

I N S T R U M E N T O S D E I N F O R M A C I Ó N P A R A L A
G E S T I Ó N A M B I E N T A L D E L D E S A R R O L L O**BIBLIOGRAFÍA GENERAL BÁSICA**

- Abdul-Rahman, Alias (Editor) (2017), *Advances in 3D Geoinformation*, (Lecture Notes in Geoinformation and Cartography), Switzerland, © Springer International Publishing AG, 512 p., http://download.springer.com/static/pdf/752/bok%253A978-3-319-25691-7.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fbook%2F10.1007%2F978-3-319-25691-7&token2=exp=1494872025~acl=%2Fstatic%2Fpdf%2F752%2Fbok%25253A978-3-319-25691-7.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fbook%252F10.1007%252F978-3-319-25691-7*~hmac=d27aec57b41a758cb538df63f033f8c55cc01f8dc38d2f7c9f8d144707562a04
- Agola, Nathaniel O. and Joseph L. Awange (2014) “Geospatial Analysis in Poverty-Environment Nexus”, in N. O. Agola and J. L. Awange, *Globalized Poverty and Environment*, Berlin Heidelberg, Springer-Verlag, pp. 27-38, http://download.springer.com/static/pdf/446/bok%253A978-3-642-39733-2.pdf?auth66=1395416684_3240dc6cce16ee32f71ab31be196bb8d&ext=.pdf
- Allouche, Nabila, Mohamed Maanan, Mona Gontara, Nicolas Rollo, Ikram Jmal and Salem Bouri, (2017), “A global risk approach to assessing groundwater vulnerability”, *Environmental Modelling & Software* 88, pp. 168-182, <http://dx.doi.org/10.1016/j.envsoft.2016.11.023>
- Althuwaynee, Omar F., Biswajeet Pradhan and Saro Lee (2016), “A novel integrated model for assessing landslide susceptibility mapping using CHAID and AHP pair-wise comparison”, *International Journal of Remote Sensing*, Volume 37, Issue 5, pp. 1190-1209, <http://dx.doi.org/10.1080/01431161.2016.1148282>
- Amin, Arshad and Shahab Fazal (2017), “Assessment of Forest Fragmentation in District Shopian Using Multi-temporal Land Cover (A GIS Approach)”, *Journal of Geosciences and Geomatics*, Volume 5, Issue 1, pp. 12-23, <http://pubs.sciepub.com/jgg/5/1/2/>
- Arauzo, Mercedes (2017), “Vulnerability of groundwater resources to nitrate pollution: A simple and effective procedure for delimiting Nitrate Vulnerable Zones”, *Science of the Total Environment* 575, pp. 799-812, <http://dx.doi.org/10.1016/j.scitotenv.2016.09.139>
- Azri, Suhaibah, Uznir Ujang, Francesc Antón Castro, Alias Abdul Rahman and Darka Mioc (2016), “Classified and clustered data constellation: An efficient approach of 3D urban data management”, *ISPRS Journal of Photogrammetry and Remote Sensing*, Volume 113, March, pp. 30-42, <http://dx.doi.org/10.1016/j.isprsjprs.2015.12.008>
- Bauer, Th. and P. Strauss (2014), “A rule-based image analysis approach for calculating residues and vegetation cover under field conditions”, *Catena* 113, pp. 363-369,

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

http://ac.els-cdn.com/S0341816213002208/1-s2.0-S0341816213002208-main.pdf?_tid=8095caf6-b119-11e3-8274-00000aab0f6b&acdnat=1395421064_9befdb2930ed7db2a4e200b17eeb1ba9

Baumann, Matthias, Mutlu Ozdogan, Peter T. Wolter, Alexander Krylov, Nadezda Vladimirova and Volker C. Radeloff (2014), “Landsat remote sensing of forest windfall disturbance”, *Remote Sensing of Environment* 143, 171-179, http://ac.els-cdn.com/S0034425714000054/1-s2.0-S0034425714000054-main.pdf?_tid=a9d278ea-b07b-11e3-ac09-00000aacb35d&acdnat=1395353272_3ca832f4aa9a2590abd82ed77610453e

Benedek, Csaba, Maha Shadaydeh, Zoltan Kato, Tamás Szirányi and Josiane Zerubia (2015), “Multilayer Markov Random Field models for change detection in optical remote sensing images”, *ISPRS Journal of Photogrammetry and Remote Sensing* (Article in press), pp. 1-16, http://ac.els-cdn.com/S0924271615000416/1-s2.0-S0924271615000416-main.pdf?_tid=9a5e85b2-04b6-11e5-b768-00000aab0f27&acdnat=1432761982_1cc4e4718056469978492e231ae20a6a

Blaschke, Thomas, Geoffrey J. Hay, Maggi Kelly, Stefan Lang, Peter Hofmann, Elisabeth Addink, Raul Queiroz Feitosa, Freek van der Meer, Harald van der Werff, Frieke van Coillie and Dirk Tiede (2014), “Geographic Object-Based Image Analysis – Towards a new paradigm”, *ISPRS Journal of Photogrammetry and Remote Sensing* 87, pp. 180-191, http://ac.els-cdn.com/S0924271613002220/1-s2.0-S0924271613002220-main.pdf?_tid=5b66399e-b116-11e3-b0b7-00000aab0f6c&acdnat=1395419713_327fc485be6ac7e45750e19cb0b0bd52

Breunig, Martin, Mulhim Al-Doori, Edgar Butwilowski, Paul V. Kuper, Joachim Benner and Karl Heinz Haefele (Editors) (2015), *3D Geoinformation Science. The Selected Papers of the 3D GeoInfo 2014*, (Lecture Notes in Geoinformation and Cartography), Switzerland, Springer International Publishing, 258 p., [http://download-v2.springer.com/static/pdf/280/bok%253A978-3-319-12181-9.pdf?token2=exp=1432761626~acl=%2Fstatic%2Fpdf%2F280%2Fbok%25253A978-3-319-12181-9.pdf*~hmac=fc5f7d0bd346cfdcac276ce4f9c4f93e75464c4337ab6e9c6c2f8550a1e86b3e](http://download.v2.springer.com/static/pdf/280/bok%253A978-3-319-12181-9.pdf?token2=exp=1432761626~acl=%2Fstatic%2Fpdf%2F280%2Fbok%25253A978-3-319-12181-9.pdf*~hmac=fc5f7d0bd346cfdcac276ce4f9c4f93e75464c4337ab6e9c6c2f8550a1e86b3e)

Broussolle, Damien (2014), “The Emerging New Concept of Services in the System of National Accounts and the Balance of Payments”, *Review of Income and Wealth* (Article first published online: 6 January 2014), pp. 1-14, <http://onlinelibrary.wiley.com/doi/10.1111/roiw.12097/pdf>

Carreiras, João M.B., Joshua Jones, Richard M. Lucas and Yosio E. Shimabukuro (2017), “Mapping major land cover types and retrieving the age of secondary forests in the Brazilian Amazon by combining single-date optical and radar remote sensing data”, *Remote Sensing of Environment* 194, pp. 16-32, <http://dx.doi.org/10.1016/j.rse.2017.03.016>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- CEPAL (2013), *Anuario Estadístico de América Latina y el Caribe 2013*, Santiago de Chile, Naciones Unidas, 228 p.,
<http://www.eclac.cl/publicaciones/xml/6/51946/AnuarioEstadistico2013.pdf>
- CEPAL (2014), Una propuesta regional de estrategia de implementación del Sistema de Cuentas Ambientales Económicas (SCAE) 2012 en América Latina, (Serie Estudios Estadísticos No. 86), Santiago de Chile, Naciones Unidas, 70 p.,
<http://www.cepal.org/publicaciones/xml/3/52303/PropuestaRegionalEstrategia.pdf>
- Chaussard, Estelle, Shimon Wdowinski, Enrique Cabral-Cano and Falk Amelung (2014), “Land subsidence in central Mexico detected by ALOS InSAR time-series”, *Remote Sensing of Environment* 140, pp. 94-106, http://ac.els-cdn.com/S0034425713002964/1-s2.0-S0034425713002964-main.pdf?_tid=4e801854-04a2-11e5-8cd3-00000aacb35f&acdnat=1432753265_4d46322bcece651a8e0cb24119d05ac1
- Chen, Gang, Kaiguang Zhao and Ryan Powers (2014), “Assessment of the image misregistration effects on object-based change detection”, *ISPRS Journal of Photogrammetry and Remote Sensing* 87, pp. 19-27, http://ac.els-cdn.com/S0924271613002293/1-s2.0-S0924271613002293-main.pdf?_tid=a8aa33c6-b117-11e3-b225-00000aab0f27&acdnat=1395420272_3ee454a461d575a106c5ed75c16ff1c1
- Chen, Wei, Hamid Reza Pourghasemi and Zhou Zhao (2017), “A GISbased comparative study of Dempster-Shafer, logistic regression and artificial neural network models for landslide susceptibility mapping”, *Geocarto International*, Volume 32, Issue 4, pp. 367-385, <http://dx.doi.org/10.1080/10106049.2016.1140824>
- Chopina, Pierre, Jean-Marc Blazy, Loïc Guindé, Régis Tournebize and Thierry Doré (2017), “A novel approach for assessing the contribution of agricultural systems to the sustainable development of regions with multi-scale indicators: Application to Guadeloupe”, *Land Use Policy* 62, pp. 132-142,
<http://dx.doi.org/10.1016/j.landusepol.2016.12.021>
- Clarke, Keith C. (2016), “A multiscale masking method for point geographic data”, *International Journal of Geographical Information Science*, Volume, 30, Issue 2, pp. 300-315, <http://dx.doi.org/10.1080/13658816.2015.1085540>
- Cohen, Matthew J. et al. (2016), “Do geographically isolated wetlands influence landscape functions?”, *PNAS*, February, Volume 113, No. 8, pp. 1978-1986,
<http://www.pnas.org/content/113/8/1978.full.pdf>
- Colkesen, Ismail, Emrehan Kutlug Sahin and Taskin Kavzoglu (2016), “Susceptibility mapping of shallow landslides using kernel-based Gaussian process, support vector machines and logistic regression”, *Journal of African Earth Sciences*, Volume 118, pp. 53-64, <http://dx.doi.org/10.1016/j.jafrearsci.2016.02.019>

Vigésima Segunda Generación
24 al 28 de julio de 2017

Tercera Semana
Bibliografía

- Consejo Nacional de Población (2013), *La situación demográfica de México, 2013*, México, CONAPO, 194 p.,
http://www.conapo.gob.mx/work/models/CONAPO/Resource/1727/1/images/La_Situacion_Demografica_de_Mexico_2013_COMPLETO.pdf
- De Smith Michael (2014), “Geospatial Analysis and Geocomputation: Concepts and Modeling Tools”, in M. M. Fischer, P. Nijkamp (eds.), *Handbook of Regional Science*, Berlin Heidelberg, Springer-Verlag, pp. 1123-1136,
http://download.springer.com/static/pdf/150/chp%253A10.1007%252F978-3-642-23430-9_62.pdf?auth66=1395418071_e36b557d764d8802146867eda4c26ff9&ext=.pdf
- Déri, Andrea (2014), “Maps, Knowledge and Resilience: Application of ArcGIS in Building Small Islands’ Resilience to Climate Change”, in J. Sundaresan et al. (eds.), *Geospatial Technologies and Climate Change*, (Geotechnologies and the Environment Volume 10), Switzerland Springer International Publishing, pp. 137-174,
http://download.springer.com/static/pdf/824/bok%253A978-3-319-01689-4.pdf?auth66=1395419736_3bdafd34e8fb9a4e15e87015614ec72e&ext=.pdf (ver SUNDARESAN_Geospatial Technologies)
- Eitzel, M.V., Maggi Kelly, Iryna Dronova, Yana Valachovic, Lenya Quinn-Davidson, Jon Solera and Perry de Valpine (2016), “Challenges and opportunities in synthesizing historical geospatial data using statistical models”, *Ecological Informatics*, Volume 31, January, pp. 100-111, <http://dx.doi.org/10.1016/j.ecoinf.2015.11.011>
- Elumalai, Vetrimurugan, K. Brindha, Bongani Sithole and Elango Lakshmanan (2017), “Spatial interpolation methods and geostatistics for mapping groundwater contamination in a coastal area”, *Environmental Science and Pollution Research*, Volume 24, Issue 12, pp. 11601-11617,
<https://link.springer.com/article/10.1007/s11356-017-8681-6>
- Feyisa, Gudina L., Henrik Meilby, Rasmus Fensholt and Simon R. Proud (2014), “Automated Water Extraction Index: A new technique for surface water mapping using Landsat imagery”, *Remote Sensing of Environment* 140, pp. 23-35, http://ac.els-cdn.com/S0034425713002873/1-s2.0-S0034425713002873-main.pdf?_tid=b1bedecb051-11e3-859b-00000aab0f01&acdnat=1395335247_9fd74090b18fdb7242aa9836fca794c1
- Filion, Rébecca, Monique Bernier, Claudio Paniconi, Karem Chokmani, Massimo Melis, Antonino Soddu, Manon Talazac and Francois-Xavier Lafortune (2016), “Remote sensing for mapping soil moisture and drainage potential in semi-arid regions: Applications to the Campidano plain of Sardinia, Italy”, *Science of the Total Environment* 543, pp. 862-876, <http://dx.doi.org/10.1016/j.scitotenv.2015.07.068>
- Fotheringham, A. Stewart, Ricardo Crespo and Jing Yao (2015), “Geographical and Temporal Weighted Regression (GTWR)”, *Geographical Analysis*, (Article first published online: 9 March 2015), file:///C:/Users/cmonte/Downloads/Fotheringham_et_al-2015-Geographical_Analysis.pdf

- Galeana-Pizaña, J. Mauricio, Alejandra López-Caloca, Penélope López-Quiroz, José Luis Silván-Cárdenas and Stéphane Couturier (2014), “Modeling the spatial distribution of above-ground carbon in Mexican coniferous forests using remote sensing and a geostatistical approach”, *International Journal of Applied Earth Observation and Geoinformation* 30, pp. 179-189, http://ac.els-cdn.com/S0303243414000440/1-s2.0-S0303243414000440-main.pdf?_tid=b75b14b8-b067-11e3-ad5c-00000aab0f27&acdnat=1395344705_dda7f3fc5a4a08ac37232af2aec20fc7
- Geng, Xiurui, Luyan Ji and Kang Sun (2016), “Clever eye algorithm for target detection of remote sensing imagery”, *ISPRS Journal of Photogrammetry and Remote Sensing*, Volume 114, April, pp. 32-39, <http://dx.doi.org/10.1016/j.isprsjprs.2015.10.014>
- González-Baheza Arturo and Oscar Arizpe (2017) “Vulnerability assessment for supporting sustainable coastal city development: a case study of La Paz, Mexico”, *Climate and Development*, (Published online 01 March 2017), pp. 1-15, <http://dx.doi.org/10.1080/17565529.2017.1291406>
- Goodchild, Michael F. and Paul A. Longley (2014), “The Practice of Geographic Information Science”, in M. M. Fischer, P. Nijkamp (eds.), *Handbook of Regional Science*, Berlin Heidelberg, Springer-Verlag, pp. 1107-1122, http://download.springer.com/static/pdf/149/chp%253A10.1007%252F978-3-642-23430-9_61.pdf?auth66=1395421481_f6e6f42c386f8bf6e593b4a3fd623132&ext=.pdf
- Granell, Carlos and Frank O. Ostermann (2016), “Beyond data collection: Objectives and methods of research using VGI and geo-social media for disaster management”, *Computers, Environment and Urban Systems* (article in press), pp. 1-13, <http://dx.doi.org/10.1016/j.compenvurbsys.2016.01.006>
- Gupta, Neelam J. (2014), “Fundamentals of Geographical Information System (GIS), Map Sources, and Digital Map Preparation”, in J. Sundaresan et al. (eds.), *Geospatial Technologies and Climate Change*, (Geotechnologies and the Environment Volume 10), Switzerland Springer International Publishing, pp. 247-260, http://download.springer.com/static/pdf/824/bok%253A978-3-319-01689-4.pdf?auth66=1395419736_3bdafd34e8fb9a4e15e87015614ec72e&ext=.pdf (ver SUNDARESAN_Geospatial Technologies)
- Harvey, A.S., G. Fotopoulos, B. Hall and K. Amolins (2017), “Augmenting comprehension of geological relationships by integrating 3D laser scanned hand samples within a GIS environment”, *Computers & Geosciences* 103, pp. 152-163, <http://dx.doi.org/10.1016/j.cageo.2017.02.008>
- He, Fuhong, Lijuan Gu, Tao Wang and Zhenhua Zhang (2017), “The synthetic geo-ecological environmental evaluation of a coastal coal-mining city using spatiotemporal big data: A case study in Longkou, China”, *Journal of Cleaner Production* 142, pp. 854-866, <http://www.sciencedirect.com/science/article/pii/S095965261630899X>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Hong, Jung-Hong, Zeal Li-Tse Su and Eric Hsueh-Chan Lu (2014), “A recommendation framework for remote sensing images by spatial relation analysis”, *The Journal of Systems and Software* 90, pp. 151-166, http://ac.els-cdn.com/S016412121400003X/1-s2.0-S016412121400003X-main.pdf?_tid=2df67484-b11a-11e3-966a-00000aab0f26&acdnat=1395421355_f6ce631e67d3aab94b109160a007d80b
- Huang, Xin, Qikai Lu and Liangpei Zhang (2014), “A multi-index learning approach for classification of high-resolution remotely sensed images over urban areas”, *ISPRS Journal of Photogrammetry and Remote Sensing* 90, pp. 36-48, http://ac.els-cdn.com/S0924271614000264/1-s2.0-S0924271614000264-main.pdf?_tid=dfa9fd02-b07c-11e3-bea4-00000aab0f26&acdnat=1395353792_d8cd00bc2172f4a05c7a263c02f521a5
- Huang, Zhijian, Jinfang Zhang, Fanjiang Xu (2014), “A novel multi-scale relative salience feature for remote sensing image analysis”, *Optik* 125, pp. 516-520, http://ac.els-cdn.com/S0030402613009595/1-s2.0-S0030402613009595-main.pdf?_tid=09e476f2-b117-11e3-9f51-00000aacb35e&acdnat=1395420006_992e46f26ab01e5af81ef0f49ef5f7db
- Instituto Nacional de Estadística y Geografía (2011), *Censo de Población y Vivienda (2010). Panorama sociodemográfico de México*, México, INEGI, 104 p, http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/panora_socio/Cpv2010_Panorama.pdf
- Instituto Nacional de Estadística y Geografía (2011), *Principales resultados del Censo de Población y Vivienda 2010*, México, INEGI, 122 p., http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/princi_result/cpv2010_principales_resultadosI.pdf
- Ishikawa, Toru (2016), “Spatial Thinking in Geographic Information Science: Students' Geospatial Conceptions, Map-Based Reasoning, and Spatial Visualization Ability”, *Annals of the American Association of Geographers*, Volume 106, Issue 1, pp. 76-95, <http://dx.doi.org/10.1080/00045608.2015.1064342>
- Ivan, Igor, Alex Singleton, Jiří Horák and Tomáš Inspektor (Editors) (2017), *The Rise of Big Spatial Data*, (Lecture Notes in Geoinformation and Cartography), Switzerland, Springer International Publishing, 418 p., <http://www.springer.com/us/book/9783319451220>
- Jandarov, Roman A., Lianne A. Sheppard, Paul D. Sampson and Adam A. Szpiro (2017), “A novel principal component analysis for spatially misaligned multivariate air pollution data”, *Applied Statistics Serie C*, Volume 66, Part 1, pp. 3-28, <http://onlinelibrary.wiley.com/doi/10.1111/rssc.12148/epdf>
- Jendryke, Michael, Timo Balz, Stephen C McClure and Mingsheng Liao (2017), “Putting people in the picture: Combining big location-based social media data and remote sensing imagery for enhanced contextual urban information in Shanghai”, *Computers*,

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

Environment and Urban Systems 62, pp. 99-112,
<http://www.sciencedirect.com/science/article/pii/S019897151630285X>

Jung, Chin-Te, Chih-Hong Sun and May Yuan (2013), “An ontology-enabled framework for a geospatial problem-solving environment”, *Computers, Environment and Urban Systems* 38, pp. 45-57, http://ac.els-cdn.com/S0198971512001081/1-s2.0-S0198971512001081-main.pdf?_tid=f7ffd57c-a775-11e2-9d3f-00000aab0f02&acdnat=1366213768_f8d6e7aed05859a2cf3222e4e2bb81cf

Karmas, Athanasios, Angelos Tzotsos and Konstantinos Karantzalos (2016), “Geospatial Big Data for Environmental and Agricultural Applications”, in S. Yu, S. Guo (eds.), *Big Data Concepts, Theories, and Applications*, Switzerland, Springer International Publishing, pp. 353-390,
http://download.springer.com/static/pdf/675/chp%253A10.1007%252F978-3-319-27763-9_10.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%2F978-3-319-27763-9_10&token2=exp=1457995936~acl=%2Fstatic%2Fpdf%2F675%2Fchp%25253A10.1007%25252F978-3-319-27763-9_10.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-3-319-27763-9_10*~hmac=99fb3c6ce3c4a92b622fec1ea9f76e5462865cab9bdc2fa34ec4fab8eca9ac42

Khorram, Siamak, Cynthia F. van der Wiele, Frank H. Koch, Stacy A. C. Nelson and Matthew D. (2016), *Potts Principles of Applied Remote Sensing*, New York, Springer Science+Business Media, 307 p.,
http://download.springer.com/static/pdf/58/bok%253A978-3-319-22560-9.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fbook%2F10.1007%2F978-3-319-22560-9&token2=exp=1457998389~acl=%2Fstatic%2Fpdf%2F58%2Fbok%25253A978-3-319-22560-9.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fbook%252F10.1007%252F978-3-319-22560-9*~hmac=71cfcb6a101d700bb04b1847ceb68c50687b3ab6d83b13249d1cc8bdcfe05e58

Kipka, Holm, Timothy R. Green, Olaf David, Luis A. Garcia, James C. Ascough II and Mazdak Arabi (2016), “Development of the Land-use and Agricultural Management Practice web-Service (LAMPS) for generating crop rotations in space and time”, *Soil & Tillage Research* 155, pp. 233-249, <http://dx.doi.org/10.1016/j.still.2015.08.005>

Knudby, Anders, Lina Mtwana Nordlund, Gustav Palmqvist, Karolina Wikström, Alan Koliji, Regina Lindborg and Martin Gullström (2014), “Using multiple Landsat scenes in an ensemble classifier reduces classification error in a stable nearshore environment”, *International Journal of Applied Earth Observation and Geoinformation* 28, pp. 90-101, <http://ac.els-cdn.com/S0303243413001682/1-s2.0-S0303243413001682->

[main.pdf?_tid=bd0252d0-b07d-11e3-a90f-00000aab0f02&acdnat=1395354164_df29dbcb940996822ff7814f6bc13de5](http://ac.els-cdn.com/S0098300413002896/1-s2.0-S0098300413002896-main.pdf?_tid=5889353e-aece-11e3-bf5d-0000aacb362&acdnat=1395182626_2bfa63da42a251b98088b34eb85a9bf3)

Kulkarni, A. T., J. Mohanty, T. I. Eldho, E. P. Rao and B. K. Mohan (2014), “A web GIS based integrated flood assessment modeling tool for coastal urban watersheds”, *Computers & Geosciences* 64, pp. 7-14, http://ac.els-cdn.com/S0098300413002896/1-s2.0-S0098300413002896-main.pdf?_tid=5889353e-aece-11e3-bf5d-0000aacb362&acdnat=1395182626_2bfa63da42a251b98088b34eb85a9bf3

Kwan, Mei-Po (2016), “Algorithmic Geographies: Big Data, Algorithmic Uncertainty, and the Production of Geographic Knowledge”, *Annals of the American Association of Geographers*, Volume 106, Issue 2, pp. 274-282, <http://dx.doi.org/10.1080/00045608.2015.1117937>

Laporte, Gilbert, Stefan Nickel and Francisco Saldanha da Gama (Editors) (2015), *Location Science*, Switzerland, Springer International Publishing, 644 p., [http://download-v2.springer.com/static/pdf/670/bok%253A978-3-319-13111-5.pdf?token2=exp=1432749048~acl=%2Fstatic%2Fpdf%2F670%2Fbok%25253A978-3-319-13111-5.pdf*~hmac=145a993b95f9b958df13455521dbd78268cfc51e5cb4c4915bb192013f0288f3](http://download.v2.springer.com/static/pdf/670/bok%253A978-3-319-13111-5.pdf?token2=exp=1432749048~acl=%2Fstatic%2Fpdf%2F670%2Fbok%25253A978-3-319-13111-5.pdf*~hmac=145a993b95f9b958df13455521dbd78268cfc51e5cb4c4915bb192013f0288f3)

Lavreniuk, M. S., S. V. Skakun, Ju. Shelestov, B. Ya. Yalimov, S. L. Yanchevskii, D. Ju. Yaschuk, and A. Ì. Kosteckiy (2016), “Large-Scale Classification of Land Cover Using Retrospective Satellite Data”, *Cybernetics and Systems Analysis*, January, Volume 52, Issue 1, pp 127-138, http://download.springer.com/static/pdf/986/art%253A10.1007%252Fs10559-016-9807-4.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10559-016-9807-4&token2=exp=1457996418~acl=%2Fstatic%2Fpdf%2F986%2Fart%25253A10.1007%25252Fs10559-016-9807-4.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10559-016-9807-4*~hmac=3ef6221182c94666f4710bc941bad5d9638aac17c478ceef5eb158ead584ee45

Lê, Thu Trang, Abdourrahmane M. Atto, Emmanuel Trouvé, Akhmad Solikhin and Virginie Pinel (2015), “Change detection matrix for multitemporal filtering and change analysis of SAR and PolSAR image time series”, *ISPRS Journal of Photogrammetry and Remote Sensing*, (Article in press), pp. 1-13, http://ac.els-cdn.com/S0924271615000520/1-s2.0-S0924271615000520-main.pdf?_tid=33f76428-04b7-11e5-9579-00000aab0f01&acdnat=1432762240_673d6d481749c9aab936843d40fe149d

Li, Jing and David W.S. Wong (2014), “STModelViz: A 3D spatiotemporal GIS using a constraint-based approach”, *Computers, Environment and Urban Systems* 45, pp. 34-49, <http://ac.els-cdn.com/S0198971514000180/1-s2.0-S0198971514000180->

main.pdf?_tid=b9dc793a-b066-11e3-ace8-00000aacb35f&acdnat=1395344280_861df916112a3bdf5e013b7aff3f1936

- Li, Manchun, Lei Ma, Thomas Blaschke, Liang Cheng and Dirk Tiede (2016), “A systematic comparison of different object-based classification techniques using high spatial resolution imagery in agricultural environments”, *International Journal of Applied Earth Observation and Geoinformation*, Volume 49, July, pp. 87-98, <http://dx.doi.org/10.1016/j.jag.2016.01.011>
- Li, Shaoning, Wenjing Li and Jia Qiu (2017), “A Novel Divisive Hierarchical Clustering Algorithm for Geospatial Analysis”, *ISPRS International Journal of Geo-Information*, Volume 6, Issue 30, pp. 1-19, <http://www.mdpi.com/2220-9964/6/1/30/htm>
- Li, Wenwen, Kai Cao and Richard L. Church (2016), “Cyberinfrastructure, GIS, and spatial optimization: opportunities and challenges”, *International Journal of Geographical Information Science*, Volume 30, Issue 3, pp. 427-431, <http://dx.doi.org/10.1080/13658816.2015.1112906>
- Li, Xiaoming, Zhihan Lv, Weixi Wang, Baoyun Zhang, Jinxing Hu, Ling Yin and Shengzhong Feng (2016), “WebVRGIS based traffic analysis and visualization system”, *Advances in Engineering Software*, Volume 93, March, pp. 1-8, <http://dx.doi.org/10.1016/j.advensoft.2015.11.003>
- Li, Zhenlong, Fei Hu, John L. Schnase, Daniel Q. Duffy, Tsengdar Lee, Michael K. Bowen and Chaowei Yang (2016): “A spatiotemporal indexing approach for efficient processing of big array-based climate data with MapReduce”, *International Journal of Geographical Information Science*, (published online: 12 Jan 2016.), pp. 1-20, <http://dx.doi.org/10.1080/13658816.2015.1131830>
- Li, Zhongbin, Wenzhong Shi, Soe W. Myint, Ping Lu and Qunming Wang (2016), “Semi-automated landslide inventory mapping from bitemporal aerial photographs using change detection and level set method”, *Remote Sensing of Environment*, Volume 175, March, pp. 215-230, <http://dx.doi.org/10.1016/j.rse.2016.01.003>
- Liu, Yongxue, Chao Sun, Yuhao Yang, Minxi Zhou, Wenfeng Zhan and Wangyu Cheng (2016), “Automatic extraction of offshore platforms using time-series Landsat-8 Operational Land Imager data”, *Remote Sensing of Environment*, Volume 175, March, pp. 73-91, <http://dx.doi.org/10.1016/j.rse.2015.12.047>
- Lucash, Melissa S., Robert M. Scheller, Eric J. Gustafson and Brian R. Sturtevant (2017), “Spatial resilience of forested landscapes under climate change and management”, *Landscape Ecology*, Volume 32, Issue 5, pp. 953-969, <https://link.springer.com/article/10.1007/s10980-017-0501-3>
- Luo, Xiao, Liang Dong, Yi Dou, Ning Zhang, Jingzheng Ren, Ye Li, Lu Sun and Shengyong (2017), “Analysis on spatial-temporal features of taxis' emissions from big data informed travel patterns: a case of Shanghai, China”, *Journal of Cleaner Production*

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

142, pp. 926-935,

<http://www.sciencedirect.com/science/article/pii/S0959652616306400>

Mascorro, Vanessa S., Nicholas C. Coops, Werner A. Kurz and Marcela Olgún (2016), “Attributing changes in land cover using independent disturbance datasets: a case study of the Yucatan Peninsula, Mexico”, *Regional Environmental Change*, January, Volume 16, Issue 1, pp. 213-228,

http://download.springer.com/static/pdf/147/art%253A10.1007%252Fs10113-014-0739-0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871

[0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871](http://download.springer.com/static/pdf/147/art%253A10.1007%252Fs10113-014-0739-0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871)

[0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871](http://download.springer.com/static/pdf/147/art%253A10.1007%252Fs10113-014-0739-0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871)

[0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871](http://download.springer.com/static/pdf/147/art%253A10.1007%252Fs10113-014-0739-0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871)

[0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871](http://download.springer.com/static/pdf/147/art%253A10.1007%252Fs10113-014-0739-0.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10113-014-0739-0&token2=exp=1458061863~acl=%2Fstatic%2Fpdf%2F147%2Fart%25253A10.1007%25252Fs10113-014-0739-0.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10113-014-0739-0*~hmac=5badf1a71cc7e5e37930bed7e0b4b7f7e7ce2c70eb37dcf2fde51ea8d78b4871)

México, Instituto Nacional de Estadística y Geografía (2012), *Programa Anual de Estadística y Geografía 2012*, México, INEGI, 171 p.,

<http://www.snieg.mx/contenidos/espanol/programas/PAEG%202012.pdf>

México, Instituto Nacional de Estadística y Geografía (2013), *Anuario estadístico de los Estados Unidos Mexicanos 2012*, México, INEGI, 785 p.,

http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/aeum/2012/Aeum2012.pdf

Mott Lacroix, Kelly E., Elia Tapia, Abraham Springer (2017), “Environmental flows in the desert rivers of the United States and Mexico: Synthesis of available data and gap analysis”, *Journal of Arid Environments*, Volume 140, May, pp. 67-78,

<http://dx.doi.org/10.1016/j.jaridenv.2017.01.011>

Munroe, Robert, Tom Crawford and Scott Curtis (2013), “Geospatial Analysis of Space–Time Patterning of ENSO Forced Daily Precipitation Distributions in the Gulf of Mexico”, *The Professional Geographer*, (Article in press), pp. 1-11,

<http://www.tandfonline.com/doi/pdf/10.1080/00330124.2013.765291>

Murthy, C. S., B. Laxman and M.V.R. Sessa Sai (2015), “Geospatial analysis of agricultural drought vulnerability using a composite index based on exposure, sensitivity and adaptive capacity”, *International Journal of Disaster Risk Reduction*, Volume 12, June, pp. 163–171, http://ac.els-cdn.com/S2212420915000060/1-s2.0-S2212420915000060-main.pdf?_tid=b2dcf870-0499-11e5-b1eb-00000aacb35e&acdnat=1432749568_b4e947b744d8a142584d27d5e591ff7f

http://ac.els-cdn.com/S2212420915000060/1-s2.0-S2212420915000060-main.pdf?_tid=b2dcf870-0499-11e5-b1eb-00000aacb35e&acdnat=1432749568_b4e947b744d8a142584d27d5e591ff7f

Nadiri, Ata Allah, Zahra Sedghi, Rahman Khatibi and Maryam Gharekhani (2017), “Mapping vulnerability of multiple aquifers using multiple models and fuzzy logic to objectively derive model structures”, *Science of the Total Environment* 593-594, pp. 75-90,

<http://dx.doi.org/10.1016/j.scitotenv.2017.03.109>

- Naghbi, Seyed Amir, Davood Davoodi Moghaddam, Bahareh Kalantar, Biswajeet Pradhan and Ozgur Kisi (2017), “A comparative assessment of GIS-based data mining models and a novel ensemble model in groundwater well potential mapping”, *Journal of Hydrology* 548, 471-483, <http://dx.doi.org/10.1016/j.jhydrol.2017.03.020>
- Neuwirth, Christian, Barbara Hofer and Angela Peck (2015), “Spatiotemporal processes and their implementation in Spatial System Dynamics models”, *Journal of Spatial Science*, <http://www.tandfonline.com/doi/pdf/10.1080/14498596.2015.997316>
- OCDE (2013), *Evaluaciones de la OCDE sobre el desempeño ambiental: México 2013*, OECD Publishing, 194 p., <http://www.oecd-ilibrary.org/docserver/download/9713014e.pdf?expires=1395772326&id=id&accname=ocid195758&checksum=4FA85C19EF464A67A02259BC0E872AC5>
- OECD (2013), *National Accounts of OECD Countries, Volume 2013, Issue 2 – Detailed Tables*, OECD Publishing, 324 p., <http://www.oecd-ilibrary.org/docserver/download/0113061e.pdf?expires=1395775251&id=id&accname=ocid195758&checksum=842FA0CACA4138A581B254622E1022AA>
- OECD (2014), *Society at a Glance 2014: OECD Social Indicators*, (Series: Society at a Glance 2014), OECD Publishing, 147 p., <http://www.oecd-ilibrary.org/docserver/download/8113171e.pdf?expires=1395771479&id=id&accname=guest&checksum=883D2CCB1C3E5D49B9F0CD51215145B8>
- Olanrewaju, Olajumoke Esther and Kayode Adewale Adepoju (2017), “Geospatial Assessment of Cholera in a Rapidly Urbanizing Environment”, *Journal of Environmental and Public Health*, Volume 2017, Article ID 6847376, pp. 1-88, <https://www.hindawi.com/journals/jeph/2017/6847376/abs/>
- Oleas-Montalvo, Julio (2014), *El Sistema de Cuentas Ambientales y Económicas (SCAE) 2012: fundamentos conceptuales para su implementación*, (Serie Estudios Estadísticos No. 84), Santiago de Chile, Naciones Unidas, 65 p., <http://www.cepal.org/publicaciones/xml/2/52302/SistemaCuentasAmbientales.pdf>
- Pedro-Monzonís, María, Pedro Jiménez-Fernández, Abel Solera and Pablo Jiménez-Gavilán (2016), “The use of AQUATOOL DSS applied to the System of Environmental-Economic Accounting for Water (SEEA-W)”, *Journal of Hydrology*, Volume 533, February, pp. 1-14, <http://dx.doi.org/10.1016/j.jhydrol.2015.11.034>
- Pei, Wenming, Suping Yao, Joseph F. Knight, Shaochun Dong, Keith Pelletier, Lian P. Rampi, Yan Wang² and Jim Klassen (2017), “Mapping and detection of land use change in a coal mining area using object-based image analysis”, *Environmental Earth Sciences*, Volume 76, Issue 125, pp. 1-16, <https://link.springer.com/article/10.1007/s12665-017-6444-9>

Vigésima Segunda Generación
24 al 28 de julio de 2017
Tercera Semana
Bibliografía

- Pickard, Brian R., Jessica Daniel, Megan Mehaffey, Laura E. Jackson and Anne Neale (2015), “EnviroAtlas: A new geospatial tool to foster ecosystem services science and resource management”, *Ecosystem Services*, Volume 14, August, pp. 45-55, http://ac.els-cdn.com/S2212041615000534/1-s2.0-S2212041615000534-main.pdf?_tid=419149c2-049f-11e5-a3a3-00000aacb35f&acdnat=1432751955_e0b1313812faf4b21a14b6184e5df897
- Popovich, Vasily V. (2014), “Intelligent GIS Conceptualization”, in V. Popovich et al. (eds.), *Information Fusion and Geographic Information Systems (IF&GIS 2013)*, (Lecture Notes in Geoinformation and Cartography), Berlin Heidelberg, Springer-Verlag, pp. 17-44, http://download.springer.com/static/pdf/28/chp%253A10.1007%252F978-3-642-31833-7_2.pdf?auth66=1395420587_b08ba313dbd50f369d611febfd9b15b&ext=.pdf
- Poudyal, Neelam C., Duncan Elkins, Nathan Nibbelink, H. Ken Cordell and Buddhi Gyawali (2016), “An exploratory spatial analysis of projected hotspots of population growth, natural land loss, and climate change in the conterminous United States”, *Land Use Policy*, Volume 51, February, pp. 325-334, <http://dx.doi.org/10.1016/j.landusepol.2015.11.021>
- Qin, Yuanwei, Xiangming Xiao, Jinwei Dong, Bangqian Chen, Fang Liu, Geli Zhang, Yao Zhang, Jie Wang and Xiaocui Wu (2017), “Quantifying annual changes in built-up area in complex urban-rural landscapes from analyses of PALSAR and Landsat images”, *ISPRS Journal of Photogrammetry and Remote Sensing* 124, pp. 89-105, <http://dx.doi.org/10.1016/j.isprsjprs.2016.12.011>
- Raja, Nussaïbah B., Ihsan Çiçek, Necla Türkoğlu, Olgu Aydın and Akiyuki Kawasaki (2017), “Landslide susceptibility mapping of the Sera River Basin using logistic regression model”, *Natural Hazards*, Volume 85, Issue 3, pp. 1323-1346, <https://link.springer.com/article/10.1007/s11069-016-2591-7>
- Rey, Sergio J. (2014), “Spatial Dynamics and Space-Time Data Analysis”, in M. M. Fischer, P. Nijkamp (eds.), *Handbook of Regional Science*, Berlin Heidelberg, Springer-Verlag, pp. 1365-1383, http://download.springer.com/static/pdf/187/chp%253A10.1007%252F978-3-642-23430-9_78.pdf?auth66=1395418436_d7011eee74079cff3559f04ca95546ca&ext=.pdf
- Robinson, Anthony C., Urška Demšar, Antoni B. Moore, Aileen Buckley, Bin Jiang, Kenneth Field, Menno-Jan Kraak, Silvana P. Camboim and Claudia R. Sluter (2017), “Geospatial big data and cartography: research challenges and opportunities for making maps that matter”, *International Journal of Cartography*, (Published online: 13 Mar 2017), pp. 1-2, <http://dx.doi.org/10.1080/23729333.2016.1278151>
- Rosser, J. F., D. G. Leibovici and M. J. Jackson (2017), “Rapid flood inundation mapping using social media, remote sensing and topographic data”, *Natural Hazards*, Volume 87, Issue 1, pp. 103-120, <https://link.springer.com/article/10.1007%2F978-3-642-2755-0>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Roth, Deborah, Rafael Moreno-Sanchez, Juan Manuel Torres-Rojo and Francisco Moreno-Sánchez (2016), “Estimation of human induced disturbance of the environment associated with 2002, 2008 and 2013 land use/cover patterns in Mexico”, *Applied Geography*, January, Volume 66, pp. 22-34,
<http://dx.doi.org/10.1016/j.apgeog.2015.11.009>
- Salvati, Luca, Antonella de Angelis, Sofia Bajocco, Agostino Ferrara and Pier Matteo Barone (2013), “Desertification Risk, Long-Term Land-Use Changes and Environmental Resilience: A Case Study in Basilicata, Italy”, *Scottish Geographical Journal*, 15 p.,
<http://www.tandfonline.com/doi/pdf/10.1080/14702541.2013.781209>
- Secretaría de Desarrollo Social y Consejo Nacional de Población (2012), *Catálogo. Sistema Urbano Nacional 2012*, México, SEDESOL, CONAPO, 173 p.,
<http://www.conapo.gob.mx/work/models/CONAPO/Resource/1539/1/images/PartesIaV.pdf> y
<http://www.conapo.gob.mx/work/models/CONAPO/Resource/1540/1/images/Anexosbibliografia.pdf>
- Secretaría de Desarrollo Social, Consejo Nacional de Población e Instituto Nacional de Estadística y Geografía (2012), *Delimitación de las zonas metropolitanas de México 2010*, México, SEDESOL, CONAPO, INEGI, 214 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/geografia/publicaciones/delime10/multi_archivo/702825003884/DZM20101.pdf
- Senf, Cornelius, Pedro J. Leitão, Dirk Pflugmacher, Sebastian van der Linden and Patrick Hostert (2015), “Mapping land cover in complex Mediterranean landscapes using Landsat: Improved classification accuracies from integrating multi-seasonal and synthetic imagery”, *Remote Sensing of Environment*, Volume 156, January, pp. 527-536, http://ac.els-cdn.com/S0034425714004283/1-s2.0-S0034425714004283-main.pdf?_tid=6ba89e52-04a1-11e5-8338-00000aacb35d&acdnat=1432752884_19adf0f3e382f5f96d6f0a4dad254c5c
- Sharma, Richa, Anusheema Chakraborty and Pawan Kumar Joshi (2014), “Geospatial quantification and analysis of environmental changes in urbanizing city of Kolkata (India)”, *Environmental Monitoring and Assessment*, December, 187:4206, pp. 1-12,
http://download-v2.springer.com/static/pdf/780/art%253A10.1007%252Fs10661-014-4206-7.pdf?token2=exp=1432751666~acl=%2Fstatic%2Fpdf%2F780%2Fart%25253A10.1007%25252Fs10661-014-4206-7.pdf*~hmac=3383e9d64ebc3f55c4889e357fe6441fb79b3935cddf3f832385d6fb84494bc6
- Shelestov, Andrii, Mykola Lavreniuk, Nataliia Kussul, Alexei Novikov and Sergii Skakun (2017), “Exploring Google Earth Engine Platform for Big Data Processing: Classification of Multi-Temporal Satellite Imagery for Crop Mapping”, *Frontiers in Earth Science*, February, Volume 5, Article 17, pp. 1-10,
<http://journal.frontiersin.org/article/10.3389/feart.2017.00017/full>

- Shi, Xuan (2017), “Parallelizing Affinity Propagation Using Graphics Processing Units for Spatial Cluster Analysis over Big Geospatial Data”, in D.A. Griffith et al. (eds.), *Advances in Geocomputation, Advances in Geographic Information Science*, Switzerland, Springer International Publishing, pp. 355-369, https://link.springer.com/chapter/10.1007/978-3-319-22786-3_32
- Singleton, Alex David, Seth Spielman and Chris Brunsdon (2016), “Establishing a framework for Open Geographic Information science”, *International Journal of Geographical Information Science*, (Published online: 05 Feb 2016), pp. 1-15, <http://dx.doi.org/10.1080/13658816.2015.1137579>
- Sreekesh, S. (2014), “Generation of Geomorphometric Information Using Satellite Images for Climate Change Impact Studies”, in J. Sundaresan et al. (eds.), *Geospatial Technologies and Climate Change*, (Geotechnologies and the Environment Volume 10), Switzerland Springer International Publishing, pp. 261-277, http://download.springer.com/static/pdf/824/bok%253A978-3-319-01689-4.pdf?auth66=1395419736_3bdafd34e8fb9a4e15e87015614ec72e&ext=.pdf (ver SUNDARESAN_Geospatial Technologies)
- Srivastava, Sanjeev Kumar (2013), “Threshold concepts in geographical information systems: a step towards conceptual understanding”, *Journal of Geography in Higher Education*, 18 p., <http://www.tandfonline.com/doi/pdf/10.1080/03098265.2013.775569>
- Stevenazzi, Stefania, Marianna Bonfanti, Marco Masetti, Son V. Nghiem and Alessandro Sorichetta (2017), “A versatile method for groundwater vulnerability projections in future scenarios”, *Journal of Environmental Management* 187, pp. 365-374, <http://dx.doi.org/10.1016/j.jenvman.2016.10.057>
- Sunde, Michael G., Hong S. He, Bo Zhou, Jason A. Hubbart and Anthony Spicci (2014), “Imperviousness Change Analysis Tool (I-CAT) for simulating pixel-level urban growth”, *Landscape and Urban Planning* 124, pp. 104-108, http://ac.els-cdn.com/S0169204614000085/1-s2.0-S0169204614000085-main.pdf?_tid=27737b90-b069-11e3-948c-00000aab0f02&acdnat=1395345323_67fb224cdaec9986341fbbc976a7a190
- Tao, Wang (2013), “Interdisciplinary urban GIS for smart cities: advancements and opportunities”, *Geo-spatial Information Science*, Vol. 16, No. 1, pp. 25–34, <http://www.tandfonline.com/doi/pdf/10.1080/10095020.2013.774108>
- Tarantino, Cristina, Maria Adamo, Richard Lucas and Palma Blonda (2016), “Detection of changes in semi-natural grasslands by cross correlation analysis with WorldView-2 images and new Landsat 8 data”, *Remote Sensing of Environment*, Volume 175, March, pp. 65-72, <http://dx.doi.org/10.1016/j.rse.2015.12.031>
- Thakuriah, Piyushimita (Vonu), Nebiyou Tilahun and Moira Zellner (Editors) (2017), *Seeing Cities through Big Data Research, Methods and Applications in Urban Informatics*,

Switzerland, Springer International Publishing, 554 p.,
https://link.springer.com/chapter/10.1007/978-3-319-40902-3_2

Thompson, Matthew P., Jessica R. Haas, Julie W. Gilbertson-Day, Joe H. Scott, Paul Langowski, Elise Bowne and David E. Calkin (2015), “Development and application of a geospatial wildfire exposure and risk calculation tool”, *Environmental Modelling & Software*, Volume 63, January, pp. 61-72, http://ac.els-cdn.com/S1364815214002825/1-s2.0-S1364815214002825-main.pdf?_tid=67dea4dc-049d-11e5-b3f0-00000aacb35e&acdnat=1432751160_7f3287a0a606a33652a324fe9726c782

Twigg, John, Nicola Christie, James Haworth, Emmanuel Osuteye and Artemis Skarlatidou (2017), “Improved Methods for Fire Risk Assessment in Low-Income and Informal Settlements”, *International Journal Environmental Research and Public Health*, Volume 14, Issue 2, Article 139, pp. 1-12, <http://www.mdpi.com/1660-4601/14/2/139/htm>

United Nations Statistics Division, Department of Economic and Social Affairs (2013), *Framework for the Development of Environment Statistics (FDES) 2013*, United Nations, 291 p., <http://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment.pdf>

Vandermeulen, Ryan A., Robert Arnone, Sherwin Ladner and Paul Martinolich (2015), “Enhanced satellite remote sensing of coastal waters using spatially improved bio-optical products from SNPP-VIIRS”, *Remote Sensing of Environment* 165, pp. 53-63, <http://dx.doi.org/10.1016/j.rse.2015.04.026>

Vogeler, Jody C., Zhiqiang Yang and Warren B. Cohen, (2016), “Mapping post-fire habitat characteristics through the fusion of remote sensing tools”, *Remote Sensing of Environment*, Volume 173, February, pp. 294-303, <http://dx.doi.org/10.1016/j.rse.2015.08.011>

Vogelmann, James E., Alisa L. Gallant, Hua Shi and Zhe Zhu (2016), “Perspectives on monitoring gradual change across the continuity of Landsat sensors using time-series data”, *Remote Sensing of Environment* (article in press), pp. 1-13, <http://dx.doi.org/10.1016/j.rse.2016.02.060>

Voinov, Alexey, Ralf Seppelt, Stefan Reis, Julia E.M.S. Nabel and Samaneh Shokravi (2014), “Values in socio-environmental modelling: Persuasion for action or excuse for inaction”, *Environmental Modelling & Software* 53, pp. 207-212, http://ac.els-cdn.com/S1364815213003083/1-s2.0-S1364815213003083-main.pdf?_tid=cf90eb44-aef-11e3-973c-00000aacb360&acdnat=1395183255_ba429a34f13953bffc39b23d244f4525

Weiguo, Jiang, Rao Pingzeng, Cao Ran, Tang Zhenghong and Chen Kun (2017), “Comparative evaluation of geological disaster susceptibility using multi-regression methods and spatial accuracy validation”, *Journal of Geographical Sciences*, Volume 27, Issue 4, pp. 439-462, <https://link.springer.com/article/10.1007/s11442-017-1386-4>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Whelan, Gene, Keewook Kim, Mitch A. Pelton, Karl J. Castleton, Gerard F. Laniak, Kurt Wolfe, Rajbir Parmar, Justin Babendreier and Michael Galvin (2014), “Design of a component-based integrated environmental modeling framework”, *Environmental Modelling & Software* 55, pp. 1-24, http://ac.els-cdn.com/S1364815214000267/1-s2.0-S1364815214000267-main.pdf?_tid=cea7cde4-b064-11e3-9ed5-00000aab0f27&acdnat=1395343456_4913fcf80fe4d9452601863c4dcb42cc
- Wightman, Jenifer L., Zia U. Ahmed, Timothy A. Volk, Philip J. Castellano, Christian J. Peters, Stephen D. DeGloria, John M. Duxbury and Peter B. Woodbury (2015), “Assessing Sustainable Bioenergy Feedstock Production Potential by Integrated Geospatial Analysis of Land Use and Land Quality”, *BioEnergy Research*, (Published online: 03 may 2015), pp. 1-10, [http://download-v2.springer.com/static/pdf/327/art%253A10.1007%252Fs12155-015-9618-x.pdf?token2=exp=1432750082~acl=%2Fstatic%2Fpdf%2F327%2Fart%25253A10.1007%25252Fs12155-015-9618-x.pdf*~hmac=32eb07da48dbdba00900e9582d1cf537537f4c6f32132fb648d0b90883d863b4](http://download.v2.springer.com/static/pdf/327/art%253A10.1007%252Fs12155-015-9618-x.pdf?token2=exp=1432750082~acl=%2Fstatic%2Fpdf%2F327%2Fart%25253A10.1007%25252Fs12155-015-9618-x.pdf*~hmac=32eb07da48dbdba00900e9582d1cf537537f4c6f32132fb648d0b90883d863b4)
- Wilson, Matthew W. (2014), “On the criticality of mapping practices: Geodesign as critical GIS?”, *Landscape and Urban Planning* (Article in press), pp. 1-9, http://ac.els-cdn.com/S0169204614000218/1-s2.0-S0169204614000218-main.pdf?_tid=2c2f6e2a-b053-11e3-a70e-00000aab0f26&acdnat=1395335882_94b16aa3bba15735ddd09de734f74362
- Wu, Wenjie, Jianghao Wang and Tianshi Dai (2016), “The Geography of Cultural Ties and Human Mobility: Big Data in Urban Contexts”, *Annals of the American Association of Geographers*, (Published online: 18 Feb 20), pp. 1-19, <http://dx.doi.org/10.1080/00045608.2015.1121804>
- Xing, Jin and Renee E. Sieber (2016), “A land use/land cover change geospatial cyberinfrastructure to integrate big data and temporal topology”, *International Journal of Geographical Information Science*, Vol. 30, No. 3, pp. 573–593, <http://dx.doi.org/10.1080/13658816.2015.1104534>
- Yang, Chaowei, Manzhu Yu, Fei Hu, Yongyao Jiang and Yun Li (2017), “Utilizing Cloud Computing to address big geospatial data challenges”, *Computers, Environment and Urban Systems* 61, pp. 120-128, <http://dx.doi.org/10.1016/j.compenvurbsys.2016.10.010>
- Yang, Chaowei, Qunying Huang, Zhenlong Li, Kai Liu and Fei Hu (2017), “Big Data and cloud computing: innovation opportunities and challenges”, *International Journal of Digital Earth*, Volume 10, Issue 1, pp. 13-53, <http://dx.doi.org/10.1080/17538947.2016.1239771>
- Yao, Yao, Xiaoping Liu, Xia Li, Jinbao Zhang, Zhaotang Liang, Ke Mai and Yatao Zhang (2017), “Mapping fine-scale population distributions at the building level by integrating multisource geospatial big data”, *International Journal of Geographical Information*

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

Science, Volume 31, Issue 6, pp. 1220-1244,
<http://dx.doi.org/10.1080/13658816.2017.1290252>

Yeo, In-Ae, Seong-Hwan Yoon and Jurng-Jae Yee (2013), “Development of an Environment and energy Geographical Information System (E-GIS) construction model to support environmentally friendly urban planning”, *Applied Energy* 104, pp. 723-739,
http://ac.els-cdn.com/S0306261912008562/1-s2.0-S0306261912008562-main.pdf?_tid=c0a2e6d8-a86e-11e2-a426-00000aab0f02&acdnat=1366320620_6f439a42ce9efd31a2607fd5d10ab0ca

Yuan, May, Atsushi Nara and James Bothwell (2014), “Space–time representation and analytics”, *Annals of GIS*, Vol. 20, No. 1, pp. 1-9,
<http://www.tandfonline.com/doi/pdf/10.1080/19475683.2013.862301>

Zeller, Katherine A., Kevin McGarigal, Samuel A. Cushman, Paul Beier, T. Winston Vickers and Walter M. Boyce (2017), “Sensitivity of resource selection and connectivity models to landscape definition”, *Landscape Ecology*, Volume 32, Issue 4, pp. 835-855,
<https://link.springer.com/article/10.1007%2Fs10980-017-0489-8>

Zhang, Lefei, Liangpei Zhang, Dacheng Tao, Xin Huang and Bo Du (2015), “Compression of hyperspectral remote sensing images by tensor approach”, *Neurocomputing* 147, pp. 358-363, http://ac.els-cdn.com/S0925231214008248/1-s2.0-S0925231214008248-main.pdf?_tid=afc9753e-04ba-11e5-a00a-00000aab0f26&acdnat=1432763736_f25f5cf05331be42be8bdbe65ec9a55a

Zhang, Libao, Bingchang Qiu, Xianchuan Yu and Jindong Xu (2015), “Multi-scale hybrid saliency analysis for region of interest detection in very high resolution remote sensing images”, *Image and Vision Computing* 35, pp. 1-13, http://ac.els-cdn.com/S0262885614001863/1-s2.0-S0262885614001863-main.pdf?_tid=9a389e60-04bb-11e5-8f13-00000aacb35f&acdnat=1432764129_79ff3272e7cf02de9175098bcf20909a

Zhang, Xin, Lei Wang, Xiaoyi Jiang and Changming Zhu (Editors) (2017), *Modeling with Digital Ocean and Digital Coast*, (Coastal Research Library Volume 18), Switzerland, Springer International Publishing, 232 p.,
<https://link.springer.com/content/pdf/10.1007%2F978-3-319-42710-2.pdf>

Zhu, A-Xing, Rongxun Wang, Jianping Qiao, Cheng-Zhi Qin, Yongbo Chen, Jing Liu, Fei Du, Yang Lin and Tongxin Zhu (2014), “An expert knowledge-based approach to landslide susceptibility mapping using GIS and fuzzy logic”, *Geomorphology* (Article in press), 11 p., http://ac.els-cdn.com/S0169555X14000658/1-s2.0-S0169555X14000658-main.pdf?_tid=feb12e76-b07e-11e3-8f8b-00000aab0f6b&acdnat=1395354703_6778fcf7d73735e9705e5807efcb9bcd

Zvoleff, Alex and Li An (2014), “Analyzing Human–Landscape Interactions: Tools That Integrate”, *Environmental Management* 53, pp. 94-111,

http://download.springer.com/static/pdf/34/art%253A10.1007%252Fs00267-012-0009-1.pdf?auth66=1395418951_a54f7dceefae645eeeb6a9c294b335a&ext=.pdf

BIBLIOGRAFÍA GENERAL COMPLEMENTARIA

- Aguirre-Gutiérrez, Jesus, Arie C. Seijmonsbergen and Joost F. Duivenvoorden (2012), “Optimizing land cover classification accuracy for change detection, a combined pixel-based and object-based approach in a mountainous area in Mexico”, *Applied Geography* 34, pp. 29-37, http://ac.els-cdn.com/S0143622811001871/1-s2.0-S0143622811001871-main.pdf?_tid=b4ee86c4e63318910b483dd48cc4e98e&acdnat=1339437237_069c17eba32d9f5b1ca34cf32152225
- Ahlqvist, Ola, Thomas Loffing, Jay Ramanathan and Austin Kocher (2012), “Geospatial Human-environment Simulation through Integration of Massive Multiplayer Online Games and Geographic Information Systems”, *Transactions in GIS*, Volume 16, Issue 3, pp. 331-350, <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9671.2012.01340.x/pdf>
- Althuwaynee, Omar F., Biswajeet Pradhan and Saro Lee (2012), “Application of an evidential belief function model in landslide susceptibility mapping”, *Computers & Geosciences* 44, pp. 120-135, http://ac.els-cdn.com/S009830041200091X/1-s2.0-S009830041200091X-main.pdf?_tid=c0150f7407226b43b02c9ebf829caa1c&acdnat=1339453465_dd0c763e09db9270dad7798334ca27c
- Asadi, S. S., B. V. T. Vasantha Rao and S. K. Sekar (2012), “Creation of physical characteristics information for Natural Resources Management Using Remote sensing and GIS: A Model study”, *International Journal of Modern Engineering Research*, Vol.2, Issue.2, Mar-Apr, pp-226-232, http://www.ijmer.com/papers/vol2_issue2/AL022226232.pdf
- Atkinson, Samuel F. and Larry W. Canter, (2011), “Assessing the cumulative effects of projects using geographic information systems”, *Environmental Impact Assessment Review* S/N, pp. 1-8, [http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6V9G-52CY03T-1-1&_cdi=5898&_user=1769407&_pii=S0195925511000217&_origin=mlkt&_zone=rslt_list_item&_coverDate=03%2F15%2F\(2011\)&_sk=999999999&wchp=dGLzVzb-zSkWb&md5=6d39825a63669cb0be987dbb6e66f4b4&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6V9G-52CY03T-1-1&_cdi=5898&_user=1769407&_pii=S0195925511000217&_origin=mlkt&_zone=rslt_list_item&_coverDate=03%2F15%2F(2011)&_sk=999999999&wchp=dGLzVzb-zSkWb&md5=6d39825a63669cb0be987dbb6e66f4b4&ie=/sdarticle.pdf)
- Bakillah, Mohamed and Mir Abolfazl Mostafavi (2011), *A Fuzzy Logic Semantic Mapping Approach for Fuzzy Geospatial Ontologies*, (SEMAYRO 2011: The Fifth International Conference on Advances in Semantic Processing), 8 p., http://www.thinkmind.org/index.php?view=article&articleid=semayro_2011_1_40_50106

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Beck, Gerald and Cordula Kropp (2011), “Infrastructures of risk: a mapping approach towards controversies on risks”, *Journal of Risk Research*, Vol. 14, No. 1, January, pp. 1-16, <http://dx.doi.org/10.1080/13669877.2010.505348>
- Beekhuizen, J., R. Vermeulen, H. Kromhout, A. Bürgi and A. Huss (2013), “Geospatial modelling of electromagnetic fields from mobile phone base stations”, *Science of the Total Environment* 445–446 (2013) 202–209, http://ac.els-cdn.com/S004896971201563X/1-s2.0-S004896971201563X-main.pdf?tid=c67f77b8-a776-11e2-9d3f-00000aab0f02&acdnat=1366214115_fa1d13df07e9829df4d32a138815cbb9
- Benítez, Griselda, Arturo Pérez-Vázquez, Martha Nava-Tablada, Miguel Equihua and José Luis Álvarez-Palacios (2012), “Urban expansion and the environmental effects of informal settlements on the outskirts of Xalapa city, Veracruz, Mexico”, *Environment and Urbanization*, Vol 24, No. 1, pp. 149-166, <http://eau.sagepub.com/content/24/1/149.full.pdf+html>
- Bernard, Lars, Stephan Mäs, Matthias Müller, Christin Henzen and Johannes Brauner (2013), “Scientific geodata infrastructures: challenges, approaches and directions”, *International Journal of Digital Earth*, (first published: 10 Apr 2013), 22 p., <http://www.tandfonline.com/doi/pdf/10.1080/17538947.2013.781244>
- Beveridge, Carrie, Gary Kocurek, Ryan C. Ewing, Nicholas Lancaster, P. Morthekai, Ashok K. Singhvi and Shannon A. Mahan, (2006), “Development of Spatially Diverse and Complex Dune-Field Patterns: Gran Desierto Dune Field, Sonora, Mexico”, *Sedimentology*, 53, pp. 1391-1409, <http://www.blackwell-synergy.com/doi/ref/10.1111/j.1365-3091.2006.00814.x?prevSearch=fulltextfield%3A%28climate+change+gis%29+and+%28allfield%3A%28mexico%29%29>
- Bhattacharai, Rabin and Dushmata Dutta (2007), “Estimation of Soil Erosion and Sediment Yield Using GIS at Catchment Scale”, *Water Resour Manage* 21, pp.1635–1647, <http://www.springerlink.com/content/d5q7378114216u5p/fulltext.pdf>
- Bill, Ralf, Edward Nash and Görres Grenzdörffer (2012), “GIS in Agriculture”, in Kresse, Wolfgang and David M. Danko, *Springer Handbook of Geographic Information*, Springer-Verlag Berlin Heidelberg, pp. 795-819, <http://www.springerlink.com/content/kx81537t86q81p17/fulltext.pdf>
- Bittner, Thomas (2011), “Vagueness and the trade-off between the classification and delineation of geographic regions – an ontological analysis”, *International Journal of Geographical Information Science*, Vol. 25, No. 5, May, pp. 825–850, <http://www.tandfonline.com/doi/pdf/10.1080/13658816.2010.503191>
- Blaschke, T., (2010), “Object based image analysis for remote sensing”, *ISPRS Journal of Photogrammetry and Remote Sensing* 65, pp. 2-16, <http://www.sciencedirect.com/science?ob=MImg&imagekey=B6VF4-4X3MR61-1->

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

[F& cdi=6000& user=1769407& pii=S0924271609000884& origin=search& zone=rs
lt_list_item& coverDate=01%2F31%2F\(2010\)& sk=999349998&wchp=dGLbVIW-
zSkzS&md5=5a20c04010ab67671dfb9a65a94312bf&ie=/sdarticle.pdf](https://www.scribd.com/document/1769407/S0924271609000884?origin=search&zone=rs&list_item&coverDate=01%2F31%2F(2010)&sk=999349998&wchp=dGLbVIW-zSkzS&md5=5a20c04010ab67671dfb9a65a94312bf&ie=/sdarticle.pdf)

Bocco Verdinelli, Gerardo and Víctor M. Toledo, (1997), “Integrating Peasant Knowledge and Geographic Information Systems: A Spatial Approach to Sustainable Agriculture”, in *Indigenous Knowledge and Development Monitor*, Vol. 5, Issue 2, August 1997, pp. 1013. (en formato digital).

Bocco Verdinelli, Gerardo y Mario Arturo Ortíz, (1994), “Definición de unidades espaciales para el ordenamiento ecológico”, en *Jaina*, 5(1), pp. 8-9. (en formato digital).

Bocco Verdinelli, Gerardo, Ángel Prieto y Helena Cloter, (2005), “La geografía física y el ordenamiento ecológico del territorio: experiencias en México”, *Gaceta Ecológica*, julio-septiembre, No. 76, pp. 23-34,
<http://redalyc.uaemex.mx/redalyc/pdf/539/53907604.pdf>

Bocco Verdinelli, Gerardo, José L. Palacio P. Y Carlos R. Valenzuela, (1991), “Integración de la percepción remota y los sistemas de información geográfica”, en *Ciencia y Desarrollo*, Vol. XVII, No. 97, pp. 79-88. (en formato digital).

Bocco, G., M. Mendoza, A. Velázquez (2001), “Remote sensing and GIS-based regional geomorphological mapping—a tool for land use planning in developing countries” *Geomorphology* 39, pp.211–219, (en formato digital).

Bocco, Gerardo, Manuel E. Mendoza, Ángel Priego y Ana Burgos (S/F) *La cartografía de sistemas naturales como base geográfica para la planificación territorial: una revisión de la bibliografía*, (Artículo aceptado en la Revista Gaceta Ecológica, Nueva Época. Algunas partes del presente trabajo han sido modificadas de: M. Mendoza y G. Bocco. 1998. Instituto de Geografía, Univ. Nal. Autón. México. *Serie Varia [17]: 25 – 55*), 33 p, (en formato digital).

Bocco, Gerardo, Manuel Mendoza y Ornar R. Maserá (2001), “La dinámica del cambio del uso del suelo en Michoacán. Una propuesta metodológica para el estudio de los procesos de deforestación”, *Investigaciones Geográficas, Boletín del Instituto de Geografía*, Núm. 44., pp. 18-38,
<http://www.igeograf.unam.mx/instituto/publicaciones/boletin/bol44/b44art2.pdf>

Bojórquez-Tapia, Luis A., Salomón Díaz-Mondragón and Exequiel Ezcurra, (2001), “GIS-based Approach for Participatory Decision Making and Land Suitability Assessment”, *International Journal of Geographical Information Science*, Vol. 15, No. 2, pp. 129-151, (en formato digital).

Bonilla-Moheno, Martha, Daniel J. Redo, T. Mitchell Aide, Matthew L. Clark and H. Ricardo Grau (2013), “Vegetation change and land tenure in Mexico: A country-wide analysis”, *Land Use Policy* 30, pp. 355-364, <http://ac.els-cdn.com/S0264837712000634/1-s2.0->

[S0264837712000634-main.pdf?_tid=0d38e792-a6e7-11e2-ae51-00000aab0f6b&acdnt=1366152386_0ec06b1707bc151a7525c15cdb10726a](http://www.els-cdn.com/S0264837712000634-main.pdf?_tid=0d38e792-a6e7-11e2-ae51-00000aab0f6b&acdnt=1366152386_0ec06b1707bc151a7525c15cdb10726a)

Bosque Sendra, Joaquín y Rosa C. García, (2000), El uso de los sistemas de información geográfica en la planificación territorial, *Anales de Geografía de la Universidad Complutense*, 20, pp. 49-67,

<http://www.ucm.es/BUCM/revistas/ghi/02119803/articulos/AGUC0000110049A.PDF>

Boyd, D. S. and G. M. Foody (2011), “An overview of recent remote sensing and GIS based research in ecological informatics”, *Ecological Informatics* 6, pp. 25-36, http://ac.els-cdn.com/S1574954110000828/1-s2.0-S1574954110000828-main.pdf?_tid=5ec06678b19820654ebaf9605cbebec&acdnt=1339438137_249b9dee48a504fbd4840046e1b0b27

Boyd, D.S. and G. M. Foody (2011), “An overview of recent remote sensing and GIS based research in ecological informatics”, *Ecological Informatics* 6, pp. 25–36, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B7W63-50KRY3-2-1&_cdi=28539&_user=1769407&_pii=S1574954110000828&_origin=search&_zone=slt_list_item&_coverDate=01%2F31%2F2011&_sk=999939998&_wchp=dGLbVzzSkWA&_md5=3269defac656b589b6950ed8dc15c250&_ie=/sdarticle.pdf

Boyd, D.S. and G.M. Foody, (2011), “An overview of recent remote sensing and GIS based research in ecological informatics”, *Ecological Informatics* 6, pp. 25-36, [http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B7W63-50KRY3-2-1&_cdi=28539&_user=1769407&_pii=S1574954110000828&_origin=search&_zone=slt_list_item&_coverDate=01%2F31%2F\(2011\)&_sk=999939998&_wchp=dGLbVIW-zSkzS&_md5=3269defac656b589b6950ed8dc15c250&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B7W63-50KRY3-2-1&_cdi=28539&_user=1769407&_pii=S1574954110000828&_origin=search&_zone=slt_list_item&_coverDate=01%2F31%2F(2011)&_sk=999939998&_wchp=dGLbVIW-zSkzS&_md5=3269defac656b589b6950ed8dc15c250&_ie=/sdarticle.pdf)

Brauner, Johannes (2012), “Ad-hoc-Geoprocessing in Spatial Data Infrastructures – Formalizations for Geooperators”, Hardy Pundt, Lars Bernard (eds.), Regionales Innovationszentrum für nachhaltiges Wirtschaften und Umwelt-/Geoinformation Band 2, (Proceedings 1st AGILE PhD School, March 13-14, 2012, Wernigerode, Germany, Shaker Verlag, Aachen), pp. 89-98, http://agile.gis.geo.tu-dresden.de/web/images/phddocs/Proceedings_AGILE_PhD_School_2012.pdf#page=93

Brenner, Jacob C., Zachary Christman and John Rogan (2012), “Segmentation of Landsat Thematic Mapper imagery improves buffelgrass (*Pennisetum ciliare*) pasture mapping in the Sonoran Desert of Mexico”, *Applied Geography* 34, pp. 569-575, http://ac.els-cdn.com/S0143622812000203/1-s2.0-S0143622812000203-main.pdf?_tid=a3fc1117619c7aa4e945ca1b66b02a17&acdnt=1339449905_4da3fb94a43c2f38998efe1b172c9ee2

Brown, Daniel G., Rick Riolo, Derek T. Robinson, Michael North and William Rand, (2005), “Spatial Process and Data Models: Toward Integration of Agent-Based Models and GIS”, *Journal Geographical Systems*, 7, pp. 25-47, http://www.cscs.umich.edu/CSCS/research/projects/sluc/publications/Brown_et_al_2005.pdf

- Brown, Greg (2012), “An empirical evaluation of the spatial accuracy of public participation GIS (PPGIS) data”, *Applied Geography* 34, pp. 289-294, http://ac.els-cdn.com/S0143622811002402/1-s2.0-S0143622811002402-main.pdf?_tid=3481c1ca398ea9df07b7e7f6832dcf16&acdnat=1339441707_2db5ba2d38a08c5be9f1ced4f9b4da0e
- Buenrostro, Otoniel, Manuel Mendoza, Erna López Granados y Davide Geneletti (2008), "Analysis of land suitability for the siting of inter-municipal landfills in the Cuitzeo Lake Basin, Mexico", *Waste Management* 28, pp. 1137–1146, [http://www.ciga.unam.mx/investigadores/zacatuche/PDF/611Articulos%20de%20investigacion%20en%20revistas%20arbitradas/6114Revistas%20Internacionales%20\(indexadas%20en%20el%20science%20citation%20index\)/6114-14.pdf](http://www.ciga.unam.mx/investigadores/zacatuche/PDF/611Articulos%20de%20investigacion%20en%20revistas%20arbitradas/6114Revistas%20Internacionales%20(indexadas%20en%20el%20science%20citation%20index)/6114-14.pdf)
- Campos, Minerva, Alejandro Velázquez, Gerardo Bocco Verdinelli, Margaret Skutsch, Martí Boada Juncà and Ángel Guadalupe Priego-Santander (2012), “An interdisciplinary approach to depict landscape change drivers: A case study of the Ticuiz agrarian community in Michoacan, Mexico”, *Applied Geography* 32, pp. 409-419, http://ac.els-cdn.com/S0143622811001202/1-s2.0-S0143622811001202-main.pdf?_tid=abd277102fa0b02500576a31c08530a0&acdnat=1339438636_d6fcf367c8810a7cc626e3ecdc3fc55f
- Cayuela, Luis, José María Rey Benayas, Ana Justel and Javier Salas-Rey, (2006), "Modelling Tree Diversity in a Highly Fragmented Tropical Montane Landscape”, *Global Ecology and Biogeography*, Vol. 15, Issue 6, pp. 602–613, <http://www.blackwell-synergy.com/doi/suppl/10.1111/j.1466-8238.2006.00255.x>
- Chakhar, Salem, (2003), “Enhancing Geographical Information Systems Capabilities with Multi-Criteria Evaluation Functions”, *Journal of Geographic Information and Decision Analysis*, Vol. 7, No. 2, pp. 47 – 71, <http://www.geodec.org/Chakhar.pdf>
- Chen, H., M.D. Wood, C. Linstead and E. Maltby (2011), “Uncertainty analysis in a GIS-based multi-criteria analysis tool for river catchment management”, *Environmental Modelling & Software* 26, pp. 395-405, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VHC-51CRWK8-1-H&_cdi=6063&_user=1769407&_pii=S1364815210002586&_origin=search&_zone=rs_ltl_list_item&_coverDate=04%2F30%2F2011&_sk=999739995&_wchp=dGLbVtb-zSkzk&_md5=ea9908570a75288bbf220b779c4b81fa&_ie=/sdarticle.pdf
- Chen, Shaopei, Jianjun Tan, Christophe Claramunt and Cyril Ray (2011), “Multi-scale and multi-modal GIS-T data model”, *Journal of Transport Geography* 19, pp. 147–161, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VG8-4XFNCPS-1-C&_cdi=6032&_user=1769407&_pii=S0966692309001458&_origin=search&_zone=rs_ltl_list_item&_coverDate=01%2F31%2F2011&_sk=999809998&_wchp=dGLbVtb-zSkzk&_md5=87b45dddf34ad44e1eb1248ce3417586&_ie=/sdarticle.pdf

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Chen, Yu, Bernard Fingleton, Gwilym Pryce, Albert S. Chen and Slobodan Djordjević (2013), “Implications of rising flood-risk for employment location: a GMM spatial model with agglomeration and endogenous house price effects”, *Journal of Property Research*, (Version of record first published: 21 Feb 2013), 26 p., <http://www.tandfonline.com/doi/pdf/10.1080/09599916.2013.765499>
- Chowdhury, Rinku Roy, (2006), “Driving Forces of Tropical Deforestation: The Role of Remote Sensing and Spatial Models”, *Singapore Journal of Tropical Geography*, Vol. 27, Issue 1, March, pp. 82–101, <http://www.blackwell-synergy.com/doi/ref/10.1111/j.1467-9493.2006.00241.x?prevSearch=fulltextfield%3A%28climate+change+gis%29+and+%28allfield%3A%28mexico%29%29>
- Comber, A. J., C. F. Brunsdon and C.J.Q. Farmer (2012), “Community detection in spatial networks: Inferring land use from a planar graph of land cover objects”, *International Journal of Applied Earth Observation and Geoinformation* 18, pp. 274-282, http://ac.els-cdn.com/S0303243412000220/1-s2.0-S0303243412000220-main.pdf?_tid=7909f2217e77b03a33067583cff14ff6&acdnat=1339441074_c9dc17e6a321b9e4acbf520b7ac36ba8
- Corcoran, Padraig, Peter Mooney, Michela Bertolotto (2011), “Utilizing geometric coherence in the computation of map transformations”, *Computers & Geosciences* (Article in press), 9 p., http://ac.els-cdn.com/S0098300411004183/1-s2.0-S0098300411004183-main.pdf?_tid=f823867b5a9bbf749855887071745b6e&acdnat=1339088645_7bc23937eeba931ceaa8feb98131e5c9
- Crooks, Andrew T. and Christian J.E. Castle (2012), “The Integration of Agent-Based Modelling and Geographical Information for Geospatial Simulation”, *Agent-Based Models of Geographical Systems*, Part 3, pp. 219-251, <http://www.springerlink.com/content/mn174672166g2518/fulltext.pdf>
- Cui, Can, Jiechen Wang, Yingxia Pu, Jinsong Ma and Gang Chen (2012), “GIS-based method of delimitating trade area for retail chains”, *International Journal of Geographical Information Science*, iFirst, pp. 1-17, <http://www.tandfonline.com/doi/pdf/10.1080/13658816.2012.661058>
- Davison, A. C. and M. M. Gholamrezaee (2012), “Geostatistics of extremes”, *Proceedings of the Royal Society* 468, pp. 581–608, <http://rspa.royalsocietypublishing.org/content/468/2138/581.full.pdf+html>
- Durán, E., D. B. Bray, A. Velázquez and A. Larrazábal, (2011) “Multi-Scale Forest Governance, Deforestation, and Violence in Two Regions of Guerrero, Mexico”, *World Development*, Vol. 39, No. 4, pp. 611-619, http://ac.els-cdn.com/S0305750X10001865/1-s2.0-S0305750X10001865-main.pdf?_tid=3e1717f832e677a375c93762304e8067&acdnat=1339439316_e21c504c4831ca49c80f5ffa7c981769

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Elwood, Sarah, (2006), "Deconstructions, Reconstructions, and New Research Directions", *Transactions in GIS*, 10(5), pp. 693–708, <http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-9671.2006.01023.x>
- Erener, Arzu, Sebnem Düzgün and Ahmet Cevdet Yalciner (2012), "Evaluating land use/cover change with temporal satellite data and information systems", *Procedia Technology* 1, pp. 385-389, http://ac.els-cdn.com/S2212017312000801/1-s2.0-S2212017312000801-main.pdf?_tid=f19aeac0aabac7fa35a321251bc84120&acdnat=1339451058_17de30c740c3312e8bd2ae71bbcee32e
- Evangelou, Evangelos and Zhengyuan Zhu (2012), "Optimal predictive design augmentation for spatial generalised linear mixed models", *Journal of Statistical Planning and Inference* (Article in press), 12 p., http://ac.els-cdn.com/S037837581200198X/1-s2.0-S037837581200198X-main.pdf?_tid=ec5a76ba8a50ca26968c1aace6504c30&acdnat=1339024668_9c8441d668eee90ffd1049ba97c7bdeb
- Fabbri, Kristian, Marco Zuppiroli and Keoma Ambrogio (2012), "Heritage buildings and energy performance: Mapping with GIS tools", *Energy and Buildings* 48, pp. 137-145, http://ac.els-cdn.com/S0378778812000333/1-s2.0-S0378778812000333-main.pdf?_tid=d0ce2bc1960d84c39a0ef0706bca8077&acdnat=1339193789_a6682d42d6103ea3ea6b585e9efbda23
- Fernandes, J. P., N. Guiomar and A. P. Soares, (2006), "Geometries in Landscape Ecology", *Journal of Mediterranean Ecology*, Vol. 7, No.1-2-3-4, pp. 3-13, <http://www.jmecology.com/%5Cpdf%5C2006%5CFernandes3-13.pdf>
- Fiorese, Giulia and Giorgio Guariso, (2010), "A GIS-based approach to evaluate biomass potential from energy crops at regional scale", *Environmental Modelling & Software* 25, pp 702–711, [http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VHC-4XW6SY8-1-9&_cdi=6063&_user=1769407&_pii=S1364815209002977&_origin=&_coverDate=06%2F30%2F\(2010\)&_sk=999749993&_view=c&_wchp=dGLbVzb-zSkWb&md5=07409f189d8e441ab624d992ac8d482a&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VHC-4XW6SY8-1-9&_cdi=6063&_user=1769407&_pii=S1364815209002977&_origin=&_coverDate=06%2F30%2F(2010)&_sk=999749993&_view=c&_wchp=dGLbVzb-zSkWb&md5=07409f189d8e441ab624d992ac8d482a&ie=/sdarticle.pdf)
- Fiorucci, F., M. Cardinali, R. Carlà, M. Rossi, A.C. Mondini, L. Santurri, F. Ardizzone and F. Guzzetti (2011), "Seasonal landslide mapping and estimation of landslide mobilization rates using aerial and satellite images", *Geomorphology* 129, pp. 59-70, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V93-521M66C-3-F&_cdi=5887&_user=1769407&_pii=S0169555X11000419&_origin=search&_zone=rslt_list_item&_coverDate=06%2F01%2F2011&_sk=998709998&_wchp=dGLbVzb-zSkWA&md5=e11fd8ea8328967b76e2cf16e4738e31&ie=/sdarticle.pdf
- Flores R., Ernesto J. y Alexander Parra U. (1997), "Los Sistemas de Información Geográfica en la clasificación: evaluación de tierras", *Geoenseñanza* 2-(1), pp. 129-141, (en formato digital).

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Forestier, G., A. Puissant, C. Wemmert and P. Gançarski (2012), “Knowledge-based region labeling for remote sensing image interpretation”, *Computers, Environment and Urban Systems*, (Article in press), 11 p., http://ac.els-cdn.com/S019897151200004X/1-s2.0-S019897151200004X-main.pdf?_tid=e59613fc77b6941db01aa3e4d05815b5&acdnat=1339090255_7d7dff3a20b2a1b936d4ae21a7e0f68c
- Gallo, John and Michael Goodchild (2012), “Mapping Uncertainty in Conservation Assessment as a Means Toward Improved Conservation Planning and Implementation”, *Society & Natural Resources: An International Journal*, 25:1, pp. 22-36, <http://dx.doi.org/10.1080/08941920.2011.578119>
- Geomorphology Editorial (2008), "GIS technology and models for assessing landslide hazard and risk", *Geomorphology* 94, pp. 257–260, (en format digital).
- Ghermandi, Andrea and Paulo A.L.D. Nunes (2013), “A global map of coastal recreation values: Results from a spatially explicit meta-analysis”, *Ecological Economics* 86, pp. 1-15, http://ac.els-cdn.com/S0921800912004284/1-s2.0-S0921800912004284-main.pdf?_tid=5ae14654-a86f-11e2-9808-00000aacb362&acdnat=1366320879_48e51fe9f2f28d2a3dec40fe32113778
- Ghilardi, Adrián, Gabriela Guerrero and Omar Masera, (2009), “A GIS-based methodology for highlighting fuelwood supply/demand imbalances at the local level: A case study for Central Mexico”, *Biomass and Bioenergy* 33, pp. 957-972, [http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V22-4VWJ1P8-1-2&_cdi=5690&_user=1769407&_pii=S0961953409000415&_origin=search&_zone=rs_lit_list_item&_coverDate=07%2F31%2F\(2009\)&_sk=999669993&_wchp=dGLbVlW-zSkzV&_md5=dc245f46a687bb772611a4daca808b51&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V22-4VWJ1P8-1-2&_cdi=5690&_user=1769407&_pii=S0961953409000415&_origin=search&_zone=rs_lit_list_item&_coverDate=07%2F31%2F(2009)&_sk=999669993&_wchp=dGLbVlW-zSkzV&_md5=dc245f46a687bb772611a4daca808b51&_ie=/sdarticle.pdf)
- Gold, Christopher M., (2006), “What is GIS and What is Not?”, *Transactions in GIS*, 10(4) pp. 505–519, <http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-9671.2006.01009.x>
- Goodchild, M. F., (2006), "GIScience Ten Years after Ground Truth", *Transactions in GIS*, 10(5), pp. 687–692, <http://www.blackwell-synergy.com>
- Goodchild, Michael F. (2010), “Twenty years of progress: GIScience in 2010”, *Journal of Spatial Information Science*, Number 1, pp. 3–20, <http://www.josis.org/index.php/josis/article/view/32/33>
- Goodchild, Michael F. (2011), “Scale in GIS: An overview”, *Geomorphology* 130, pp. 5–9, http://ac.els-cdn.com/S0169555X10004332/1-s2.0-S0169555X10004332-main.pdf?_tid=a56590f087bfc871a9aaafeb7d911e84&acdnat=1339004331_12a838404a438c2fe8636d27dd555d3c

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Goodchild, Michael F. and Robert P. Haining, (2004), “GIS and Spatial Data Analysis: Converging Perspectives”, *Papers in regional Science*, 83, pp. 363–385, <http://www.blackwell-synergy.com/action/doi/pdf/10.1007/s10110-003-0190-y->
- Graymore, Michelle L. M., Anne M. Wallis and Anneke J. Richards (2009), “An Index of Regional Sustainability: A GIS-based multiple criteria analysis decision support system for progressing sustainability”, *Ecological Complexity* 6, pp. 453–462, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B7CRV-4XCY435-1-9&_cdi=18004&_user=1769407&_pii=S1476945X09000841&_origin=search&_zone=rslt_list_item&_coverDate=12%2F31%2F2009&_sk=999939995&_wchp=dGLbVtb-zSkzk&_md5=3b5ea35102d9137658373d0635696682&_ie=/sdarticle.pdf
- Greve, Mogens H., Rania Bou Kheir, Mette B. Greve and Peder K. Bøcher (2012), “Quantifying the ability of environmental parameters to predict soil texture fractions using regression-tree model with GIS and LIDAR data: The case study of Denmark”, *Ecological Indicators* 18, pp. 1–10, http://ac.els-cdn.com/S1470160X11003475/1-s2.0-S1470160X11003475-main.pdf?_tid=44b75039bc6695179b3e12e47815bafa&_acdnat=1339006344_a0323a5191ef2e516cc16e24f7a1afc7
- Guney, Caner, Suzan Akdag Girginkaya, Gulen Cagdas and Sinem Yavuz (2012), “Tailoring a geomodel for analyzing an urban skyline”, *Landscape and Urban Planning* 105, pp. 160-173, http://ac.els-cdn.com/S0169204611003677/1-s2.0-S0169204611003677-main.pdf?_tid=5ecaf3fda7466bccf701f638d66b62bb&_acdnat=1339196640_c8fc9a9c92047fd7da9f467fbc388c7b
- Harris Richard, Peter Hopkinson, Sarah McCaffrey and Lynn Huntsinger, (1997), “Comparison of a Geographical Information System versus Manual Techniques for Land Cover Analysis in a Riparian Restoration Project”, in *Journal Soil and Water Conservation*, March-April 1997, pp. 112-117. (en formato digital).
- Hea, Chansheng, Stephen B. Malcolmb, Kenneth A. Dahlbergc and Bojie Fud (2000), “A conceptual framework for integrating hydrological and biological indicators into watershed management”, *Landscape and Urban Planning* 49, 25-34, (en format digital).
- Heli, Lu, Qin Yaochen, Zhang Lijun, Lu Chaojun and Lu Fengxian (2012), “A Case Study of Model-Based Satellite Image Fusion”, *Procedia Engineering* 37, pp. 268-273, http://ac.els-cdn.com/S1877705812018875/1-s2.0-S1877705812018875-main.pdf?_tid=cf3a6574681c186e5de4db79637b8752&_acdnat=1338935389_617fcb50a71196e9115ce4c3b8c64083
- Howe, Peter D., Brent Yarnal, Alex Coletti and Nathan J. Wood (2013), “The Participatory Vulnerability Scoping Diagram: Deliberative Risk Ranking for Community Water Systems”, *Annals of the Association of American Geographers*, 103(2), pp. 343-352, <http://www.tandfonline.com/doi/pdf/10.1080/00045608.2013.754673>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Ismail Jasmin and S. Ravichandran (2008), “RUSLE2 Model Application for Soil Erosion Assessment Using Remote Sensing and GIS”, *Water Resour Manage* 22, pp.83-102, <http://www.springerlink.com/content/uk3208r2718616n1/fulltext.pdf>
- Jackson, Bethanna, Timothy Pagella, Fergus Sinclair, Barbara Orellana, Alex Henshaw, Brian Reynolds, Neil McIntyre, Howard Wheeler and Amy Eycott (2013), “Polyscape: A GIS mapping framework providing efficient and spatially explicit landscape-scale valuation of multiple ecosystem services”, *Landscape and Urban Planning* 112, pp. 74-88, http://ac.els-cdn.com/S0169204612003532/1-s2.0-S0169204612003532-main.pdf?_tid=9519e558-a86d-11e2-a426-00000aab0f02&acdnat=1366320118_048d16a73e8e78a36c58bb3b9eef6bba
- Jalan, Seema and Baldeo Singh Sokhi (2012), “Comparison of different pan-sharpening methods for spectral characteristic preservation: multi-temporal CARTOSAT-1 and IRS-P6 LISS-IV imagery”, *International Journal of Remote Sensing*, Volume 33, Issue18, pp.5629-5643, <http://dx.doi.org/10.1080/01431161.2012.666811>
- Jankowski, Piotr and Timothy Nyerges, (2001), “GIS-Supported Collaborative Decision Making: Results of a Experiment”, *Annals of the Association of American Geographers*, Vol. 91, No. 1, March, pp. 48-70, <http://www.blackwell-synergy.com/links/doi/10.1111/0004-5608.00233/abs/>
- Jiang, Bin and Xiaobai Yao, (2006), “Location-Based Services and GIS in Perspective”, *Computers, Environment and Urban Systems*, 30, pp. 712–725, <http://www.hig.se/~bjg/LBS.pdf>
- Jiang, Bin and Xintao Liu (2012), “Scaling of geographic space from the perspective of city and field blocks and using volunteered geographic information”, *International Journal of Geographical Information Science*, Vol. 26, No. 2, pp. 215-229, <http://www.tandfonline.com/doi/pdf/10.1080/13658816.2011.575074>
- Johnson, Richard K., Mike T. Furse, Daniel Hering and Leonard Sandin, (2007), “Ecological Relationships between Stream Communities and Spatial Scale: Implications for Designing Catchmentlevel Monitoring Programmes”, *Freshwater Biology*, pp. 1-20, <http://www.blackwell-synergy.com>
- Jones, Phil and James Evans (2012), “The spatial transcript: analysing mobilities through qualitative GIS”, *Area*, Volume 44, Issue 1, pp. 92-99, <http://onlinelibrary.wiley.com/doi/10.1111/j.1475-4762.2011.01058.x/pdf>
- Kanevski, Mikhail (2013), *A Methodology for Automatic Analysis and Modeling of Spatial Environmental Data*, (GEOProcessing 2013: The Fifth International Conference on Advanced Geographic Information Systems, Applications, and Services, February 24-March 1, 2013, Nice, France), 3 p., http://www.thinkmind.org/index.php?view=article&articleid=geoprocessing_2013_5_1_0_30085

- Kragt, M. E., L. T. H. Newham, J. Bennett and A. J. Jakeman (2011), “An integrated approach to linking economic valuation and catchment modeling”, *Environmental Modelling & Software* 26, pp. 92-102, http://ac.els-cdn.com/S1364815210000940/1-s2.0-S1364815210000940-main.pdf?_tid=3e31b26f49268dd33c27a1d40f93c0ab&acdnat=1339433675_92e2d8ef3ceda88e19a4abff2cfa1b10
- Krishnamurthy, P. Krishna, Joshua B. Fisher and Craig Johnson, (2011), “Mainstreaming local perceptions of hurricane risk into policymaking: A case study of community GIS in Mexico”, *Global Environmental Change* 21, pp. 143–153, [http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VFV-5166VK8-1-K&_cdi=6020&_user=1769407&_pii=S0959378010000828&_origin=search&_zone=slt_list_item&_coverDate=02%2F28%2F\(2011\)&_sk=999789998&_wchp=dGLbVIW-zSkzV&md5=a059f72a2f36e7e05423220fca0154df&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VFV-5166VK8-1-K&_cdi=6020&_user=1769407&_pii=S0959378010000828&_origin=search&_zone=slt_list_item&_coverDate=02%2F28%2F(2011)&_sk=999789998&_wchp=dGLbVIW-zSkzV&md5=a059f72a2f36e7e05423220fca0154df&ie=/sdarticle.pdf)
- Kuzyk, Les W. (2011), “The ecological footprint housing component: A geographic information system analysis”, *Ecological Indicators*, Article in press, pp. 1-9, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6W87-52M3GTM-1-1&_cdi=6647&_user=1769407&_pii=S1470160X11000628&_origin=mlkt&_zone=rslt_list_item&_coverDate=04%2F13%2F2011&_sk=999999999&_wchp=dGLbVtz-zSkzk&md5=0d16d02bfd7d26e223e2115e0899f5f9&ie=/sdarticle.pdf
- Kwan, Mei-Po, (2004), “GIS Methods in Time-Geographic Research: Geocomputation and Geovisualization of Human Activity Patterns”, *Geografiska Annaler*, 86 B, 4, pp. 267-280, <http://www.blackwell-synergy.com/doi/pdf/10.1111/j.0435-3684.2004.00167.x>
- Lai, Sabrina and Corrado Zoppi (2011), “An Ontology of the Strategic Environmental Assessment of City Masterplans”, *Future Internet* 3, pp. 362-378, <http://www.mdpi.com/1999-5903/3/4/362>
- Lambin, Eric F., (1997), “Modelling and Monitoring Land-cover Change Processes in Tropical Regions”, in *Progress in Physical Geography*, 21, 3, pp. 375-393. (en formato digital).
- Lambin, Eric F., (1999), “Monitoring Forest Degradation in Tropical Regions by Remote Sensing: Some Methodological Issues”, *Global Ecology and Biogeography*, 8, pp. 191–198, <http://www.blackwell-synergy.com/links/doi/10.1046/j.1365-2699.1999.00123.x>
- Lambin, Eric F., Helmut J. Geist, and Erika Lepers, (2003), “Dynamics of Land-Use and Land-Cover Change in Tropical Regions”, *Annual Review of Environment and Resources*, 28, pp. 205-241, http://www.usf.uni-kassel.de/ftp/lehre/priess/Lambin-et-al-2003_dynamics-of-LUCC-in-tropical-regions.pdf
- Laterra, Pedro, María E. Orúe and Gisel C. Booman (2012), “Spatial complexity and ecosystem services in rural landscapes”, *Agriculture, Ecosystems and Environment* 154, pp. 56-67, <http://ac.els-cdn.com/S0167880911001538/1-s2.0-S0167880911001538->

[main.pdf?_tid=5b24e2bb620d1428b80ee26032819840&acdnat=1339440567_c8841643bb78899eca6997dd4a30eb64](http://ac.els-cdn.com/S1476945X12000396/1-s2.0-S1476945X12000396-main.pdf?_tid=5b24e2bb620d1428b80ee26032819840&acdnat=1339440567_c8841643bb78899eca6997dd4a30eb64)

Lechner, Alex M., William T. Langford, Simon D. Jones, Sarah A. Bekessy and Ascelin Gordon (2012), “Investigating species–environment relationships at multiple scales: Differentiating between intrinsic scale and the modifiable areal unit problem”, *Ecological Complexity* (Article in press), 12 p., http://ac.els-cdn.com/S1476945X12000396/1-s2.0-S1476945X12000396-main.pdf?_tid=1ca3e3c8dd24cb6ceae3751f31938c5c&acdnat=1339449434_071b98dd73eae9fbb39c20bd743c589f

Liu, Suxia and Xuan Zhu, (2004), “An Integrated GIS Approach to Accessibility Analysis”, *Transactions in GIS*, 8 (1), pp. 45-62, <http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-9671.2004.00167.x>

Liu, Yong, Ling Bian, Yuhong Meng, Huanping Wang, Shifu Zhang, Yining Yang, Xiaomin Shao and Bo Wang (2012), “Discrepancy measures for selecting optimal combination of parameter values in object-based image analysis”, *ISPRS Journal of Photogrammetry and Remote Sensing* 68, pp. 144-156, http://ac.els-cdn.com/S0924271612000342/1-s2.0-S0924271612000342-main.pdf?_tid=77aa3bbd39fadd204147a6aa6e2895ca&acdnat=1339438374_2a5492d3e1012bf3f1739d4a5b57dc0a

López Granados, Erna Martha, Gerardo Bocco y Manuel Eduardo Mendoza Cantú, (2001), “Predicción del cambio de cobertura y uso del suelo: el caso de la ciudad de Morelia”, *Boletín del Instituto de Geografía UNAM*, No. 45, pp 56-76, <http://www.igeograf.unam.mx/instituto/publicaciones/boletin/bol45/b45art4.pdf>

López, Erna, Gerardo Bocco, Manuel Mendoza and Emilio Duhaub (2001), “Predicting land-cover and land-use change in the urban fringe A case in Morelia city, Mexico”, *Landscape and Urban Planning* 55, pp. 271-285, (en format digital).

López, Erna, Gerardo Bocco, Manuel Mendoza, Alejandro Velázquez and J. Rogelio Aguirre-Rivera, (2006), “Peasant emigration and land-use change at the watershed level: A GIS-based approach in Central Mexico”, *Agricultural Systems* 90, pp. 62-78, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6T3W-4HYN0BV-1-P&_cdi=4957&_user=1769407&_pii=S0308521X05002556&_origin=search&_zone=rslt_list_item&_coverDate=10%2F31%2F2006&_sk=999099998&_wchp=dGLbVIW-zSkzV&_md5=8647ef53b669f3904a8ff10cc5eff923&_ie=/sdarticle.pdf

Luna, Laura y Luis Chias (1999), “El uso de SIG en el análisis de la distribución de accidentes en carreteras: el caso de Tamaulipas, México”, *Investigaciones Geográficas*, Boletín 40, pp. 148-162, <http://www.igeograf.unam.mx/instituto/publicaciones/boletin/bol40/b40art10.pdf>

Luo, Li and Giorgos Mountrakis (2011), “Converting local spectral and spatial information from a priori classifiers into contextual knowledge for impervious surface

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Tercera Semana
Bibliografía

- classification”, *ISPRS Journal of Photogrammetry and Remote Sensing* 66, pp. 579-587, http://ac.els-cdn.com/S0924271611000463/1-s2.0-S0924271611000463-main.pdf?_tid=cf2c30e227b9cc8cb3dea0bd19ab3ffb&acdnat=1339433435_d6bbe7efd766169a23f437d8f6b41667
- Luo, Li and Giorgos Mountrakis (2012), “A multiprocess model of adaptable complexity for impervious surface detection”, *International Journal of Remote Sensing*, Vol. 33, No. 2, 20 January, pp. 365-381, <http://dx.doi.org/10.1080/01431161.2010.532177>
- Mahmoud, Ali, Samy Elbially, Biswajeet Pradhan and Manfred Buchroithner (2011), “Field-based landcover classification using TerraSAR-X texture analysis”, *Advances in Space Research*, Article in press, pp. 1-7, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V3S-52KW0PT-2-9&_cdi=5738&_user=1769407&_pii=S0273117711002420&_origin=search&_zone=rsIt_list_item&_coverDate=04%2F12%2F2011&_sk=999999999&_wchp=dGLbVzb-zSkWA&_md5=4bf403ae1732962459e62e0d4d012f78&_ie=/sdarticle.pdf
- Malczewski, Jacek (2004), “GIS-based land-use suitability analysis: a critical overview”, *Progress in Planning* 62, pp. 3-65, http://eref.uqu.edu.sa/files/eref2/folder2/gis_based_land_use_suitability_analysis_72288.pdf
- Martha, Tapas R., Norman Kerle Cees J. van Westen, Victor Jetten and K. Vinod Kumar (2012), “Object-oriented analysis of multi-temporal panchromatic images for creation of historical landslide inventories”, *ISPRS Journal of Photogrammetry and Remote Sensing* 67, pp. 105-119, http://ac.els-cdn.com/S0924271611001377/1-s2.0-S0924271611001377-main.pdf?_tid=95d695f1e52f11790d315771df049be2&acdnat=1339436598_03d13e7c2955112b83d4edb84efa9842
- McLane, Adam J., Christina Semeniuk, Gregory J. McDermid and Danielle J. Marceau, (2011), “The role of agent-based models in wildlife ecology and management”, *Ecological Modelling* 222, pp. 1544-1556, [http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VBS-528226Y-1-1&_cdi=5934&_user=1769407&_pii=S0304380011000524&_origin=search&_zone=rsIt_list_item&_coverDate=04%2F24%2F\(2011\)&_sk=997779991&_wchp=dGLbVzz-zSkWA&_md5=0ef06170763c67e5d32c0e4699cbcd42&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VBS-528226Y-1-1&_cdi=5934&_user=1769407&_pii=S0304380011000524&_origin=search&_zone=rsIt_list_item&_coverDate=04%2F24%2F(2011)&_sk=997779991&_wchp=dGLbVzz-zSkWA&_md5=0ef06170763c67e5d32c0e4699cbcd42&_ie=/sdarticle.pdf)
- Mendas, Abdelkader and Amina Delali (2012), “Integration of MultiCriteria Decision Analysis in GIS to develop land suitability for agriculture: Application to durum wheat cultivation in the region of Mleta in Algeria”, *Computers and Electronics in Agriculture* 83, pp. 117-126, http://ac.els-cdn.com/S0168169912000336/1-s2.0-S0168169912000336-main.pdf?_tid=ebe30b38af9220782f64f7bbf9f5a266&acdnat=1339196110_111bfc52a81026d8174664ddd2384637

Vigésima Segunda Generación
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Bibliografía

- Mendoza, Manuel E., Erna López Granados, Davide Geneletti, Diego R. Pérez-Salicrup and Vicente Salinas, (2011), "Analysing land cover and land use change processes at watershed level: A multitemporal study in the Lake Cuitzeo Watershed, Mexico (1975-2003)", *Applied Geography* 31, pp. 237-250,
[http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V7K-50GTRBJ-1-K&_cdi=5845&_user=1769407&_pii=S0143622810000627&_origin=search&_zone=slt_list_item&_coverDate=01%2F31%2F\(2011\)&_sk=999689998&_wchp=dGLbVIW-zSkzV&_md5=6149f7cdc97e505a706717e9e2ea3041&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V7K-50GTRBJ-1-K&_cdi=5845&_user=1769407&_pii=S0143622810000627&_origin=search&_zone=slt_list_item&_coverDate=01%2F31%2F(2011)&_sk=999689998&_wchp=dGLbVIW-zSkzV&_md5=6149f7cdc97e505a706717e9e2ea3041&_ie=/sdarticle.pdf)
- Mendoza, Manuel, G. Bocco, M. Bravo, Erna López and W. R. Osterkamp (2006), "Predicting Water-Surface Fluctuation of Continental Lakes: A RS and GIS Based Approach in Central Mexico", *Water Resources Management* 20, pp. 291–311,
<http://www.springerlink.com/content/t13473722137m683/fulltext.pdf>
- México, Instituto Nacional de Estadística Geografía e Informática, (2010), *México en el mundo, edición 2010*, México, INEGI, 671 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/especiales/mexmun/2010_mm/MexMun10.pdf
- México, Instituto Nacional de Estadística Geografía e Informática (2012), *Resultados de la encuesta de posenumeración del Censo de Población y Vivienda 2010*, México, INEGI, 70 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/posenumeracion/Resultados_posenumeracion_v2012.pdf
- México, Instituto Nacional de Estadística y Geografía (2010), *Agenda estadística de los Estados Unidos Mexicanos 2010*, México, INEGI, 114 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/agenda/2010/Agenda_2010.pdf
- México, Instituto Nacional de Estadística y Geografía (2011), *Sistema de Cuentas Nacionales de México: Cuentas económicas y ecológicas de México 2005-2009*, México, INEGI, 170 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/economicas/medio%20ambiente/2009-09/SCEEM2005-2009.pdf
- México, Secretaría de Medio Ambiente y Recursos Naturales, Instituto Nacional de Ecología (2006), *Manual del Proceso de Ordenamiento Ecológico*, México, SEMARNAT, 335 p.,
http://www.semarnat.gob.mx/queessemarnat/politica_ambiental/ordenamientoecologico/Documents/documentos%20ordenamiento/manual_poe.pdf
- Mokrech, Mustafa, Robert J Nicholls and Richard J Dawson (2012), "Scenarios of future built environment for coastal risk assessment of climate change using a GIS-based multicriteria analysis", *Environment and Planning B: Planning and Design*, Vol. 39, pp. 120-136, <http://www.envplan.com/epb/fulltext/b39/b36077.pdf>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Morril, Richard and Jacqueline Dormitzer, (1979), *The Spatial Order: An Introduction to Modern Geography*, USA, Duxbury Press, pp. 31-65. (en formato digital).
- Mulder, V.L., S. de Bruin, M.E. Schaepman and T.R. Mayr, (2011), “The use of remote sensing in soil and terrain mapping — A review”, *Geoderma* 162, pp. 1-19,
[http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V67-52403RP-1-1&_cdi=5807&_user=1769407&_pii=S0016706110003976&_origin=mlkt&_zone=rslt_list_item&_coverDate=04%2F15%2F\(2011\)&_sk=998379998&_wchp=dGLzVzb-zSkWb&_md5=eddf67c39040a9263add14e1f7650802&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V67-52403RP-1-1&_cdi=5807&_user=1769407&_pii=S0016706110003976&_origin=mlkt&_zone=rslt_list_item&_coverDate=04%2F15%2F(2011)&_sk=998379998&_wchp=dGLzVzb-zSkWb&_md5=eddf67c39040a9263add14e1f7650802&_ie=/sdarticle.pdf)
- Neumann, Andreas (2012), “Web Mapping and Web Cartography”, in Kresse, Wolfgang and David M. Danko, *Springer Handbook of Geographic Information*, Springer-Verlag Berlin Heidelberg, pp. 567-587,
<http://www.springerlink.com/content/h6766271g5501651/fulltext.pdf>
- Nguyen, Thao Thi Minh (2012), *Uncertainty in Geomorphometry*, (2011), A Dissertation Presented to the Faculty of the USC Graduate School, University of Southern California. In Partial Fulfillment of the Requirements for the Degree Doctor of Philosophy (Geography), May 2011, 166 p.,
<http://proquest.umi.com/pqdlink?vinst=PROD&attempt=1&fmt=6&startpage=1&ver=1&vname=PQD&RQT=309&did=2429760921&exp=06-06-2017&scaling=FULL&vtype=PQD&rqt=309&cfc=1&TS=1339092580&clientId=85999>
- Niaraki, Abolghasem S. and Kye Hyun Kim (2009), “Ontology based personalized route planning system using a multi-criteria decision making approach” *Expert Systems with Applications* 36, pp. 2250-2259,
http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V03-4RGFCXG-B-H&_cdi=5635&_user=1769407&_pii=S0957417407006902&_origin=search&_zone=rslt_list_item&_coverDate=03%2F31%2F2009&_sk=999639997.7998&_wchp=dGLbVtb-zSkzk&_md5=9a5f626f75f4b584d51240d7bdd5733d&_ie=/sdarticle.pdf
- Nyerges, Timothy L., Mary J. Roderick and Michalis Avraam (2013), “CyberGIS design considerations for structured participation in collaborative problem solving”, *International Journal of Geographical Information Science*, S/V, S/N, pp. 1-16,
<http://www.tandfonline.com/doi/pdf/10.1080/13658816.2013.770516>
- Palacio-Prieto, J.L. et. al (2004), *Indicadores para la caracterización y el ordenamiento territorial*, México, SEDESOL, SEMARNAT, INE, UNAM, 161 p, (en formato digital).
- Pasher, Jon and Douglas J. King (2010), “Multivariate forest structure modelling and mapping using high resolution airborne imagery and topographic information”, *Remote Sensing of Environment* 114, pp. 1718–1732,
http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V6V-4YWS6B5-1-W&_cdi=5824&_user=1769407&_pii=S0034425710000933&_origin=search&_zone=rslt_list_item&_coverDate=08%2F16%2F2010&_sk=998859991&_wchp=dGLzVtb-zSkzV&_md5=938ea602fbd4dc0480e10c00a6dfad91&_ie=/sdarticle.pdf

- Paudel, Sushant and Fei Yuan (2012), “Assessing landscape changes and dynamics using patch analysis and GIS modeling”, *International Journal of Applied Earth Observation and Geoinformation* 16, pp. 66-76, http://ac.els-cdn.com/S0303243411001954/1-s2.0-S0303243411001954-main.pdf?_tid=e205cbf4a5350b579caac037c574cb95&acdnat=1339452376_84672accb22ae7c696e9f186201675d7
- Paul, Manoj and Soumya Kanti Ghosh (2008), “A Framework for Semantic Interoperability for Distributed Geospatial Repositories”, *Computing and Informatics*, Vol. 27, pp. 73-92, <http://www.cai.sk/ojs/index.php/cai/article/view/275/223>
- Pebesma, Edzer J., (2006), "The Role of External Variables and GIS Databases in Geostatistical Analysis", *Transactions in GIS*, 10(4), pp. 615–632, <http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-9671.2006.01015.x>
- Pocewicz, Amy, Max Nielsen-Pincus, Greg Brown and Russ Schnitzer (2012), “An Evaluation of Internet Versus Paper-based Methods for Public Participation Geographic Information Systems (PPGIS)”, *Transactions in GIS*, Vol. 16, Issue 1, pp. 39-53, <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9671.2011.01287.x/pdf>
- Podobnikar, Tomaž (2012), “Detecting Mountain Peaks and Delineating Their Shapes Using Digital Elevation Models, Remote Sensing and Geographic Information Systems Using Autometric Methodological Procedures”, *Remote Sensing* 4, pp. 784-809, <http://www.mdpi.com/2072-4292/4/3/784>
- Quintero, Rolando, Giovanni Guzman, Rolando Menchaca-Mendez, Miguel Torres and Marco Moreno-Ibarra (2012), “An ontology-driven approach for the extraction and description of geographic objects contained in raster spatial data”, *Expert Systems with Applications* 39, pp. 9008–9020, http://ac.els-cdn.com/S0957417412002771/1-s2.0-S0957417412002771-main.pdf?_tid=f5cc831cbe818311aad01c351b04d6e1&acdnat=1339087883_dcf782eadc9f05e91b689872495cf4e9
- Randhir, Timothy O. and Olga Tsvetkova (2011), “Spatiotemporal dynamics of landscape pattern and hydrologic process in watershed systems”, *Journal of Hydrology*, Article in press, pp. 1-12, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V6C-52F85YF-3-1&_cdi=5811&_user=1769407&_pii=S0022169411001880&_origin=search&_zone=rs_l_t_list_item&_coverDate=03%2F21%2F2011&_sk=999999999&_wchp=dGLbVlb-zSkzS&md5=c5eccc2722fa9785cc57778e3c8de6c&ie=/sdarticle.pdf
- Reddy, G. P. Obi, Dipak Sarkar, Jagdish Prasad and V. Ramamurthy (2013), “Geospatial modeling in assessment of biophysical resources for sustainable land resource management”, *Tropical Ecology* 54(2), pp. 227-238, http://www.tropecol.com/pdf/open/PDF_54_2/8-Reddy%20etal.pdf

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Robertson, Laura Dingle and Douglas J. King (2011), “Comparison of pixel- and object-based classification in land cover change mapping”, *International Journal of Remote Sensing*, 32:6, pp. 1505-1529, <http://dx.doi.org/10.1080/01431160903571791>
- Rocchini, Duccio, Giles M. Foody, Harini Nagendra, Carlo Ricotta, Madhur Anand, Kate S. He, Valerio Amici, Birgit Kleinschmit, Michael Förster, Sebastian Schmidlein, Hannes Feilhauer, Anne Ghisla, Markus Metz and Markus Neteler (2012), “Uncertainty in ecosystem mapping by remote sensing”, *Computers & Geosciences* (Accepted manuscript), 36 p., <http://dx.doi.org/10.1016/j.cageo.2012.05.022>
- Rocchini, Duccio, Luca Delucchi, Giovanni Bacaro, Paolo Cavallini, Hannes Feilhauer, Giles M. Foody, Kate S. He, Harini Nagendra, Claudio Porta, Carlo Ricotta, Sebastian Schmidlein, Lucio Davide Spano, Martin Wegmann and Markus Neteler (2012), “Calculating landscape diversity with information-theory based indices: A GRASS GIS solution”, *Ecological Informatics*, (Article in press), 12 p., http://ac.els-cdn.com/S1574954112000295/1-s2.0-S1574954112000295-main.pdf?_tid=ca57b88f5af47f8d236ef2e953e107db&acdnat=1339095803_9937be66be4103124bafc65bf7aacdb9
- Rongqun, Zhang and Zhu Daolin, (2011), “Study of land cover classification based on knowledge rules using high-resolution remote sensing images”, *Expert Systems with Applications* 38, pp. 3647–3652, [http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6V03-5120K1G-6-7&_cdi=5635&_user=1769407&_pii=S0957417410009656&_origin=mlkt&_zone=rslt_list_item&_coverDate=04%2F30%2F\(2011\)&_sk=999619995&_wchp=dGLbVtz-zSkzk&_md5=0954379adfb0bce6cd9207fafa6f70d&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6V03-5120K1G-6-7&_cdi=5635&_user=1769407&_pii=S0957417410009656&_origin=mlkt&_zone=rslt_list_item&_coverDate=04%2F30%2F(2011)&_sk=999619995&_wchp=dGLbVtz-zSkzk&_md5=0954379adfb0bce6cd9207fafa6f70d&_ie=/sdarticle.pdf)
- Roswell, Charles (2012), “Modeling of Geographic Information”, in Kresse, Wolfgang and David M. Danko, *Springer Handbook of Geographic Information*, Springer-Verlag Berlin Heidelberg, pp. 3-17, <http://www.springerlink.com/content/v47035078856v876/fulltext.pdf>
- Rozenstein, Offer and Arnon Karnieli (2011), “Comparison of methods for land-use classification incorporating remote sensing and GIS inputs”, *Applied Geography* 31, pp. 533-544, http://ac.els-cdn.com/S0143622810001517/1-s2.0-S0143622810001517-main.pdf?_tid=4bab27f36f81d2efa0a48a499c217417&acdnat=1339437648_fc660166077d27a9ec6a7ef4685bb63f
- Růžičková, Kateřina, Martina Dohnalová and Jan Růžička (2012), *Sensitivity Analysis of Analysis of Visibility from Line*, (GIS Ostrava 2012 - Surface models for geosciences, January 23-25, 2012, Ostrava), 11 p., http://gis.vsb.cz/GIS_Ostrava/GIS_Ova_2012/sbornik/papers/ruzickova.pdf
- Schirpke, Uta, Erich Tasser and Ulrike Tappeiner (2013), “Predicting scenic beauty of mountain regions”, *Landscape and Urban Planning* 111, pp. 1-12, http://ac.els-cdn.com/S0169204612003271/1-s2.0-S0169204612003271-main.pdf?_tid=093d5f24-

a872-11e2-9808-00000aacb362&acdnat=1366322033_016de4e1da5a6166abe11198955753a9

Schuschny, Andrés Ricardo y Gilberto Carlos Gallopín, (2004), *La distribución espacial de la pobreza en relación a los sistemas ambientales en América Latina*, (Serie medio Ambiente y Desarrollo 87), Santiago de Chile, Naciones Unidas, 43 p.,
<http://www.eclac.org/publicaciones/MedioAmbiente/7/LCL2157P/SERIE87.pdf>

Selkowitz, David J. (2010), “A comparison of multi-spectral, multi-angular, and multi-temporal remote sensing datasets for fractional shrub canopy mapping in Arctic Alaska”, *Remote Sensing of Environment* 114, pp. 1338–1352,
http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6V6V-4YHP7GR-1-W&_cdi=5824&_user=1769407&_pii=S0034425710000349&_origin=search&_zone=slt_list_item&_coverDate=07%2F15%2F2010&_sk=998859992&_wchp=dGLbVlb-zSkzS&_md5=8667ba9a301d919442a9bd6d807be151&_ie=/sdarticle.pdf

Singh, Prafull, Jay Krishana, Thakur and Suyash Kumar (2013), “Delineating groundwater potential zones in a hardrock terrain using geospatial tool”, *Hydrological Sciences Journal – Journal des Sciences Hydrologiques* 58 (1), pp. 213-223,
<http://www.tandfonline.com/doi/pdf/10.1080/02626667.2012.745644>

Sener, Basak, M. Lütfi Süzen and Vedat Doyuran (2006), “Landfill site selection by using geographic information systems”, *Environ Geol* 49, pp. 376-388,
<http://www.springerlink.com/content/y921772rj7067187/fulltext.pdf>

Shahtahmassebi, Amirreza, Zhou-Lu Yu, Ke Wang, Hong-Wei Xu, Jin-Song Deng, Jia-Dan Li, Rui-Sen Luo, Jing Wu and Nathan Moore (2012), “Monitoring rapid urban expansion using a multi-temporal RGB-impervious surface model”, *Applied Physics & Engineering*, Vol. 13, No. 2, pp. 146-158,
<http://www.springerlink.com/content/v61n163251ggm67h/fulltext.pdf>

Sharifi, Ali, Marjan van Herwijnen and Willem van den Toorn (2004), *Spatial Decision Support Systems*, (S/L), Lecture Notes, 234 p, (en format digital).

Sharifi, M., W. Vandentoor, A. Ricoand and M. Emmanuel (2002), “Application of GIS and Multicriteria Evaluation in Locating Sustainable Boundary between the Tunari National Park and Cochabamba City (Bolivia)”, *Journal of Multi-Criteria Decision Analysis* 11, pp. 151–164, (en format digital).

Sheng, Ted C., Robert E. Barrett and Thomas R. Mitchell, (1997), “Using Geographic Information Systems for Watershed Classification and Rating in Developing Countries”, in *Journal of Soil and Water Conservation*, March-April 1997, pp. 84-89. (en formato digital).

Sherrouse, Benson C., Jessica M. Clement and Darius J. Semmens (2011), “A GIS application for assessing, mapping, and quantifying the social values of ecosystem services”, *Applied Geography* 31, pp. 748-760, <http://ac.els-cdn.com/S0143622810000858/1-s2.0->

[S0143622810000858-
main.pdf?_tid=7789c4aa8f2e6a642256a0f54e62d466&acdnat=1339439724_5a2fc55b43136426f6672a602ac16607](http://ac.els-cdn.com/S0143622810000858-main.pdf?_tid=7789c4aa8f2e6a642256a0f54e62d466&acdnat=1339439724_5a2fc55b43136426f6672a602ac16607)

Shi, Wenzhong, Kawai Kwan, Geoffrey Shea and Jiannong Cao (2009), “A dynamic data model for mobile GIS”, *Computers & Geosciences* 35, pp. 2210-2221, http://ac.els-cdn.com/S0098300409001678/1-s2.0-S0098300409001678-main.pdf?_tid=ceac420785524b548fc6dc76964a2893&acdnat=1339088342_d5e2febc39e548e902d05fc3714cbb49

Srivastava, Amit Kumar, Thomas Gaiser, Denis Cornet and Frank Ewert (2012), “Estimation of effective fallow availability for the prediction of yam productivity at the regional scale using model-based multiple scenario analysis”, *Field Crops Research* 131, pp. 32-39, http://ac.els-cdn.com/S0378429012000275/1-s2.0-S0378429012000275-main.pdf?_tid=9a031a5bf3de04f16196e2b22178109f&acdnat=1339449127_2f6e34ad61ef428d955603d6e28c5078

Stanimirović, Aleksandar, Miloš Bogdanović and Leonid Stoimenov (2012), “Methodology and intermediate layer for the automatic creation of ontology instances stored in relational databases”, *Software – Practice and Experience*, 24 p., <http://onlinelibrary.wiley.com/doi/10.1002/spe.2103/pdf>

Steiniger, Stefan and Andrew J. S. Hunter (2012), “Free and Open Source GIS Software for Building a Spatial Data Infrastructure”, in E. Bocher and M. Neteler (eds.), *Geospatial Free and Open Source Software in the 21st Century*, (Lecture Notes in Geoinformation and Cartography), Springer-Verlag Berlin Heidelberg, pp. 247-261, <http://www.springerlink.com/content/k373407242815273/fulltext.pdf>

Stock, Kristin, Gobe Hobona, Carlos Granell, and Mike Jackson (2011), “Ontology-Based Geospatial Approaches for Semantic Awareness in Earth Observation Systems”, *Semantic Web and Beyond*, Vol. 12, pp. 97-118, <http://www.springerlink.com/content/q540611858673452/>

Syrbe, Ralf-Uwe and Ulrich Walz (2012), “Spatial indicators for the assessment of ecosystem services: Providing, benefiting and connecting areas and landscape metrics”, *Ecological Indicators* 21, 80-88, http://ac.els-cdn.com/S1470160X12000593/1-s2.0-S1470160X12000593-main.pdf?_tid=3f82594f7fe2a666fc72845429c05d25&acdnat=1339440381_759da3b745d114499ea3e7231af9acc2

Temimi, M., R. Leconte, N. Chaouch, P. Sukumal, R. Khanbilvardi and F. Brissette (2010), “A combination of remote sensing data and topographic attributes for the spatial and temporal monitoring of soil wetness”, *Journal of Hydrology* 388, pp. 28–40, http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V6C-4YX7KPN-5-Y&_cdi=5811&_user=1769407&_pii=S0022169410002088&_origin=search&_zone=slt_list_item&_coverDate=06%2F25%2F2010&_sk=996119998&_wchp=dGLbVlb-zSkzS&_md5=e29ea83b2865db4409d190d9f882561f&_ie=/sdarticle.pdf

- Torres-Meza, María de Jesús, Alma Delia Báez-González, Luis Humberto Maciel-Pérez, Esperanza Quezada-Guzmán and J. Santos Sierra-Tristán, (2009), "GIS-based modeling of the geographic distribution of *Quercus emoryi* Torr. (Fagaceae) in México and identification of significant environmental factors influencing the species' distribution", *Ecological Modelling* 220, pp. 3599-3611,
[http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VBS-4VT0DCX-1-B&_cdi=5934&_user=1769407&_pii=S0304380009000702&_origin=search&_zone=rs_l_t_list_item&_coverDate=12%2F24%2F\(2009\)&_sk=997799975&_wchp=dGLbVIW-zSkzV&_md5=b6d68de59c854c48fa24b67f46478a59&_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VBS-4VT0DCX-1-B&_cdi=5934&_user=1769407&_pii=S0304380009000702&_origin=search&_zone=rs_l_t_list_item&_coverDate=12%2F24%2F(2009)&_sk=997799975&_wchp=dGLbVIW-zSkzV&_md5=b6d68de59c854c48fa24b67f46478a59&_ie=/sdarticle.pdf)
- Trevisani, Sebastiano, Marco Cavalli and Lorenzo Marchi (2012), "Surface texture analysis of a high-resolution DTM: Interpreting an alpine basin", *Geomorphology* 161–162, pp. 26–39, http://ac.els-cdn.com/S0169555X12001572/1-s2.0-S0169555X12001572-main.pdf?_tid=502dd9a44c4d6e13868223903e674bce&_acdnat=1339008025_5b478ce8ed3553527c05c2f1056b5e10
- Uran, Oddrun, Piet Rietveld, Ron Janssen and Henk J. Scholten, (2003), "Spatial Decision Support Systems: A user's perspective", *Journal of Geographic Information and Decision Analysis*, Vol. 7, No. 1, pp. 47 – 63, <http://www.geodec.org/Uran.pdf>
- Vaccari, Lorenzino, Pavel Shvaiko, Juan Pane, Paolo Besana and Maurizio Marchese (2012), "An evaluation of ontology matching in geo-service applications", *Geoinformatica* 16, pp. 31–66, <http://www.springerlink.com/content/812404pl236w5174/fulltext.pdf>
- Van Herwijnen, Marjan (1999), *Spatial Decision Support for Environmental Management*, (S/L), Elinkwijk bv, 275 p, (en format digital).
- Verburg, Peter H., Kathleen Neumann and Linda Nol (2011), "Challenges in using land use and land cover data for global change studies", *Global Change Biology* 17, pp. 974–989, <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2486.2010.02307.x/pdf>
- Vinciková, Hana, Martin Hais, Jakub Brom, Jan Procházka and Emilie Pecharová (2010), "Use of remote sensing methods in studying agricultural landscapes – a review", *Journal of Landscape Studies* 3, pp. 53-63,
http://www.centrumprokrajinu.cz/files/JLS_Volume%203_pp%2053-63.pdf
- Wadsworth, Jennifer L. and Jonathan A. Tawn (2012), "Dependence modelling for spatial extremes", *Biometrika* 99, 2, pp. 253-272,
<http://biomet.oxfordjournals.org/content/99/2/253.full.pdf+html>
- Wählich, M., K. Willner, J. Oberst, K.-D. Matz, F. Scholten, T. Roatsch, H. Hoffmann, S. Semm and G. Neukum (2010), "A new topographic image atlas of Phobos", *Earth and Planetary Science Letters* 294, pp. 547–553,
http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V61-4XS0D70-1-B&_cdi=5801&_user=1769407&_pii=S0012821X09006505&_origin=search&_zone=r

[slt_list_item& coverDate=06%2F01%2F2010& sk=997059996&wchp=dGLbVzz-zSkzS&md5=e1b94bc3f624315ec549347d403d2e29&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?list_item&coverDate=06%2F01%2F2010&sk=997059996&wchp=dGLbVzz-zSkzS&md5=e1b94bc3f624315ec549347d403d2e29&ie=/sdarticle.pdf)

Wang, Szu-Hua, Shu-Li Huang and William W. Budd (2012), “Integrated ecosystem model for simulating land use allocation”, *Ecological Modelling* 227, pp. 46-55, [http://ac.els-cdn.com/S0304380011005916/1-s2.0-S0304380011005916-main.pdf? tid=651a0a93e7673fc280dfe54e0147599e&acdnt=1339441297_169e025b4f3cf43334f8ce5cd73acabb](http://ac.els-cdn.com/S0304380011005916/1-s2.0-S0304380011005916-main.pdf?tid=651a0a93e7673fc280dfe54e0147599e&acdnt=1339441297_169e025b4f3cf43334f8ce5cd73acabb)

Wei, Hui, Qing-xin Xu and Xue-song Tang (2011), “A knowledge-based problem solving method in GIS application”, *Knowledge-Based Systems* 24, pp. 542-553, [http://www.sciencedirect.com/science? ob=MImg& imagekey=B6V0P-521M69T-1-1& cdi=5652& user=1769407& pii=S0950705111000177& origin=mlkt& zone=rslt_list_item& coverDate=05%2F31%2F2011& sk=999759995&wchp=dGLbVtz-zSkzk&md5=9f5d3feb7732635f72d10d0d94ba3fe4&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?ob=MImg&imagekey=B6V0P-521M69T-1-1&cdi=5652&user=1769407&pii=S0950705111000177&origin=mlkt&zone=rslt_list_item&coverDate=05%2F31%2F2011&sk=999759995&wchp=dGLbVtz-zSkzk&md5=9f5d3feb7732635f72d10d0d94ba3fe4&ie=/sdarticle.pdf)

Weiner, Daniel, Trevor M. Harris and William J. Craig, *Community Participation and Geographic Information Systems*, 18 p., <http://www.spatial.maine.edu/~onsrud/Spoleto/WeinerEtAl.pdf>

Weng, Qihao, Xuefei Hu and Hua Liu (2009), “Estimating impervious surfaces using linear spectral mixture analysis with multitemporal ASTER images”, *International Journal of Remote Sensing*, Vol. 30, No. 18, 20 September, pp. 4807-4830, <http://www.tandfonline.com/doi/pdf/10.1080/01431160802665926>

Wilson, John P., Helena Mitsova and Dawn J. Wright, (2000), “Water Resource Applications of Geographic Information Systems”, *URISA Journal*, Vol. 12, No. 2, Spring, pp. 61-79, <http://citeseer.ist.psu.edu/cache/papers/cs/23079/http:zSzzSzwww.urisa.orgzSzJournalzSzprotectzSzVol12No2zSzwilsonzSzwilson.pdf/wilson00water.pdf>

Xie, Feng, Yi Lin and Wenwei Ren, (2011), “Optimizing model for land use/land cover retrieval from remote sensing imagery based on variable precision rough sets”, *Ecological Modelling* 222, pp. 232–240, [http://www.sciencedirect.com/science? ob=MImg& imagekey=B6VBS-511KRN8-1-C& cdi=5934& user=1769407& pii=S0304380010004060& origin=mlkt& zone=rslt_list_item& coverDate=01%2F24%2F\(2011\)& sk=997779997&wchp=dGLbVtz-zSkzk&md5=3b84e0e5c5bc590bcbaeb9eeadd5e59f&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?ob=MImg&imagekey=B6VBS-511KRN8-1-C&cdi=5934&user=1769407&pii=S0304380010004060&origin=mlkt&zone=rslt_list_item&coverDate=01%2F24%2F(2011)&sk=997779997&wchp=dGLbVtz-zSkzk&md5=3b84e0e5c5bc590bcbaeb9eeadd5e59f&ie=/sdarticle.pdf)

Xue, Yong, Xiaowen Li, Zengyuan Li and Cunxiang Cao (2012), “Prior knowledge-based retrieval and validation of information from remote-sensing data at various scales”, *International Journal of Remote Sensing*, Vol. 33, No. 3, 10 February, pp. 665-673, <http://dx.doi.org/10.1080/01431161.2011.577839>

Yousefi-Sahzabi, Amin, Kyuro Sasaki, Ibrahim Djamaluddin, Hossein Yousefi and Yuichi Sugai (2011), “GIS modeling of CO2 emission sources and storage possibilities”, *Energy Procedia* 4, pp. 2831-2838,

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B984K-52HJH2J-59-1&_cdi=59073&_user=1769407&_pii=S1876610211003857&_origin=mlkt&_zone=rslt_list_item&_coverDate=12%2F31%2F2011&_sk=999959999&_wchp=dGLbVtz-zSkzk&_md5=27ace746ba1f4d55c4bce508c1351924&_ie=/sdarticle.pdf

Yue, Peng, Liping Di, Yaxing Wei and Weiguo Han (2013), “Intelligent services for discovery of complex geospatial features from remote sensing imagery”, *ISPRS Journal of Photogrammetry and Remote Sensing*, (Article in press), 14 p., http://ac.els-cdn.com/S0924271613000580/1-s2.0-S0924271613000580-main.pdf?_tid=77cc152e-a8fa-11e2-a780-00000aab0f01&_acdnat=1366380628_e72f5bae34880bd1a73d98dcc65299cf

Zabala Alaitz and Xavier Pons (2013), “Impact of lossy compression on mapping crop areas from remote sensing”, *International Journal of Remote Sensing*, Vol. 34, No. 8, 20 April, pp. 2796-2813, <http://www.tandfonline.com/doi/pdf/10.1080/01431161.2012.750772>

Zhang, H. and G.H. Huang (2011), “Assessment of non-point source pollution using a spatial multicriteria analysis approach”, *Ecological Modelling* 222, pp. 313–321, http://ac.els-cdn.com/S0304380009008412/1-s2.0-S0304380009008412-main.pdf?_tid=683bf60eef4391448c3388f5c5491c48&_acdnat=1339005147_380934fca9b722563b27ebb744b033df

Zhang, Y. J., A. J. Li and T. Fung (2012), “Using GIS and Multi-criteria Decision Analysis for Conflict Resolution in Land Use Planning”, *Procedia Environmental Sciences* 13, pp. 2264-2273, http://ac.els-cdn.com/S1878029612002162/1-s2.0-S1878029612002162-main.pdf?_tid=d525271cdc0e1057e870a5be87655bd1&_acdnat=1339453897_9bd0a1568482fb9b92d1f1e2e665bb59

CUENTAS NACIONALES BÁSICA

Almagro Vázquez, Francisco (2004), “Medición del desarrollo sustentable, retos de las cuentas nacionales. La experiencia de México en el cálculo del Producto Interno Bruto Ecológico”, *Revista Latinoamericana de Economía*, Vol. 35, No. 139, octubre-diciembre, pp. 93-119, <http://www.ojs.unam.mx/index.php/pde/article/view/7558>

Alvarez, Sergio, Agustín Rubio (2015), “Compound method based on financial accounts versus process-based analysis in product carbon footprint: A comparison using wood pallets”, *Ecological Indicators*, Vol. 49, February, pp. 88-94, <http://dx.doi.org/10.1016/j.ecolind.2014.10.005>

Bartelmus, Peter (2015), “Do we need ecosystem accounts?”, *Ecological Economics* (article in press), pp. 1-7, <http://dx.doi.org/10.1016/j.ecolecon.2014.12.026>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Borrego-Marín, María M., Carlos Gutiérrez-Martín and Julio Berbel (2016), “Estimation of Cost Recovery Ratio for Water Services Based on the System of Environmental-Economic Accounting for Water”, *Water Resources Management*, January, Volume 30, Issue 2, pp. 767-783,
http://download.springer.com/static/pdf/30/art%253A10.1007%252Fs11269-015-1189-2.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%252Fs11269-015-1189-2&token2=exp=1458150744~acl=%2Fstatic%2Fpdf%2F30%2Fart%25253A10.1007%25252Fs11269-015-1189-2.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs11269-015-1189-2*~hmac=ae3349e7c1f83c023991c072d8d6d60a9568cf2191cc13ec7bc243ba3b8a1cb0
- Borucke, Michael, David Moore, Gemma Cranston, Kyle Gracey, Katsunori Iha, Joy Larson, Elias Lazarus, Juan Carlos Morales, Mathis Wackernagel and Alessandro Galli (2013), “Accounting for demand and supply of the biosphere’s regenerative capacity: The National Footprint Accounts’ underlying methodology and framework”, *Ecological Indicators* 24, pp. 518-533, http://ac.els-cdn.com/S1470160X12002968/1-s2.0-S1470160X12002968-main.pdf?_tid=fc2144cc-a600-11e2-8981-00000aacb361&acdnat=1366053573_a6f551803ad3839d44ab7338ed34ae2b
- Capelli, Clara and Gianni Vaggi (2016), “Why Gross National Disposable Income Should Replace Gross National Income”, *Development and Change*, Volume 47, Issue 2, pp. 223-239, <http://onlinelibrary.wiley.com/doi/10.1111/dech.12225/pdf>
- Caria, Ana Alexandra, Anabela Martins Silva, Delfina Rosa Rocha Gomes and Lídia Cristina Alves Morais Oliveira (2016), “Accounting as an Information System”, in C. Machado and J.P. Davim (eds.), *MBA, Management and Industrial Engineering*, Switzerland, Springer International Publishing, pp. 125-156,
http://download.springer.com/static/pdf/825/chp%253A10.1007%252F978-3-319-28281-7_5.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%252F978-3-319-28281-7_5&token2=exp=1458069800~acl=%2Fstatic%2Fpdf%2F825%2Fchp%25253A10.1007%25252F978-3-319-28281-7_5.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-3-319-28281-7_5*~hmac=13fb35f24a11c281970802c3c6d7d297409d48a737c9b160c9c0ed0090df318e
- Faik, Jürgen (2015), “Global Economic Accounting and Its Critics: Objective Approaches (1)”, in W. Glatzer et al. (eds.), *Global Handbook of Quality of Life, International Handbooks of Quality-of-Life*, Springer Science+Business Media Dordrecht, pp. 115-131, http://download-v2.springer.com/static/pdf/291/chp%253A10.1007%252F978-94-017-9178-6_6.pdf?token2=exp=1430421229~acl=%2Fstatic%2Fpdf%2F291%2Fchp%25253A10.1007%25252F978-94-017-9178-6_6.pdf

[6_6.pdf*~hmac=348828992e85caba1f4878105c48bde0baec0a35f2486b1f1ae71c0419f17852](#)

- Figueroa Díaz, Raúl (2012), “Cuentas Satélite, un enfoque funcional de la contabilidad nacional: la experiencia de México”, *Estadística Española*, Volumen xx, número xxx, pp. 263-286, <http://dialnet.unirioja.es/servlet/articulo?codigo=4126038>
- Giannetti, B. F., F. Agostinho, C. M. V. B. Almeida and D. Huisingh (2015), “A review of limitations of GDP and alternative indices to monitor human wellbeing and to manage eco-system functionality”, *Journal of Cleaner Production* 87, pp. 11-25, <http://dx.doi.org/10.1016/j.jclepro.2014.10.051>
- Jorgenson, Dale and Paul Schreyer (2015), *Measuring Individual Economic Well-Being and Social Welfare within the Framework of the System of National Accounts*, (Paper Prepared for the IARIW-OECD Special Conference: “W(h)ither the SNA?” Paris, France, April 16-17, 2015), Paris, OECD, 31 p., <http://iariw.org/papers/2015/jorgenson-schreyer.pdf>
- México, Instituto Nacional de Estadística y Geografía (2013), *Sistema de Cuentas Nacionales de México: productividad total de los factores 1990-2011*, México, INEGI, 167 p., http://internet.contenidos.inegi.org.mx/contenidos/productos//prod_serv/contenidos/espanol/bvinegi/productos/derivada/cuentas/bienes%20y%20servicios/produccion_total/produccion_total_90_11/PTF_SCNM.pdf
- Moulton, Brent R. and Nicole Mayerhauser (2015), The Future of the SNA's Asset Boundary, Paper Prepared for the IARIW-OECD Special Conference: “W(h)ither the SNA?” Paris, France, April 16-17, 2015), Paris, OECD, 28 p., <http://iariw.org/papers/2015/moultonmayerhauser.pdf>
- Nakamura, Alice O. and Leonard I. Nakamura (2015), *The System of National Accounts and Alternative Economic Perspectives*, (Paper Prepared for the IARIW-OECD Special Conference: “W(h)ither the SNA?” Paris, France, April 16-17, 2015), Paris, OECD, 48 p., <http://iariw.org/papers/2015/nakamura.pdf>
- Pearce, D. W., and G. D. Atkinson (S/F) “Teoría del capital y de la medición de desarrollo sustentable: un indicador de sustentabilidad débil”, *Gaceta de Economía*, Año 16, Número Especial, Tomo II, pp. 55-61, <http://200.33.112.231/descargas/dgipea/ine-ecov-pc-02-2011.pdf>
- Rodríguez Morilla, Carmen, Gaspar Llanes Díaz-Salazar and M. Alejandro Cardenete (2007), “Economic and environmental efficiency using a social accounting matrix”, *Ecological Economics* 60, pp. 774-786, http://ac.els-cdn.com/S0921800906000735/1-s2.0-S0921800906000735-main.pdf?_tid=f5f67732-a616-11e2-a258-00000aab0f26&acdnat=1366063012_957f7dfefa8c33e75502e874279afde7

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Rojas, Mariano (2014), “Estimación de escalas de equivalencia en México. Un enfoque de bienestar subjetivo”, *Realidad, Datos y Espacio*, Vol. 5, Núm. 3, septiembre-diciembre, pp. 4-17, http://www.inegi.org.mx/RDE/rde_13/doctos/rde_13_opt.pdf
- Saravanamuthu, Kala and Cheryl Lehman (2013), “Enhancing stakeholder interaction through environmental risk accounts”, *Critical Perspectives on Accounting* (Available online 6 March 2013, Article in press), 28 p., http://ac.els-cdn.com/S1045235413000257/1-s2.0-S1045235413000257-main.pdf?_tid=93dccab0-a5f3-11e2-a223-00000aab0f02&acdnat=1366047815_afdc7ddf3b6bf41d6559c15c3d05323
- United Nations and European Central Bank (2015), *Financial Production, Flows and Stocks in the System of National Accounts*, (Studies in Methods Series F No. 113, Handbook on National Accounting), New York, UN, 539 p., <http://unstats.un.org/unsd/nationalaccount/docs/FinacialHB.pdf>
- United Nations et al. (2014), *System of Environmental-Economic Accounting 2012—Experimental Ecosystem Accounting*, New York, UN, 177 p., http://unstats.un.org/unsd/envaccounting/seeaRev/eea_final_en.pdf
- United Nations, Department of Economic and Social Affairs, Statistics Division (2015), *National Accounts Statistics: Main Aggregates and Detailed Tables, 2014. Part I*, New York, United Nations, 832 p., <http://unstats.un.org/unsd/nationalaccount/pubsDB.asp?pType=3>
- United Nations, Department of Economic and Social Affairs, Statistics Division (2015), *National Accounts Statistics: Main Aggregates and Detailed Tables, 2014. Part II*, New York, United Nations, 825 p., <http://unstats.un.org/unsd/nationalaccount/pubsDB.asp?pType=3>
- United Nations, Department of Economic and Social Affairs, Statistics Division (2015), *National Accounts Statistics: Main Aggregates and Detailed Tables, 2014. Part III*, New York, United Nations, 855 p., <http://unstats.un.org/unsd/nationalaccount/pubsDB.asp?pType=3>
- United Nations, Department of Economic and Social Affairs, Statistics Division (2015), *National Accounts Statistics: Main Aggregates and Detailed Tables, 2014. Part IV*, New York, United Nations, 815 p., <http://unstats.un.org/unsd/nationalaccount/pubsDB.asp?pType=3>
- United Nations, Department of Economic and Social Affairs, Statistics Division (2015), *National Accounts Statistics: Main Aggregates and Detailed Tables, 2014. Part V*, New York, United Nations, 843 p., <http://unstats.un.org/unsd/nationalaccount/pubsDB.asp?pType=3>
- Vardon, Michael, Peter Burnett and Stephen Dovers (2016), “The accounting push and the policy pull: balancing environment and economic decisions”, *Ecological Economics*, Volume 124, April, pp. 145-152, <http://dx.doi.org/10.1016/j.ecolecon.2016.01.021>

CUENTAS NACIONALES COMPLEMENTARIA

- Ajani, Judith I., Heather Keith, Margaret Blakers, Brendan G. Mackey and Helen P. King (2013), “Comprehensive carbon stock and flow accounting: A national framework to support climate change mitigation policy”, *Ecological Economics* 89, pp. 61-72, http://ac.els-cdn.com/S092180091300030X/1-s2.0-S092180091300030X-main.pdf?_tid=9e374024-a5f0-11e2-8cf2-00000aacb35e&acdnat=1366046544_a0f56116bfaf17f73ff6225a257b999b
- Almagro Vázquez, Francisco (2006), “La dimensión ambiental en el PIB y políticas ambientales en México”, *Mundo Siglo XXI*, No. 6, otoño, pp. 43-53, <http://www.mundsigloxxi.ciecas.ipn.mx/pdf/v02/06/04.pdf>
- Ball, Amanda and Russell Craig (2010), “Using neo-institutionalism to advance social and environmental accounting”, *Critical Perspectives on Accounting* 21, pp. 283-293, http://ac.els-cdn.com/S1045235410000031/1-s2.0-S1045235410000031-main.pdf?_tid=f6b884cc-a5f7-11e2-a6d7-00000aab0f27&acdnat=1366049699_22333f2f0e3614ce53f6ba515411de28
- Berman, Meter, (1966), *Cuentas Nacionales en Países en Desarrollo: Métodos Adecuados y Aplicaciones Recientes*, (A publicarse en *Health Economics*), 40 p., <http://www.hsph.harvard.edu/ihs/publications/pdf/No-36s.PDF>
- Bouwmeester, Maaiké C. and Jan Oosterhaven (2013), “Specification and Aggregation Errors in Environmentally Extended Input–Output Models” *Environmental Resource Economics*, (Published online: 23 March 2013), 29 p., <http://link.springer.com/content/pdf/10.1007%2Fs10640-013-9649-8>
- Boyd, James and Spencer Banzhaf, (2006), *What Are Ecosystem Services?: The Need for Standardized Environmental Accounting Units*, (Discussion Paper RFF DP 06-02), Washington, DC, Resources for the Future, 29 p., http://papers.ssrn.com/sol3/papers.cfm?abstract_id=892425#PaperDownload
- Calcagno, Alfredo, Sandra Manuelito y Gunilla Ryd, (2001), *Proyecciones latinoamericanas 2000-(2001)*, (Serie Estudios Estadísticos y Prospectivos No. 5), Santiago de Chile, CEPAL, 47 p., <http://www.eclac.cl/publicaciones/Estadisticas/0/LCL1480P/lcl1480e.pdf>
- Carlos Muñoz Villarreal, (2005), *Bienes y servicios ambientales en México: caracterización preliminar y sinergias entre protección ambiental, desarrollo del mercado y estrategia comercial*, (Serie Medio Ambiente y Desarrollo, No. 119), Santiago de Chile, Naciones Unidas, 129 p., <http://www.cepal.org/publicaciones/xml/0/26130/L2463-P.pdf>
- Christ, Katherine L. and Roger L. Burritt (2013), “Environmental management accounting: the significance of contingent variables for adoption”, *Journal of Cleaner Production*

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

41, pp. 163-173, http://ac.els-cdn.com/S0959652612005392/1-s2.0-S0959652612005392-main.pdf?_tid=6af0f2d8-a5f4-11e2-9837-00000aacb362&acdnat=1366048176_8ec2e6c4ab0104bbf787470289975b3c

Comisión Económica para América Latina y el Caribe, (2003), *El avance en la implementación del sistema de cuentas nacionales 1993 en América Latina y el Caribe, 2002-(2003)*, (Documento preparado por Marcelo Ortúzar y Sandra Manuelito), (Segunda reunión de la Conferencia Estadística de las Américas de la Comisión Económica para América Latina y el Caribe, Santiago de Chile, 18 al 20 de junio de 2003), CEPAL, 26 p.,
<http://www.eclac.cl/deype/ceacepal/documentos/morturzarcea2003.pdf>

Comisión Económica para América Latina y el Caribe, (2003), *Proyecciones de América Latina y el Caribe (2003)*, (Serie Estudios Estadísticos y Prospectivos No. 19), Santiago de Chile, CEPAL, 42 p.,
<http://www.eclac.cl/publicaciones/Estadisticas/6/LCL1886PE/lcl1886e.pdf>

Comisión Económica para América Latina y el Caribe, (2005), *Estado de avance de la aplicación del SCN 1993 en América Latina y el Caribe*, (Tercera reunión de la Conferencia Estadística de las Américas de la Comisión Económica para América Latina y el Caribe, Santiago de Chile, 1º al 3 de junio del 2005), CEPAL, 6 p.,
<http://www.eclac.cl/scaclac/documentos/ddr1cea2005e.pdf>

Dedeoğlu, Dinçer and Hüseyin Kaya (2013), “Energy use, exports, imports and GDP: New evidence from the OECD countries”, *Energy Policy* 57, pp. 469-476, http://ac.els-cdn.com/S0301421513001018/1-s2.0-S0301421513001018-main.pdf?_tid=0c6d8db6-a5f9-11e2-93f9-00000aacb35d&acdnat=1366050164_41603b14c3ff674d855407832c49108f

Edens, Bram and Lars Hein (2013), “Towards a consistent approach for ecosystem accounting”, *Ecological Economics* 90, pp. 41-52, http://ac.els-cdn.com/S0921800913000840/1-s2.0-S0921800913000840-main.pdf?_tid=6c60ac8c-a5f7-11e2-8a61-00000aacb35e&acdnat=1366049466_1036921d378ee2f0f9f5238bf9810158

Guerrero, Simón, René Luengo, Pilar Pozo y Sebastián Rébora (2012), *Nuevas series de Cuentas Nacionales encadenadas: métodos y fuentes de estimación*, (Estudios Económicos Estadísticos N.º 90 – Marzo), Santiago de Chile, Banco Central de Chile, 52 p., <http://www.bcentral.cl/estudios/estudios-economicos-estadisticos/pdf/see90.pdf>

Hill, Meter, (2001), *Manual de cuentas nacionales bajo condiciones de alta inflación*, (Serie Manuales No. 11), Santiago de Chile, CEPAL, OECD, 123 p.,
<http://www.eclac.cl/publicaciones/DocumentosPublicaciones/9/lcl1489/lcl1489e.pdf>

Kacef, Osvaldo y Sandra Manuelito (2008), *El ingreso nacional bruto disponible en América Latina: una perspectiva de largo plazo*, (Serie Macroeconomía del Desarrollo 69),

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Santiago de Chile, CEPAL, 47 p.,
<http://www.eclac.org/publicaciones/xml/5/35175/LCL2982e.pdf>
- Magnoli1, Alessandro, (2001), *Cuentas nacionales de salud en América Latina y el Caribe: Concepto, resultados y política de empleo*, BID/INDES, 52 p.,
<http://idbdocs.org/wsdocs/getdocument.aspx?docnum=417747>
- Majluf, Farid Isa, (2003), *Cuentas Ambientales en los países de América Latina y el Caribe: Estado de Situación*, (Segunda Reunión de REDESA Ambiental, Santiago Noviembre 26 al 28, 2003), CEPAL, REDESA, 21 p.,
http://www.eclac.cl/deype/noticias/noticias/3/13643/doc_ISA.pdf
- Martner, Ricardo, (2005), *Indicadores fiscales en América Latina y el Caribe*, ILPES-CEPAL, 31 p.,
<http://www.iadb.org/publications/search.cfm?language=Spanish&keywords=cuentas+nacionales&title=&author=&topics=&countries=&searchLang=&fromYear=2000&toYear=2005&x=17&y=1>
- México, Instituto Nacional de Estadística y Geografía (2010), SCNM: *Sistema de Cuentas Nacionales de México: cuentas por sectores institucionales 2005-2009: año base 2003*, Tomo 1 y 2, México, INEGI, 517 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/cuentas/bienes%20y%20servicios/2010/CByS2006-2010.pdf
- México, Instituto Nacional de Estadística y Geografía (2012), SCNM: *Sistema de Cuentas Nacionales de México: cuentas de bienes y servicios 2007-2011: año base 2003*, Tomo 1 y 2, México, INEGI, 513 p.,
http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/cuentas/bienes%20y%20servicios/2011/CByS2007-2011.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Sistema de cuentas económicas y ecológicas de México, 1998-(2003)*, México, INEGI, 166,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/economicas/medio%20ambiente/2003/sceem98_03.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2000), *ABC Sistema de Cuentas Nacionales de México: cuentas por sectores institucionales*, México, INEGI, 42 p.,
http://www.inegi.gob.mx/est/contenidos/espanol/metodologias/cuentas/anuales/abc_cuentas.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2004), *El ingreso y el gasto público en México*, México, INEGI, 178 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/sociodemografico/igpm/2004/IGPM2004-archivo1.pdf

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- México, Instituto Nacional de Estadística Geografía e Informática, (2004), *Finanzas públicas estatales y municipales de México, 200-(2003)*, México, INEGI, 523 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/continuas/economicas/finanzas/1999-2002/Pub_Finanzas_00-03.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Sistema de Cuentas Nacionales de México: indicadores macroeconómicos del sector público, 1998-(2003)*, México, INEGI, 90 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/publico/indicadores/macroeconomicos/indimacro03.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Sistema de Cuentas Nacionales de México: Producto Interno Bruto por entidad federativa, 1998-(2003)*, México, INEGI, 222p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/cuentas/pib/PIBE%202003.pdf
- México, Secretaría de Salud, Dirección General de Información en Salud, (2004), *Manual del Sistema de Cuentas Nacionales y Estatales de Salud en México SICUENTAS*, México, Secretaría de Salud, 138 p.,
<http://sinais.salud.gob.mx/publicaciones/ManualSICUENTAS.pdf>
- Moreno Arellano, Graciela, Paola Mendoza Sánchez y Sara Ávila Forcada, (comp.), (2002), *Impuestos ambientales. Lecciones en países OCDE y experiencia en México*, México, INE-SEMARNAT, 92 p.,
http://www.ine.gob.mx/publicaciones/descarga.html?cv_pub=373&tipo_file=pdf&file_name=373
- Mueller, Marc and Emanuele Ferrari (2013), *Social Accounting Matrices and Satellite Accounts for EU27 on NUTS2 Level (SAMNUTS2)*, (JRC Scientific and Policy Reports), Luxembourg, European Union, 78 p.,
<ftp://ftp.jrc.es/pub/EURdoc/EURdoc/JRC73088.pdf>
- Naciones Unidas, Comisión Económica para América Latina y el Caribe, (2005), *Anuario estadístico de América Latina y el Caribe*, Santiago de Chile, ONU, 484 p.,
<http://www.eclac.cl/cgi-bin/getProd.asp?xml=/publicaciones/xml/0/21230/P21230.xml&xsl=/deype/tpl/p9f.xsl&base=/tpl/top-bottom.xsl>
- Partnerships for Health Reform y Organización Panamericana de Salud, (1998), *Cuentas Nacionales de Salud: resúmenes de ocho estudios nacionales en América Latina y el Caribe*, (Informe sobre Iniciativas Especiales No. 7), 44 p.,
<http://www.phrplus.org/Pubs/Sir7s.pdf>
- Pedersen, Ole Gravgard and Mark de Haan, (2006), The System of Environmental and Economic Accounts–2003 and the Economic Relevance of Physical Flow Accounting, *Journal of Industrial Ecology*, Vol. 10, No. 1–2, pp. 19-42,

<http://www.mitpressjournals.org/doi/pdfplus/10.1162/108819806775545466?cookieSet=1>

Programa de las Naciones Unidas para el Medio Ambiente, Oficina Regional para América Latina y el Caribe, (2000), *GEO América Latina y el Caribe - Perspectivas del Medio Ambiente 2000*, Costa Rica, PNUMA, 114 p.,

<http://www.eclac.cl/redesa/Aplicacion/VisualizaDocumento.asp>

Programa de las Naciones Unidas para el Medio Ambiente, Oficina Regional para América Latina y el Caribe, (2003), *GEO América Latina y el Caribe - Perspectivas del Medio Ambiente (2003)*, Costa Rica, PNUMA, 281 p.,

<http://www.eclac.cl/redesa/Aplicacion/VisualizaDocumento.asp>

Quiroga Martínez, Rayén, (2003), *Estadísticas del medio ambiente en América Latina y el Caribe*, (Segunda Reunión de REDESA Ambiental, Santiago Noviembre 26 al 28, 2003), CEPAL, REDESA, 105 p.,

<http://www.eclac.cl/deype/noticias/noticias/3/13643/doc QUIROGA.pdf>

Rivera, Patricia y Guillermo Foladori, (2006), “Reflexiones sobre la contabilidad ambiental en México”, *Economía, Sociedad y Territorio*, mayo-agosto, Año/Vol. VI, No. 21, pp. 177-217, <http://redalyc.uaemex.mx/redalyc/pdf/111/11162108.pdf>

Sachs, Jeffrey, Glenn-Marie Lange, Geoffrey Heal and Arthur Small, (2005), *Global Initiative for Environmental Accounting: A Proposal to Build a Comprehensive System of Environmental and Economic National Accounts. Concept Note*, (ESA/STAT/AC.108, UNCEEA/Prelim/8i), (Preliminary Meeting of the UN Committee on Environmental-Economic Accounting, New York, 29-31 August 2005), New York, United Nations, 7 p., <http://unstats.un.org/unsd/envAccounting/ceea/meetings/prelim8i.pdf>

Séruzier, Michel (2003), *Medir la economía de los países según el Sistema de Cuentas Nacionales*, Colombia, Naciones Unidas/Alfaomega Colombiana, S. A., 733 p.,

<http://www.eclac.org/publicaciones/xml/1/13871/Seruzier.pdf>

Stoneham, Gary, Andrew O'Keefe, Mark Eigenraam and David Bain (2012), “Creating physical environmental asset accounts from markets for ecosystem conservation”, *Ecological Economics* 82, pp. 114-122, http://ac.els-cdn.com/S092180091200242X/1-s2.0-S092180091200242X-main.pdf?_tid=d2942b24-a5f6-11e2-8a61-00000aacb35e&acdnat=1366049208_3e49c629fe71a4d6e6361eccc6c3117d

United Nations, (2000), *Integrated Environmental and Economic Accounting: An Operational Manual*, (Studies in Methods Series F, No. 78, Handbook of National Accounting), New York, United Nations, 260 p.,

http://unstats.un.org/unsd/publication/SeriesF/SeriesF_78E.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2003), *Encuesta Nacional de Ingresos y Gastos de los Hogares ENIGH 2004: síntesis metodológica*, México, INEGI, 296 p.,
http://www.inegi.gob.mx/est/contenidos/espanol/metodologias/encuestas/hogares/sm_e_nigh2004.pdf

SISTEMA DE INFORMACIÓN ESTADÍSTICO

Comisión Económica para América Latina y el Caribe, (2003), *Gestión orientada a asegurar la calidad de los datos en los institutos nacionales de estadística*, (Segunda reunión de la Conferencia Estadística de las Américas de la Comisión Económica para América Latina y el Caribe, Santiago de Chile, 18 al 20 de junio de 2003), (LC/L.1889[CEA.2003/4]), (documento elaborado por Carmen Arribas, Julio Casado y Antonio Martínez), CEPAL, 16 p.,
<http://www.eclac.cl/deype/ceacepal/documentos/lc11889e.pdf>

México, Instituto Nacional de Estadística, Geografía e Informática, (2005), *Desarrollo de los sistemas nacionales estadísticos y responsabilidades de los Institutos Nacionales de Estadística*, (Tercera Reunión de la Conferencia Estadística de las Américas), (presentación en Power Point), 49 p.,
http://www.eclac.cl/deype/ceacepal/documentos2/cea3ppt_Mexico_capacitacion.pdf

BIBLIOGRAFÍA COMPLEMENTARIA

Agarwal, P., (2005), "Ontological Considerations in GIScience", *International Journal of Geographical Information Science*, Vol. 19, No. 5, May (2005), pp. 501–536,
<http://taylorandfrancis.metapress.com/media/GPGPXNXXYKNA9ALWUP4U/Contributions/K/6/K/1/K6K186581U78726Q.pdf>

Albertz, Jörg and Albert Wiedemann, *Topographic and Thematic Mapping from Satellite Image Data*, 10 p., <http://www.al-wie.de/lit/IstMap.pdf>

Alföldi, T. T., (1996), *Introduction to Digital Images and Digital Analysis Techniques: A Basic Course for the Appreciation of Digital Analysis of Remotely Sensed Multispectral Data*, (Technical Note 78-1), Ottawa, Canada Centre for Remote Sensing, Natural Resources Canada, 14 p.,
http://www.ccrs.nrcan.gc.ca/ccrs/learn/tutorials/digitech/intro_e.pdf

Arpinar, I. Budak, Amit Sheth, , Cartic Ramakrishnan, E. Lynn Usery, Molly Azami and Mei-Po Kwan, (2004), "Geospatial Ontology Development and Semantic Analytics", in Eds: Wilson, J. P. and A. S. Fotheringham (eds.), *Handbook of Geographic Information Science*, Blackwell Publishing, 21 p.,
<http://www.ncgia.ucsb.edu/projects/nga/docs/ontology.pdf>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Aubry Philippe and Domitien Debouzie, (2000), “Geostatistical Estimation Variance for the Spatial Mean in Two-Dimensional Systematic Sampling”, *Ecology*, Vol. 81, No. 2, pp. 543-553, <http://www.jstor.org/cgi-bin/jstor/printpage/00129658/ap010018/01a00210/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Baker, John C., Beth E. Lachman, David R. Frelinger, Kevin M. O’connell, Alexander C. Hou, Michael S., Tseng, David Orletsky and Charles Yost, (2004), *Mapping the Risks: Assessing the Homeland Security Implications of Publicly Available Geospatial Information*, (Prepared for the National Geospatial-Intelligence Agency), USA, National Defense Research Institute, 237 p., http://www.rand.org/pubs/monographs/2004/RAND_MG142.pdf
- Balley, Sandrine, Christine Parent and Stefano Spaccapietra, (2004), “Modelling Geographic Data with Multiple Representations”, *International Journal of Geographical Information Science*, Vol. 18, No. 4, June (2004), pp. 327–352, <http://taylorandfrancis.metapress.com/media/3AGPXGYRTNF5AC159DCG/Contributions/J/9/C/N/J9CN20ERX3LJD7BT.pdf>
- Bill, Ralf and Görres Grenzdörffer, (1993), “The Importance of digital Orthophotos for Sectoral Geo-Information Systems”, in Fritsch, D. and D. Hobbie, (eds), *Photogrammetric Week '93*, Wichmann, Karlsruhe, pp. 285-299, <http://www.ifp.uni-stuttgart.de/publications/phowo93/Bill.pdf>
- Batty, Michael, (1992), "The Fractal Nature of Geography", *Geographical Magazine*, May 1992, pp. 32-36. (en formato digital).
- Bowker, Geoffrey C., (2000), “Mapping biodiversity”, *Int. J. Geographical Information Science*, (2000), vol. 14, no. 8, pp. 739-754, <http://taylorandfrancis.metapress.com/media/EFGLTHQXWHA2AERGXLVD/Contributions/L/W/B/F/LWBFU5EFQE11GJ2P.pdf>
- Butfeld, Barbara P., (2000), “Mapping Ecological Uncertainty”, in Hunsaker, C.T., Goodchild, M.F., Friedl, M. A., and Case. T. J. (eds.), *Spatial Uncertainty in Ecology*, New York, Springer-Verlag, pp. 116- 132, http://www.colorado.edu/geography/babs/geog_5113_s04/bibliography/NCEAS%20report.pdf
- Cairns, Michael A., Patricia K. Haggerty, Roman Alvarez, Ben H. J. De Jong and Ingrid Olmsted, (2000), “Tropical Mexico's Recent Land-Use Change: A Region's Contribution to the Global Carbon Cycle”, *Ecological Applications*, Vo. 10, No. 5, pp. 1426-1441, <http://www.jstor.org/cgi-bin/jstor/printpage/10510761/di014629/01p0380d/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Chrisman, Nicholas, *Readings in GIS and Public and Nonprofit Administration: Implementing a GIS*, (SOURCE: Nicholas Crisman, (1997), Exploring Geographic Information Systems, pp. 241-252), 10 p.,
<http://images.main.uab.edu/psychology/gps/MPA674b.PDF>
- Chrysoulakis, N., M. Diamandakis and P. Prastacos, (2003), *GIS Integration of Aster Stereo Imagery for the support of Watershed Management*, (8th International Conference on Environmental Science and Technology, Lemnos island, Greece, 8-10 September 2003), 8 p., http://www.iacm.forth.gr/regional/papers/111_118.pdf
- Cohen, Marianne and Catherine Mering, (2004), Geographic Information System and spatial Effect Applied to the study of the relationship between dynamics of ligneous cover and sheep breeders' practices, *CYBERGEO : European Journal of Geography*, N.272, 25 June (2004), (12th international colloquium of theoretical and quantitative geography – Saint-Valery-en-Caux – 2001 sept.), 17 p., (REFERENCIA BIBLIOGRÁFICA),
<http://www.cybergeo.presse.fr/ectqg12/cohen/272.pdf>
- Deng, Yu, (2002), *The Metadata Architecture for Data Management in Web-based Choropleth Maps*, 27 p.,
<http://www.cs.umd.edu/projects/hcil/census/JavaProto/metadata.pdf>
- Diggle, P. J., J. A. Tawn and R. A. Moyeed, (1998), "Model-Based Geostatistics", *Applied Statistics*, Vol. 47, No. 3, pp. 299-350, <http://www.jstor.org/cgi-bin/jstor/printpage/00359254/di993406/99p0127a/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Dobson, Jerome E. and Richard C. Durfee, ONRL and the Geographic Information Systems Revolution, 25 p., <http://www.ornl.gov/info/ornlreview/rev28-1/text/gis.htm>
- Eiumnoh, Apisit, *Integration of Geographic Information Systems (GIS) and Satellite Remote Sensing (SRS) for Watershed Management*, 11 p.,
www.fftc.agnet.org/library/data/tb/tb150/tb150.pdf
- Evans, Tom P. and Emilio F. Moran, (2002), "Spatial Integration of Social and Biophysical Factors Related to Landcover Change", *Population and Development Review*, Vol. 28, Supplement Population and Environment: Methods and Analysis, pp. 165-186,
<http://www.jstor.org/cgi-bin/jstor/printpage/00987921/sp030008/03x0171o/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Fisher, P.F. and Richard E. Lindenberg, (1990), "On Distinctions among Cartography, Remote Sensing, and Geographic Information Systems", *Photogrammetric Engineering and Remote Sensing*, Vol. 55, No.103, October 1989, pp.1431-1434. (en formato digital).

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Fisher, P.F., (1991), "Spatial Data Sources and Data Problems", in: Maguire, David J., Michael F. Goodchild, and David W. Rhind (eds.), *Geographical Information Systems. Principles and Applications. Volume I: Principles*, Longman Scientific & Technical, copublished in the United States and Canada with John Wiley & Sons, Inc, New York, N.Y., pp. 175-189. (en formato digital).
- Fonseca, F. and Egenhofer, M., (1999), "Knowledge Sharing in Geographic Information Systems". in: P. Scheuermann (ed.), *The Third IEEE International Knowledge and Data Engineering Exchange Workshop*, Chicago IL, pp. 85-90,
http://www.spatial.maine.edu/~fred/fonseca_kdex99.pdf
- Fonseca, Frederico T. and Max J. Egenhofer, (1999), *Ontology-Driven Geographic Information Systems*, (7th ACM Symposium on Advances in Geographic Information Systems, Kansas City, MO, C. Bauzer Medeiros [ed.], November 1999), 7 p.,
http://www.spatial.maine.edu/~fred/fonseca_acmgis.pdf
- Geist, Helmut J., and Eric F. Lambin, (2002), Proximate Causes and Underlying Driving Forces of Tropical Deforestation, *BioScience*, Vol. 52, No. 2, February, pp. 143-150,
http://www.geo.ucl.ac.be/LUCC/pdf/02_February_Article_Geist_.pdf
- Geographic Information System, Remote Sensing, and Telemetry Working Group, *Glossary of GIS and Remote Sensing Terms*, 7 p., <http://fwie.fw.vt.edu/tws-gis/glossary.htm>
- Goodchild, Michael F., (1992), "Geographical Data Modeling", *Computers & Geosciences*, Vol. 18, No. 4, 1992 Pergamon Press Ltd., Great Britain, pp. 401-408. (en formato digital).
- Habib, Ayman F. and Rami I. Alruzouq, (2004), "Line-Based Modified Iterated Hough Transform for Automatic Registration of Multi-Source Imagery", *The Photogrammetric Record*, Vol. 19, No. 105, March (2004), pp. 5-21, <http://www.blackwell-synergy.com/toc/phor/19/105>
- Haklay, Mordechai (Muki), (2004), "Map Calculus in GIS: A Proposal and Demonstration", *International Journal of Geographical Information Science*, Vol. 18, No. 2, March, pp. 107-125,
<http://taylorandfrancis.metapress.com/media/2724FR9EFG7TTL597AR6/Contributions/J/6/N/6/J6N6RK65FLPGAfKP.pdf>
- Hannah, Lee, David Lohse, Charles Hutchinson, John Carr and Ali Lankerani, (1994), "A Preliminary Inventory of Human Disturbance of World Ecosystems", *AMBIO*, Volume XXIII, Number 4-5, July 1994, The Royal Swedish Academy of Sciences, pp. 246-250. (en formato digital).
- Harvey, Francis, (2000), "The social construction of geographical information systems", *Int. J. Geographical Information Science*, (2000), vol. 14, no. 8, pp. 711-713,
<http://taylorandfrancis.metapress.com/media/M3T1FMWWRM0JXT3H9J5M/Contributions/A/W/7/V/AW7VWEHQ3GOXWM8L.pdf>

- Harvey, Francis, (2003), "Developing geographic information infrastructures for local government: the role of trust", *The Canadian Geographer*, Vol. 47, No. 1, Spring, pp. 28-36,
http://vnweb.hwwilsonweb.com/hww/shared/shared_main.jhtml;jsessionid=ZSYVVTWYQG1KDQA3DIKSFGOADUNGIIV0?requestid=32394
- Harvey, Francis, Werner Kuhn, Hardy Pundt, Yaser Bishr and Catharina Riedemann, (1999), "Semantic interoperability: A central issue for sharing geographic information", *The Annals Regional Science*, 33, pp. 213-232,
<http://www.metapress.com/media/6EA5D3WUVM1TVMLPGW97/Contributions/T/3/X/G/T3XGWDPM1VQBF4XT.pdf>
- Healey, R.G., (1991), "Database Management Systems", in: Maguire, David J., Michael F. Goodchild, and David W. Rhind (eds.), *Geographical Information Systems. Principles and Applications. Volume I: Principles*, Longman Scientific & Technical, copublished in the United States and Canada with John Wiley & Sons, Inc, New York, N.Y., pp. 251-267. (en formato digital).
- Heipke, Christian, (2002), "Requirements for Modern Geographic Information Systems", IAPRS, Vol. XXXIV, Part 2, Commission II, Xi'an, Aug.20-23, (2002), pp. 173-184,
http://www.isprs.org/commission2/keynotes/comm2_keynote2_heipke.pdf
- International Steering Committee for Global Mapping, (2000), *Global Map, Version 1.1 Specifications*, (adopted at 7th ISCGM meeting Cape Town 16 March 2000), ISCGM, 33 p., <http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi?action=ATTACH&page=Documentation&file=gmspec%2D1%2E1%2Epdf>
- Karl, J. W., P. J. Heglund, E. O. Garton, J. M. Scott, N. M. Wright and R. L. Hutto, (2000), "Sensitivity of Species Habitat-Relationship Model Performance to Factors of Scale", *Ecological Applications*, Vol. 10, No. 6, pp. 1690-1705, <http://www.jstor.org/cgi-bin/jstor/printpage/10510761/di014630/01p0012j/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Karssenbergh, D. and K. De Jong, (2005), "Dynamic Environmental Modelling In GIS: 2. Modelling Error Propagation", *International Journal of Geographical Information Science*, Vol. 19, No. 6, July (2005), pp. 623-637,
<http://taylorandfrancis.metapress.com/media/159RJMXXK5TWQGUNM13/Contributions/M/7/0/2/M702863291583V16.pdf>
- Karssenbergh, D. and K. De Jong, (2005), "Dynamic Environmental Modelling in GIS: 1. Modelling in Three Spatial Dimensions", *International Journal of Geographical Information Science*, Vol. 19, No. 5, May (2005), pp. 559-579,
<http://taylorandfrancis.metapress.com/media/3846YNVUXQ0TAERGXLDV/Contributions/W/1/8/0/W180105KM72L11L3.pdf>

- Knox, J.W. and E.K. Weatherfield, (1999), The Application of GIS to Irrigation Water Resource Management in England and Wales, *The Geographical Journal*, Vol. 165, No. 1, March (1999), pp. 90-98, <http://www.jstor.org/cgi-bin/jstor/printpage/00167398/sp020016/02x0710h/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f78&0.pdf>
- Kuhn, Werner, (2003), “Semantic Reference Systems”, *International Journal of Geographical Information Science*, Vol. 17, No. 5, July-August 2003, pp. 405-409, <http://taylorandfrancis.metapress.com/media/EFGPXGYHTNPC0QGUNM13/Contributions/W/5/F/P/W5FP1145U5RG6F42.pdf>
- Kumsap, C., F. Borne and D. Moss, (2005), “The Technique of Distance Decayed Visibility for Forest Landscape Visualization”, *International Journal of Geographical Information Science*, Vol. 19, No. 6, July (2005), pp. 723–744, <http://taylorandfrancis.metapress.com/media/M37LVLXUQHDE7A768X2M/Contributions/L/2/W/7/L2W7386R68383031.pdf>
- Leung, Y., Y. Lee, K. C. Lam, K. Lin and F. T. Zeng, (2005), “An Environmental Decision-Support System for the Management of Water Pollution in a Tidal River Network”, *International Journal of Geographical Information Science*, Vol. 19, No. 4, April (2005), pp. 483–500, <http://taylorandfrancis.metapress.com/media/MFTA255AWK5QWGAA9J4K/Contributions/Y/W/A/Y/YWAYKD647CGVV2JQ.pdf>
- Lilburne, L. R., T. H. Webb and G. L. Benwell, (2004), “The Scale Matcher: A Procedure for Assessing Scale Compatibility of Spatial Data and Models”, *International Journal of Geographical Information Science*, Vol. 18, No. 3, April–May (2004), pp. 257–279, <http://taylorandfrancis.metapress.com/media/3768YNVWXN4Q0YLXJAR6/Contributions/G/R/P/9/GRP93GH5GGGE4UK4.pdf>
- Llobera, M., (2003), “Extending GIS-based Visual Analysis: the Concept of Visualscapes”, *International Journal of Geographical Information Science*, Vol. 17, No. 1, January 2003, pp. 25-48, <http://taylorandfrancis.metapress.com/media/GMUAAMXRQM2WV2RLFRAY/Contributions/N/K/5/C/NK5CVEFVAA4CA5KT.pdf>
- MacEachren, Alan M., Frank Hardisty, Mark Gahegan, Michael Wheeler, Xiping Dai, Diansheng Guo and Masa Takatsuka, *Supporting Visual Integration and Analysis of Geospatially-referenced Data through Web-deployable, Cross-platform Tools*, 8 p., http://www.geovista.psu.edu/publications/Dgla01/DG01_AMM_PSU.pdf
- Machín, Jorge Ángel Luis, (2004), “Estudio del relieve para la gestión ambiental, con el uso de Sistemas de Información Geográficos (SIG)”, 12 p., <http://www.elagrimensor.com.ar/elearning/lecturas/ESTUDIO%20DEL%20RELIEVE.pdf>

- Maguire, D.J., (1991), "An Overview and Definition of GIS", in: Maguire, David J., Michael F. Goodchild, and David W. Rhind (eds.), *Geographical Information Systems. Principles and Applications. Volume I: Principles*, Longman Scientific & Technical, copublished in the United States and Canada with John Wiley & Sons, Inc, New York, N.Y., pp. 9-20. (en formato digital).
- Manson, Steven M., (2004), *Boundedly Rational Land-use Strategies and the Local Dimensions of Human Vulnerability and Resilience in the Yucatán Peninsula*, (Manson-LASA 2004 – Boundedly rational land-use strategies), (Prepared for delivery at the 2004 Meeting of the Latin American Studies Association, Las Vegas, Nevada, October 7-9, 2004), 18 p.,
http://www.tc.umn.edu/~manson/Manson_2004_LASA_BR_in_SYPR.pdf
- Martin, David, (1991), *Geographic Information Systems and their Socioeconomic Applications*, Routledge, pp. 1-43, 161-166. (en formato digital).
- Mchaffie, Patrick, (2000), "Surfaces: Tacit knowledge, Formal Language, and Metaphor at the Harvard Lab for Computer Graphics and Spatial Analysis", *Int. J. Geographical Information Science*, (2000), vol. 14, no. 8, pp. 755- 773,
<http://taylorandfrancis.metapress.com/media/7HXDAF810G4XUH480RE7/Contributions/UT/W/3/UTW3X0VUX4URCXP.pdf>
- Mercer, J. Bryan, (1995), "SAR Technologies for Topographic Mapping", in Fritsch D. and D. Hobbie, (eds), *Photogrammetric Week 95*, Wichmann Verlag, Heidelberg, pp. 117-126, <http://www.ifp.uni-stuttgart.de/publications/phowo95/Mercer.pdf>
- México, Dirección General de Investigación de Ordenamiento Ecológico y Conservación de los Ecosistemas-Instituto Nacional de Ecología, Dirección General de Política Ambiental e Integración Regional y Sectorial-SEMARNAT y Dirección General de Desarrollo Territorial-SEDESOL, (2005), *Términos de referencia para la elaboración del Programa Municipal de Ordenamiento Ecológico y Territorial (PMOET)*, México, SEMARNAT, SEDESOL, 24 p., http://reliot.ine.gob.mx/ter_ref_pmoet.pdf
- México, H. Congreso de la Unión, (1983), *Ley de información Estadística y Geográfica*, (Nueva Ley publicada en el Diario Oficial de la Federación el 30 de diciembre de 1980), (última reforma aplicada 12/12/1983), México, Congreso de la Unión, 15 p.,
<http://www.cddhcu.gob.mx/leyinfo/pdf/41.pdf>
- México, Instituto Nacional de Estadística Geografía e Informática, (2001), *Utilidad de los Censos Económicos 1999*, México, INEGI, 20 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/economicos/1999/general/utilidad.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Anuario estadístico de los Estados Unidos Mexicanos, edición 2004*, México, INEGI, 100 p.,

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/aeeum/2004/Aeeum2004%20Archivo%201.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Anuario de Estadísticas por Entidad Federativa, edición 2005*, México, INEGI, 295 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/aepef/2005/AEPEF%2005%20%28Archivo%201%29.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2004), *Agenda Estadística de los Estados Unidos Mexicanos, edición 2004*, México, INEGI, 243 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/agenda/2004/agenda2004.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2005), *México en el mundo, edición 2005*, México, INEGI, 300 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/especiales/mexmun/2005/Mex-mun05-archivo1.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2001), *Actividades de producción de bienes. Minería y extracción de petróleo; industrias manufactureras; industria eléctrica; captación, tratamiento y suministro de agua e industria de la construcción. Censos Económicos 1999*, México, INEGI, 373 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/economicos/1999/bienes/rina.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2001), *Indicadores Sociodemográficos de México (1930-2000)*, México, INEGI, 355 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/sociodemografico/indisociodem/2001/indi2001.pdf

México, Instituto Nacional de Estadística Geografía e Informática y OEA-CEPAL, (2001), *Encuesta del estado actual de la información ambiental en América Latina y el Caribe, 1996: resultados, diagnóstico y líneas de acción para el trabajo regional en estadísticas del medio ambiente*, 104 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/especiales/medioambiente/eiaalc.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2005), *Estadísticas del Medio Ambiente del Distrito Federal y Zona Metropolitana (2002)*, México, INEGI, 18 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/sociodemografico/medioambdf/2002/archivo1.pdf

México, Instituto Nacional de Estadística Geografía e Informática, (2000), *Estadísticas del medio ambiente México, 1999*, México, INEGI,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/sociodemografico/medioambnal/1999/amb1999.html

- México, Instituto Nacional de Estadística Geografía e Informática, (2000), *Indicadores de desarrollo sustentable en México*, México, INEGI, 213 p.
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/especiales/indesmex/2000/ifdm2000F.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2004), *Indicadores Sociodemográficos del Distrito Federal (1930-2002)*, México, INEGI, 242 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/sociodemografico/indisociodem/2002/Indi2002.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2002), *Estados Unidos Mexicanos. Perfil sociodemográfico. XII Censo General de Población y Vivienda 2000*, México, INEGI, 209 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2000/perfiles/perfiles-eum.pdf
- México, Instituto Nacional de Estadística Geografía e Informática, (2000), *Estados Unidos Mexicanos. XII Censo General de Población y Vivienda 2000. Tabulados de la muestra censal. Cuestionario ampliado*, México, INEGI, 341 p.,
http://www.inegi.gob.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2000/archivospdf/tabulado.pdf
- México, Instituto Nacional de Estadística, Geografía, e Informática, (2000), *Modelos digitales de elevación escala 1:50 000: generalidades y especificaciones*, México, INEGI, 9 p.,
<http://mapserver.inegi.gob.mx/geografia/espanol/normatividad/mde/menu.cfm?c=198>
- Moizo Marrubio, Paul, (2004), “La percepción remota y la tecnología SIG: una aplicación en ecología de paisaje”, *GeoFocus* (Artículos), n° 4, pp. 1-24,
http://geofocus.rediris.es/docPDF/Articulo1_2004.pdf
- Munroe, Darla K., Jane Southworth and Catherine M. Tucker, (2004), “Modeling Spatially and Temporally Complex Land-Cover Change: The Case of Western Honduras”, *Professional Geographer*, Volume 56, Number 4, November, pp. 544-559, http://geog-www.sbs.ohio-state.edu/faculty/dmunroe/PROG_05604008.PDF
- Natural Resources Canada, Geomatics Training in Cross-Cultural Environments, Canada, NRC, 49 p., http://www.ccrs.nrcan.gc.ca/ccrs/learn/tutorials/geotraining/cultural_e.pdf
- Neun, Moritz and Stefan Steiniger, (2005), *Modelling Cartographic Relations for Categorical Maps*, (XXII International Cartographic Conference (ICC2005) A Coruña, Spain, 11-16 July 2005), 11 p.,
http://www.geo.unizh.ch/publications/degen/icc2005_neun_steiniger.pdf
- Nunes, C. and J.I. Augé (ed.), (1999), *Land-Use and Land-Cover Change (LUCC) Implementation Strategy*, (IGBP Report 48 and IHDP Report 10), IGBP, 126 p.,
http://www.igbp.kva.se/uploads/report_48.pdf

- Olson, Judy M. and Cynthia A. Brewer, (1997), "An Evaluation of Color Selections to Accommodate Map Users with Color- Vision Impairments", *Annals of the Association of American Geographers*, Vol. 87, No. 1, March, pp. 103-134,
<http://www.jstor.org/cgi-bin/jstor/printpage/00045608/di010522/01p0067x/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f78&0.pdf>
- Ottens, Henk F.L., 1990, "The Application of Geographical Information Systems in Urban and Regional Planning", in: Scholten, Henk J. and John C.H. Stillwell, (eds.), *Geographical Information Systems for Urban and Regional Planning*, Kluwer Academic Publishers, pp. 15-21. (en formato digital).
- Palik; Brian J., P. Charles Goebel, L. Katherine Kirkman and Larry West, 2000 "Using Landscape Hierarchies to Guide Restoration of Disturbed Ecosystems", *Ecological Applications*, Vol. 10, No. 1, pp. 189-202, <http://www.jstor.org/cgi-bin/jstor/printpage/10510761/di014627/01p03221/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Parent, Christine, Stefano Spaccapietra, Esteban Zimanyi, Pier Donini, Corinne Plazanet and Christelle Vangenot, *Modeling Spatial Data in the MADS Conceptual Model*, (Proc. of the International Symposium on Spatial Data Handling, SDH 98, Vancouver, Canada, July 11-15,1998), 12 p.,
http://lbdwww.epfl.ch/e/publications_new/articles.pdf/SDH98.pdf
- Patil, G. P., *Multiscale Advanced Raster Map Analysis for Sustainable Environment and Development*, 35 p., <http://www.stat.psu.edu/~gpp/pdfs/prospectus-1.pdf>
- Patterson, Tom and Nathaniel Vaughn Kelso, (2004), "Hal Shelton Revisited: Designing and Producing Natural-Color Maps with Satellite Land Cover Data", *Cartographic Perspectives*, No. 47, Winter (2004), 42 p.,
<http://www.shadedrelief.com/shelton/article/shelton.pdf>
- Phillips, Jonathan D., (1999), "Methodology, Scale, and the Field of Dreams", *Annals of the Association of American Geographers*, Vol. 89, No. 4, December, pp. 754-760,
<http://www.jstor.org/cgi-bin/jstor/printpage/00045608/di010533/01p0015g/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440355f09105c00fcec1&0.pdf>
- Pickles, John, (1997), "Tool or Science? GIS, Technoscience, and the Theoretical Turn", *Annals of the Association of American Geographers*, Vol. 87, No. 2, June, pp. 363-372,
<http://www.jstor.org/cgi-bin/jstor/printpage/00045608/di010523/01p0075y/0.pdf?backcontext=table-of->

[contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f78&0.pdf](http://colmex.mx/01cc99334100501a28f78&0.pdf)

Poore, Barbara S., (2003), "The Open Black Box: The Role of the End-User in GIS Integration", *The Canadian Geographer*, Vol. 47, No. 1, Spring 2003. pp. 62-74, http://vnweb.hwwilsonweb.com/hww/shared/shared_main.jhtml;jsessionid=ZSYVVTWYQG1KDQA3DIKSFGOADUNGIIV0?requestid=32394

Rosete, Fernando y Gerardo Bocco, *Los sistemas de información geográfica y la percepción remota: herramientas integradas para los planes de manejo en comunidades forestales*, 11 p., <http://www.ine.gob.mx/ueajei/publicaciones/gacetitas/399/rosete.html>

S/A, Geographic Information Systems-An Introduction, (presentación en Power Point), 7 p., http://visc.sis.pitt.edu/tutorials/GIS_intro.pdf

Santamaría Peña, Jacinto, (2001), *Integración de ortofotografía digital en sistemas de información geográfica y su aplicación a la revisión de la superficie catastral rústica*, (Tesis de Doctorado: Escuela Técnica Superior de Ingenieros Agrónomos, Universidad Pública de Navarra, España), 327 p., <http://descargas.cervantesvirtual.com/servlet/SirveObras/04706286466837395454480/013213.pdf>

Sieber, R. E., (2000), "Conforming (to) the Opposition: the Social Construction of Geographical Information Systems in Social Movements", *Int. J. Geographical Information Science*, vol. 14, no. 8, pp. 775-793, <http://taylorandfrancis.metapress.com/media/9F52YMQVRHDVACJ2CB9Q/Contributions/J/A/K/X/JAKXXCJAX3KBY0GG.pdf>

Sismondo, Sergio and Nicholas Chrisman, (2000), "Deflationary Metaphysics and the Natures of Maps", *Philosophy of Science*, Vol. 68, No. 3, Supplement Proceeding of 2000 Biennial Meeting of the Philosophy of Science Association, Part I: Contributed papers (2001), pp. 38-49, <http://www.jstor.org/cgi-bin/jstor/printpage/00318248/sp030004/03x0119o/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>

Stassopoulou, A., T. Caelli and R. Ramirez, (2000), "Automatic Extraction of Building Statistics from Digital Orthophotos", *Int. J. Geographical Information Science*, vol. 14, no. 8, pp. 795-814, <http://taylorandfrancis.metapress.com/media/0883LE4NWG1YUND8NA9G/Contributions/4/W/V/D/4WVD4FQ9W2T710VU.pdf>

Takagi, Masataka and Jong Hyeok Jeong, (2002), *An Accuracy Adjustment of GIS Data by Using a Data Fusion Method*, 67 p., <http://www.kochi-tech.ac.jp/library/ron/2001/g3/1045032.pdf>

Vigésima Segunda Generación
24 al 28 de julio de 2017**Tercera Semana**
Bibliografía

- Tatem, A. J., H. G. Lewis, P. M. Atkinson and M. S. Nixon, (2003), “Increasing the Spatial Resolution of Agricultural Land Cover Maps Using a Hopfield Neural Network”, *International Journal of Geographical Information Science*, Vol. 17, No. 7, October-November 2003 , pp. 647-672,
<http://taylorandfrancis.metapress.com/media/DFDQ68WUVM6YTJM7NA9G/Contributions/U/5/D/2/U5D21PKFTQE9MM2A.pdf>
- Torrens, Paul M. and Itzhak Benenson, (2005), “Geographic Automata Systems”, *International Journal of Geographical Information Science*, Vol. 19, No. 4, April, pp. 385–412,
<http://taylorandfrancis.metapress.com/media/7851YNVUYJ5T2AG4RYE0/Contributions/W/T/C/T/WTCTP5KGWACQLR6W.pdf>
- Tryfona, Nectaria and Jayant Sharma, (1995), *On Information Modeling To Support Interoperable Spatial Databases*, (National Center for Geographic Information and Analysis Technical Report 95-12), NCGIA, 15 p.,
http://www.ncgia.ucsb.edu/Publications/Tech_Reports/95/95-12.pdf
- Urban, Dean L., (2000), “Using Model Analysis to Design Monitoring Programs for Landscape Management and Impact Assessment”, *Ecological Applications*, Vol. 10 No. 6, pp. 1820-1832, <http://www.jstor.org/cgi-bin/jstor/printpage/10510761/di014630/01p00211/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>
- Vatsavai, Ranga Raju, Thomas E. Burk, B. Tyler Wilson and Shashi Shekhar, *A Web-based Browsing and Spatial Analysis System for Regional Natural Resource Analysis and Mapping*, <http://www-users.cs.umn.edu/~vatsavai/papers/acmgis00-raju.pdf>
- Velázquez, Alejandro, Alejandro Torres y Gerardo Bocco, (2003), *Las enseñanzas de San Juan. Investigación participativa para el manejo integral de recursos naturales*, México, INE-SEMARNAT, 603 p.,
http://www.ine.gob.mx/publicaciones/descarga.html?cv_pub=420&tipo_file=pdf&file_name=420
- Verburg, Peter H. and A. Veldkamp, (2005), “Introduction to the Special Issue on Spatial Modeling to Explore Land Use Dynamics”, *International Journal of Geographical Information Science*, Vol. 19, No. 2, February, pp. 99–102,
<http://taylorandfrancis.metapress.com/media/16UT607D4G7TVHD9AFTX/Contributions/W/A/F/R/WAFRQR6P0KUF31GY.pdf>
- Weir, I. S. and A. N. Pettitt, (2000), “Binary Probability Maps Using a Hidden Conditional Autoregressive Gaussian Process with an Application to Finnish Common Toad Data”, *Applied Statistics*, Vol. 49, No. 4, pp. 473-484, <http://www.jstor.org/cgi-bin/jstor/printpage/00359254/di020386/02p0087i/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cce440370050181dd5f&0.pdf>

- Wilson, John P. and Peter A. Burrough, (1999), “Dynamic Modeling, Geostatistics, and Fuzzy Classification: New Sneakers for a New Geography?”, *Annals of the Association of American Geographers*, Vol. 89, no. 4, pp. 736-746, <http://www.jstor.org/cgi-bin/jstor/printpage/00045608/di010533/01p0013e/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f5d&0.pdf>
- Wong, D. W. S. and A. S. Fotheringham, 1990, “Urban Systems as Examples of Bounded Chaos: Exploring the Relationship between Fractal Dimension, Rank-Size, and Rural-to-Urban Migration”, *Geografiska Annaler*, Series B, Human Geography, Vol.72 No. 2/3, pp. 89-99, <http://www.jstor.org/cgi-bin/jstor/printpage/04353684/ap020055/02a00040/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f78&0.pdf>
- Wright, Dawn J., Michael F. Goodchild and James D. Proctor, (1997), “GIS: Tool or Science? Demystifying the Persistent Ambiguity of GIS as ‘Tool’ Versus ‘Science’”, *Annals of the Association of American Geographers*, Vol. 87, No. 2, June, pp. 346-362, <http://www.jstor.org/cgi-bin/jstor/printpage/00045608/di010523/01p0074x/0.pdf?backcontext=table-of-contents&dowhat=Acrobat&config=jstor&userID=c834ff01@colmex.mx/01cc99334100501a28f78&0.pdf>
- Yuan, May, (2005), “Beyond Mapping in GIS Applications to Environmental Analysis”, *Bulletin of the American Meteorological Society*, Vol. 86, No. 2, February, pp. 169-70, http://vnweb.hwwilsonweb.com/hww/shared/shared_main.jhtml;jsessionid=ZSYVVTWYQG1KDQA3DIKSFGOADUNGIIIV0?_requestid=32394