

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**

- 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](http://download.springer.com/static/pdf/446/bok%253A978-3-642-39733-2.pdf?auth66=1395416684_3240dc6cce16ee32f71ab31be196bb8d&ext=.pdf)
- 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>
- 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, [http://ac.els-cdn.com/S0341816213002208/1-s2.0-S0341816213002208-main.pdf?\\_tid=8095caf6-b119-11e3-8274-00000aabb0f6b&acdnat=1395421064\\_9befdb2930ed7db2a4e200b17eeb1ba9](http://ac.els-cdn.com/S0341816213002208/1-s2.0-S0341816213002208-main.pdf?_tid=8095caf6-b119-11e3-8274-00000aabb0f6b&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](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-b768-00000aabb0f27&acdnat=1432761982\\_1cc4e4718056469978492e231ae20a6a](http://ac.els-cdn.com/S0924271615000416/1-s2.0-S0924271615000416-main.pdf?_tid=9a5e85b2-04b6-11e5-b768-00000aabb0f27&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->

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016****Segunda Semana**  
**Bibliografía**

[main.pdf?\\_tid=5b66399e-b116-11e3-b0b7-00000aab0f6c&acdnat=1395419713\\_327fc485be6ac7e45750e19cb0b0bd52](http://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>

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](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](http://ac.els-cdn.com/S0924271613002293/1-s2.0-S0924271613002293-main.pdf?_tid=a8aa33c6-b117-11e3-b225-00000aab0f27&acdnat=1395420272_3ee454a461d575a106c5ed75c16ff1c1)

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>
- 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](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](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](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>
- 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=b1bedece-b051-11e3-859b-00000aabb0f01&acdnat=1395335247\\_9fd74090b18fdb7242aa9836fca794c1](http://ac.els-cdn.com/S0034425713002873/1-s2.0-S0034425713002873-main.pdf?_tid=b1bedece-b051-11e3-859b-00000aabb0f01&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](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](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>
- 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](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](http://download.springer.com/static/pdf/824/bok%253A978-3-319-01689-4.pdf?auth66=1395419736_3bdafd34e8fb9a4e15e87015614ec72e&ext=.pdf) (ver SUNDARESAN\_Geospatial Technologies)
- 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](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](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->

| Vigésima Primera Generación<br>16 al 20 de mayo de 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Segunda Semana<br>Bibliografía |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <p>cdn.com/S0030402613009595/1-s2.0-S0030402613009595-main.pdf?_tid=09e476f2-b117-11e3-9f51-00000aacb35e&amp;acdnat=1395420006_992e46f26ab01e5af81ef0f49ef5f7db</p> <p>Instituto Nacional de Estadística y Geografía (2011), <i>Censo de Población y Vivienda (2010). Panorama sociodemográfico de México</i>, México, INEGI, 104 p,<br/><a href="http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/panora_socio/Cpv2010_Panorama.pdf">http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/panora_socio/Cpv2010_Panorama.pdf</a></p> <p>Instituto Nacional de Estadística y Geografía (2011), <i>Principales resultados del Censo de Población y Vivienda 2010</i>, México, INEGI, 122 p.,<br/><a href="http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/princi_result/cpv2010_principales_resultadosI.pdf">http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/censos/poblacion/2010/princi_result/cpv2010_principales_resultadosI.pdf</a></p> <p>Ishikawa, Toru (2016), “Spatial Thinking in Geographic Information Science: Students' Geospatial Conceptions, Map-Based Reasoning, and Spatial Visualization Ability”, <i>Annals of the American Association of Geographers</i>, Volume 106, Issue 1, pp. 76-95,<br/><a href="http://dx.doi.org/10.1080/00045608.2015.1064342">http://dx.doi.org/10.1080/00045608.2015.1064342</a></p> <p>Jung, Chin-Te, Chih-Hong Sun and May Yuan (2013), “An ontology-enabled framework for a geospatial problem-solving environment”, <i>Computers, Environment and Urban Systems</i> 38, pp. 45-57, <a href="http://ac.els-cdn.com/S0198971512001081/1-s2.0-S0198971512001081-main.pdf?_tid=f7ffd57c-a775-11e2-9d3f-00000aab0f02&amp;acdnat=1366213768_f8d6e7aed05859a2cf3222e4e2bb81cf">http://ac.els-cdn.com/S0198971512001081/1-s2.0-S0198971512001081-main.pdf?_tid=f7ffd57c-a775-11e2-9d3f-00000aab0f02&amp;acdnat=1366213768_f8d6e7aed05859a2cf3222e4e2bb81cf</a></p> <p>Karmas, Athanasios, Angelos Tzotsos and Konstantinos Karantzalos (2016), “Geospatial Big Data for Environmental and Agricultural Applications”, in S. Yu, S. Guo (eds.), <i>Big Data Concepts, Theories, and Applications</i>, Switzerland, Springer International Publishing, pp. 353-390,<br/><a href="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&amp;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">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&amp;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</a></p> <p>Khorram, Siamak, Cynthia F. van der Wiele, Frank H. Koch, Stacy A. C. Nelson and Matthew D. (2016), <i>Potts Principles of Applied Remote Sensing</i>, New York, Springer Science+Business Media, 307 p.,<br/><a href="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&amp;token2=exp=1457998389~acl=%2Fstatic%2Fpdf%2F58%2Fbok%25253A978-3-">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&amp;token2=exp=1457998389~acl=%2Fstatic%2Fpdf%2F58%2Fbok%25253A978-3-</a></p> |                                |



**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**
**Segunda Semana**  
**Bibliografía**

[319-22560-9.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fbook%252F10.1007%252F978-3-319-22560-9\\*~hmac=71cfcb6a101d700bb04b1847ceb68c50687b3ab6d83b13249d1cc8bdcfe05e58](http://dx.doi.org/10.1007%2F978-3-319-22560-9*~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-00000aabb0f02&acdnat=1395354164\\_df29dbcb940996822ff7814f6bc13de5](http://ac.els-cdn.com/S0303243413001682/1-s2.0-S0303243413001682-main.pdf?_tid=bd0252d0-b07d-11e3-a90f-00000aabb0f02&acdnat=1395354164_df29dbcb940996822ff7814f6bc13de5)

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-aeee-11e3-bf5d-00000aabb362&acdnat=1395182626\\_2bfa63da42a251b98088b34eb85a9bf3](http://ac.els-cdn.com/S0098300413002896/1-s2.0-S0098300413002896-main.pdf?_tid=5889353e-aeee-11e3-bf5d-00000aabb362&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>

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

[4.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10559-016-9807-4\\*~hmac=3ef6221182c94666f4710bc941bad5d9638aac17c478ceef5eb158ead584ee45](http://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=33f76428-04b7-11e5-9579-00000aabb0f01&acdnat=1432762240\\_673d6d481749c9aab936843d40fe149d](http://ac.els-cdn.com/S0924271615000520/1-s2.0-S0924271615000520-main.pdf?_tid=33f76428-04b7-11e5-9579-00000aabb0f01&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-ace8-00000aabc35f&acdnat=1395344280\\_861df916112a3bdf5e013b7aff3f1936](http://ac.els-cdn.com/S0198971514000180/1-s2.0-S0198971514000180-main.pdf?_tid=b9dc793a-b066-11e3-ace8-00000aabc35f&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, 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.advengsoft.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

---

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

---

---

**Segunda Semana**  
**Bibliografía**

---

Land Imager data”, *Remote Sensing of Environment*, Volume 175, March, pp. 73-91,  
<http://dx.doi.org/10.1016/j.rse.2015.12.047>

Mascorro, Vanessa S., Nicholas C. Coops, Werner A. Kurz and Marcela Olguín (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](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/aeeum/2012/Aeeum2012.pdf](http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/integracion/pais/aeeum/2012/Aeeum2012.pdf)

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)

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>



**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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>
- 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>
- 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](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\\_b08ba313dbd50f369d611feb9b15b&ext=.pdf](http://download.springer.com/static/pdf/28/chp%253A10.1007%252F978-3-642-31833-7_2.pdf?auth66=1395420587_b08ba313dbd50f369d611feb9b15b&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>
- 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](http://download.springer.com/static/pdf/187/chp%253A10.1007%252F978-3-642-23430-9_78.pdf?auth66=1395418436_d7011eee74079cff3559f04ca95546ca&ext=.pdf)
- Roth, Deborah, Rafael Moreno-Sanchez, Juan Manuel Torres-Rojo and Francisco Moreno-Sánchez (2016), “Estimation of human induced disturbance of the environment

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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>
- Secretaria 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/delimex10/multi\\_archivo/702825003884/DZM20101.pdf](http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/geografia/publicaciones/delimex10/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](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](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)
- 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*

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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>
- 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-00000aabb0f02&acdnat=1395345323\\_67fb224cdaec9986341fbbc976a7a190](http://ac.els-cdn.com/S0169204614000085/1-s2.0-S0169204614000085-main.pdf?_tid=27737b90-b069-11e3-948c-00000aabb0f02&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>
- 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](http://ac.els-cdn.com/S1364815214002825/1-s2.0-S1364815214002825-main.pdf?_tid=67dea4dc-049d-11e5-b3f0-00000aacb35e&acdnat=1432751160_7f3287a0a606a33652a324fe9726c782)
- 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>

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**
**Segunda Semana**  
**Bibliografía**

- 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-aeeef-11e3-973c-00000aacb360&acdnat=1395183255\\_ba429a34f13953bffc39b23d244f4525](http://ac.els-cdn.com/S1364815213003083/1-s2.0-S1364815213003083-main.pdf?_tid=cf90eb44-aeeef-11e3-973c-00000aacb360&acdnat=1395183255_ba429a34f13953bffc39b23d244f4525)
- 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](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](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>

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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>
- 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\\_f25f5cf05331be42be8dbbe65ec9a55a](http://ac.els-cdn.com/S0925231214008248/1-s2.0-S0925231214008248-main.pdf?_tid=afc9753e-04ba-11e5-a00a-00000aab0f26&acdnat=1432763736_f25f5cf05331be42be8dbbe65ec9a55a)
- 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](http://ac.els-cdn.com/S0262885614001863/1-s2.0-S0262885614001863-main.pdf?_tid=9a389e60-04bb-11e5-8f13-00000aacb35f&acdnat=1432764129_79ff3272e7cf02de9175098bcf20909a)
- 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](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](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](http://ac.els-cdn.com/S0143622811001871/1-s2.0-S0143622811001871-main.pdf?_tid=b4ee86c4e63318910b483dd48cc4e98e&acdnat=1339437237_069c17eba32d9f5b1ca34cf32152225)



**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**
**Segunda Semana**  
**Bibliografía**

- 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\\_dd0c763e009db9270dad7798334ca27c](http://ac.els-cdn.com/S009830041200091X/1-s2.0-S009830041200091X-main.pdf?_tid=c0150f7407226b43b02c9ebf829caa1c&acdnat=1339453465_dd0c763e009db9270dad7798334ca27c)
- 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](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=MIImg&\\_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=MIImg&_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*, (SEMAPRO 2011: The Fifth International Conference on Advances in Semantic Processing), 8 p., [http://www.thinkmind.org/index.php?view=article&articleid=semapro\\_2011\\_1\\_40\\_50106](http://www.thinkmind.org/index.php?view=article&articleid=semapro_2011_1_40_50106)
- 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-00000aabb0f02&acdnat=1366214115\\_fa1d13df07e9829df4d32a138815cbb9](http://ac.els-cdn.com/S004896971201563X/1-s2.0-S004896971201563X-main.pdf?_tid=c67f77b8-a776-11e2-9d3f-00000aabb0f02&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*

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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>
- 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>
- 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-ae51-00000aabb0f6b&acdnat=1366152386\\_0ec06b1707bc151a7525c15cdb10726a](http://ac.els-cdn.com/S0264837712000634/1-s2.0-S0264837712000634-main.pdf?_tid=0d38e792-a6e7-11e2-ae51-00000aabb0f6b&acdnat=1366152386_0ec06b1707bc151a7525c15cdb10726a)
- 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=5ec06678b19820654ebaf9605cbebccec&acdnat=1339438137\\_249b9dee48a504fbda4840046e1b0b27](http://ac.els-cdn.com/S1574954110000828/1-s2.0-S1574954110000828-main.pdf?_tid=5ec06678b19820654ebaf9605cbebccec&acdnat=1339438137_249b9dee48a504fbda4840046e1b0b27)
- 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=dGLbVzz-zSkWA&\\_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%2F2011&_sk=999939998&_wchp=dGLbVzz-zSkWA&_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=dGLbVlW-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=dGLbVlW-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

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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&acdnat=1339449905\\_4da3fb94a43c2f38998efe1b172c9ee2](http://ac.els-cdn.com/S0143622812000203/1-s2.0-S0143622812000203-main.pdf?_tid=a3fc1117619c7aa4e945ca1b66b02a17&acdnat=1339449905_4da3fb94a43c2f38998efe1b172c9ee2)
- 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](http://ac.els-cdn.com/S0143622811002402/1-s2.0-S0143622811002402-main.pdf?_tid=3481c1ca398ea9df07b7e7f6832dcf16&acdnat=1339441707_2db5ba2d38a08c5be9f1ced4f9b4da0e)
- 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](http://ac.els-cdn.com/S0143622811001202/1-s2.0-S0143622811001202-main.pdf?_tid=abd277102fa0b02500576a31c08530a0&acdnat=1339438636_d6fcf367c8810a7cc626e3ecdc3fc55f)
- 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\\_sl\\_t\\_list\\_item&\\_coverDate=04%2F30%2F2011&\\_sk=999739995&wchp=dGLbVtb-zSkzk&md5=ea9908570a75288bbf220b779c4b81fa&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6VHC-51CRWK8-1-H&_cdi=6063&_user=1769407&_pii=S1364815210002586&_origin=search&_zone=rs_sl_t_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\\_sl\\_t\\_list\\_item&\\_coverDate=01%2F31%2F2011&\\_sk=999809998&wchp=dGLbVtb-zSkzk&md5=87b45dddf34ad44e1eb1248ce3417586&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6VG8-4XFNCPS-1-C&_cdi=6032&_user=1769407&_pii=S0966692309001458&_origin=search&_zone=rs_sl_t_list_item&_coverDate=01%2F31%2F2011&_sk=999809998&wchp=dGLbVtb-zSkzk&md5=87b45dddf34ad44e1eb1248ce3417586&ie=/sdarticle.pdf)
- 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>

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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](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](http://ac.els-cdn.com/S0305750X10001865/1-s2.0-S0305750X10001865-main.pdf?_tid=3e1717f832e677a375c93762304e8067&acdnat=1339439316_e21c504c4831ca49c80f5ffa7c981769)
- 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](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](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](http://ac.els-cdn.com/S0378778812000333/1-s2.0-S0378778812000333-main.pdf?_tid=d0ce2bc1960d84c39a0ef0706bca8077&acdnat=1339193789_a6682d42d6103ea3ea6b585e9efbda23)
- 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](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)
- 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](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>
- 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](http://ac.els-cdn.com/S0921800912004284/1-s2.0-S0921800912004284-main.pdf?_tid=5ae14654-a86f-11e2-9808-00000aacb362&acdnat=1366320879_48e51fe9f2f28d2a3dec40fe32113778)
- 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](http://ac.els-cdn.com/S0169555X10004332/1-s2.0-S0169555X10004332-main.pdf?_tid=a56590f087bfc871a9aaafeb7d911e84&acdnat=1339004331_12a838404a438c2fe8636d27dd555d3c)
- 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](http://ac.els-cdn.com/S1470160X11003475/1-s2.0-S1470160X11003475-main.pdf?_tid=44b75039bc6695179b3e12e47815bafa&acdnat=1339006344_a0323a5191ef2e516cc16e24f7a1afc7)



---

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

---

**Segunda Semana**  
**Bibliografía**

---

- 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](http://ac.els-cdn.com/S0169204611003677/1-s2.0-S0169204611003677-main.pdf?_tid=5ecaf3fda7466bccf701f638d66b62bb&acdnat=1339196640_c8fc9a9c92047fd7da9f467fbc388c7b)
- 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](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>
- 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](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>
- 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>
- 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](http://www.thinkmind.org/index.php?view=article&articleid=geoprocessing_2013_5_1_0_30085)

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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=rs\\_lsl\\_list\\_item&\\_coverDate=02%2F28%2F\(2011\)&\\_sk=999789998&\\_wchp=dGLbVlW-zSkzV&md5=a059f72a2f36e7e05423220fca0154df&ie=/sdatarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6VFV-5166VK8-1-K&_cdi=6020&_user=1769407&_pii=S0959378010000828&_origin=search&_zone=rs_lsl_list_item&_coverDate=02%2F28%2F(2011)&_sk=999789998&_wchp=dGLbVlW-zSkzV&md5=a059f72a2f36e7e05423220fca0154df&ie=/sdatarticle.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=rs\\_lsl\\_list\\_item&\\_coverDate=04%2F13%2F2011&\\_sk=999999999&\\_wchp=dGLbVtz-zSkzk&md5=0d16d02bfd7d26e223e2115e0899f5f9&ie=/sdatarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6W87-52M3GTM-1-1&_cdi=6647&_user=1769407&_pii=S1470160X11000628&_origin=mlkt&_zone=rs_lsl_list_item&_coverDate=04%2F13%2F2011&_sk=999999999&_wchp=dGLbVtz-zSkzk&md5=0d16d02bfd7d26e223e2115e0899f5f9&ie=/sdatarticle.pdf)
- 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>
- 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/S0167880911001538/1-s2.0-S0167880911001538-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](http://ac.els-cdn.com/S1476945X12000396/1-s2.0-S1476945X12000396-main.pdf?_tid=1ca3e3c8dd24cb6ceae3751f31938c5c&acdnat=1339449434_071b98dd73eae9fbb39c20bd743c589f)
- 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](http://ac.els-cdn.com/S0924271612000342/1-s2.0-S0924271612000342-main.pdf?_tid=77aa3bbd39fadd204147a6aa6e2895ca&acdnat=1339438374_2a5492d3e1012bf3f1739d4a5b57dc0a)

- Luo, Li and Giorgos Mountrakis (2011), "Converting local spectral and spatial information from a priori classifiers into contextual knowledge for impervious surface 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](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=rsLt\\_list\\_item&\\_coverDate=04%2F12%2F2011&\\_sk=999999999&wchp=dGLbVzb-zSkWA&md5=4bf403ae1732962459e62e0d4d012f78&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6V3S-52KW0PT-2-9&_cdi=5738&_user=1769407&_pii=S0273117711002420&_origin=search&_zone=rsLt_list_item&_coverDate=04%2F12%2F2011&_sk=999999999&wchp=dGLbVzb-zSkWA&md5=4bf403ae1732962459e62e0d4d012f78&ie=/sdarticle.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](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=rsLt\\_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=rsLt_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](http://ac.els-cdn.com/S0168169912000336/1-s2.0-S0168169912000336-main.pdf?_tid=ebe30b38af9220782f64f7bbf9f5a266&acdnat=1339196110_111bfc52a81026d8174664ddd2384637)
- 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-

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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=rslt\\_list\\_item&\\_coverDate=01%2F31%2F\(2011\)&\\_sk=999689998&\\_wchp=dGLbVlW-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=rslt_list_item&_coverDate=01%2F31%2F(2011)&_sk=999689998&_wchp=dGLbVlW-zSkzV&md5=6149f7cdc97e505a706717e9e2ea3041&ie=/sdarticle.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](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 (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](http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/economicas/medio%20ambiente/2009-09/SCEEM2005-2009.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>
- 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>
- Nyerges, Timothy L., Mary J. Roderick and Michalis Avraam (2013), "CyberGIS design considerations for structured participation in collaborative problem solving",

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**
**Segunda Semana**  
**Bibliografía**

- International Journal of Geographical Information Science*, S/V, S/N, pp. 1-16,  
<http://www.tandfonline.com/doi/pdf/10.1080/13658816.2013.770516>
- 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\\_84672acbb22ae7c696e9f186201675d7](http://ac.els-cdn.com/S0303243411001954/1-s2.0-S0303243411001954-main.pdf?_tid=e205cbf4a5350b579caac037c574cb95&acdnat=1339452376_84672acbb22ae7c696e9f186201675d7)
- 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](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&\\_lt\\_list\\_item&\\_coverDate=03%2F21%2F2011&\\_sk=999999999&\\_wchp=dGLbVlb-zSkzS&\\_md5=c5eccc2722fa9785cc57778e3c8de6c&\\_ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B6V6C-52F85YF-3-1&_cdi=5811&_user=1769407&_pii=S0022169411001880&_origin=search&_zone=rs&_lt_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](http://www.tropecol.com/pdf/open/PDF_54_2/8-Reddy%20etal.pdf)
- 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



**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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 Schmidtlein, 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](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](http://ac.els-cdn.com/S0143622810001517/1-s2.0-S0143622810001517-main.pdf?_tid=4bab27f36f81d2efa0a48a499c217417&acdnat=1339437648_fc660166077d27a9ec6a7ef4685bb63f)
- Růžicková, Kateřina, Martina Dohnalová and Jan Růžicka (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](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](http://ac.els-cdn.com/S0169204612003271/1-s2.0-S0169204612003271-main.pdf?_tid=093d5f24-a872-11e2-9808-00000aacb362&acdnat=1366322033_016de4e1da5a6166abe11198955753a9)
- 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>

- 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-imperious surface model”, *Applied Physics & Engineering*, Vol. 13, No. 2, pp. 146-158,  
<http://www.springerlink.com/content/v61n163251ggm67h/fulltext.pdf>
- 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/S0143622810000858/1-s2.0-S0143622810000858-main.pdf?_tid=7789c4aa8f2e6a642256a0f54e62d466&acdnat=1339439724_5a2fc55b43136426f6672a602ac16607)
- 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](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](http://ac.els-cdn.com/S1470160X12000593/1-s2.0-S1470160X12000593-main.pdf?_tid=3f82594f7fe2a666fc72845429c05d25&acdnat=1339440381_759da3b745d114499ea3e7231af9acc2)
- 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->

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

[main.pdf?\\_tid=502dd9a44c4d6e13868223903e674bce&acdnat=1339008025\\_5b478ce8ed3553527c05c2f1056b5e10](http://main.pdf?_tid=502dd9a44c4d6e13868223903e674bce&acdnat=1339008025_5b478ce8ed3553527c05c2f1056b5e10)

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>

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>

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>

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&acdnat=1339441297\\_169e025b4f3cf43334f8ce5cd73acabb](http://ac.els-cdn.com/S0304380011005916/1-s2.0-S0304380011005916-main.pdf?_tid=651a0a93e7673fc280dfe54e0147599e&acdnat=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=MIImg&\\_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=MIImg&_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)

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=MIImg&\\_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=MIImg&_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 CO<sub>2</sub> 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=rsl](http://www.sciencedirect.com/science?_ob=MIImg&_imagekey=B984K-52HJH2J-59-1&_cdi=59073&_user=1769407&_pii=S1876610211003857&_origin=mlkt&_zone=rsl)

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

[t.list.item&coverDate=12%2F31%2F2011&sk=999959999&wchp=dGLbVtz-zSkzk&md5=27ace746ba1f4d55c4bce508c1351924&ie=/sdarticle.pdf](http://t.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](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/S03043800090008412/1-s2.0-S03043800090008412-main.pdf?\\_tid=683bf60eef4391448c3388f5c5491c48&acdnat=1339005147\\_380934fca9b722563b27ebb744b033df](http://ac.els-cdn.com/S03043800090008412/1-s2.0-S03043800090008412-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](http://ac.els-cdn.com/S1878029612002162/1-s2.0-S1878029612002162-main.pdf?_tid=d525271cdc0e1057e870a5be87655bd1&acdnat=1339453897_9bd0a1568482fb9b92d1f1e2e665bb59)

## CUENTAS NACIONALES BÁSICA

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>

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%2Fs11269-015-1189-2&token2=exp=1458150744~acl=%2Fstatic%2Fpdf%2F30%2Fart%25253A10.1007%252Fs11269-015-1189-2.pdf>

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

[25252Fs11269-015-1189-2.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252F978-3-319-28281-7\\_5&token2=exp=1458069800~acl=%2Fstatic%2Fpdf%2F825%2Fchp%25253A10.1007%252F978-3-319-28281-7\\_5.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252F978-3-319-28281-7\\_5~hmac=ae3349e7c1f83c023991c072d8d6d60a9568cf2191cc13ec7bc243ba3b8a1cb0](https://doi.org/10.1007/978-3-319-28281-7_5.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2F978-3-319-28281-7_5&token2=exp=1458069800~acl=%2Fstatic%2Fpdf%2F825%2Fchp%25253A10.1007%2F978-3-319-28281-7_5.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252F978-3-319-28281-7_5~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](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 Lúcia 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%2F978-3-319-28281-7\\_5&token2=exp=1458069800~acl=%2Fstatic%2Fpdf%2F825%2Fchp%25253A10.1007%252F978-3-319-28281-7\\_5.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-3-319-28281-7\\_5~hmac=13fb35f24a11c281970802c3c6d7d297409d48a737c9b160c9c0ed0090df318e](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%2F978-3-319-28281-7_5&token2=exp=1458069800~acl=%2Fstatic%2Fpdf%2F825%2Fchp%25253A10.1007%252F978-3-319-28281-7_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%252F978-94-017-9178-6\\_6.pdf\\*~hmac=348828992e85caba1f4878105c48bde0baec0a35f2486b1f1ae71c0419f17852](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%252F978-94-017-9178-6_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>



**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**

**Segunda Semana**  
**Bibliografía**

- 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](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>
- 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](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-a223-00000aabb0f02&acdnat=1366047815\\_afdc7ddfb3b6bf41d6559c15c3d05323](http://ac.els-cdn.com/S1045235413000257/1-s2.0-S1045235413000257-main.pdf?_tid=93dccab0-a5f3-11e2-a223-00000aabb0f02&acdnat=1366047815_afdc7ddfb3b6bf41d6559c15c3d05323)
- 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/FinancialHB.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](http://unstats.un.org/unsd/envaccounting/seeaRev/eea_final_en.pdf)

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016****Segunda Semana**  
**Bibliografía**

- 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](http://ac.els-cdn.com/S092180091300030X/1-s2.0-S092180091300030X-main.pdf?_tid=9e374024-a5f0-11e2-8cf2-00000aacb35e&acdnat=1366046544_a0f56116bfaf17f73ff6225a257b999b)
- Bouwmeester, Maaïke 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>
- Christ, Katherine L. and Roger L. Burritt (2013), “Environmental management accounting: the significance of contingent variables for adoption”, *Journal of Cleaner Production* 41, pp. 163-173, <http://ac.els-cdn.com/S0959652612005392/1-s2.0->

**Vigésima Primera Generación**  
**16 al 20 de mayo de 2016**
**Segunda Semana**  
**Bibliografía**

[S0959652612005392-main.pdf?\\_tid=6af0f2d8-a5f4-11e2-9837-00000aacb362&acdnat=1366048176\\_8ec2e6c4ab0104bbf787470289975b3c](http://ac.els-cdn.com/S0959652612005392-main.pdf?_tid=6af0f2d8-a5f4-11e2-9837-00000aacb362&acdnat=1366048176_8ec2e6c4ab0104bbf787470289975b3c)

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](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](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>

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](http://www.inegi.org.mx/prod_serv/contenidos/espanol/bvinegi/productos/derivada/cuentas/bienes%20y%20servicios/2011/CByS2007-2011.pdf)

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>

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](http://ac.els-cdn.com/S092180091200242X/1-s2.0-S092180091200242X-main.pdf?_tid=d2942b24-a5f6-11e2-8a61-00000aacb35e&acdnat=1366049208_3e49c629fe71a4d6e6361eccc6c3117d)