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Foreword

The release of 9th Issue of LEAD Network Newsletter has been coincided with COP24 KATOWICE 2018 due to its high significance at a time when the Special Report of IPCC of Global Warming of 1.5°C has made startling revelations about the gloomy future of people and planet. According to this report, the temperature range must remain below the 1.5°C threshold to avoid catastrophic events including famine, disease and displacement due to sea-level rise, imminent drought on massive scale and hydro-meteorological phenomena. To maintain the status quo, emissions must decrease 45 per cent from 2010 levels by 2030. Even some climate scientists are making predictions about the sixth mass extinction of life on the planet especially after WWF Report revealed that since 1970s, we have wiped out 60% of wildlife on the Earth. LEAD Network representing almost all continents and ecological zones of the globe has already been raising importance of environmentally sound climate compatible development by training and mentoring the young generation of leaders as decision makers from all corners of the world since its establishment. Although the ongoing policies of current US Government and her allies have inflicted tremendous setbacks to the climate science and its voice for saving life on the planet despite occurrence of the ongoing extreme weather events across North America and Europe but majority of the ingenious humans and scientific forums have time and again warned to protect the global commons in a way where our shared ecosystem could be sustained and saved for our generations to come.

Its high time that various LEAD Member Programs (MPs) along with its dynamic arm of the LEAD Fellows Network whoever are in a position to join the forthcoming COP24 Conference schedule this month, must play a more proactive role to resist all the anti-climate science and anti-climate justice policies being enforced by the vested interests across the globe. During the forthcoming COP24 Conference in KATOWICE, our collective voice may be effectively raised and heard in support of Rule Book of Global Paris Agreement 2015 that was a watershed moment for humanity, obligations made by high emitters for climate finance, mechanism for loss and damage in support of underdeveloped countries and call for action on latest IPCC Special Report. Despite several challenges; mainly of unity ahead and a few of our internal weaknesses, LEAD Network with about 3,000 members is still capable to make a great difference through its leadership role for saving the people and planet.

Our ongoing efforts to strengthen inter and intra cohort networking through efficient use of various communication channels mainly that of social media and regular issuance of LEAD Network Newsletter as collective voice of the Fellows have considerably decreased the distances amongst the Fellows. On the next level, we need to build our interaction further through enhancing tangible meetings for evolving collaborative interest based plans with the effort to generate products and services in the best interest of humanity. To push this agenda forward, more views and suggestions are being shared by several LEAD Fellows and MPs that we will gradually be putting these into actions over the coming few weeks.

Regards,

Ali Tauqeer Sheikh
CEO, LEAD Pakistan

ABOUT LEAD NETWORK

LEAD Network is the most dynamic, perhaps the largest multi-sectoral network of professionals from across the globe representing diverse backgrounds such as academia, media, industry, civil society, community, government, etc. who have a shared vision about the future. With more than 2500 Fellows, it is committed to make a difference in the lives of people with focus on sustainable development.

THEMATIC AREAS

Adaptation and Mitigation
Leadership and Capacity Building
Partnerships
Private Sector Engagement
LEAD Fellows' Online Interviews & Updates
Friends of LEAD Network



MCA MEMBERS

LEAD-Anglophone West Africa
LEAD-Francophone Africa
LEAD-India
LEAD-Mexico
LEAD-Pakistan
LEAD-Southern and Eastern Africa

NON-MCA MEMBERS

LEAD-China
LEAD-Indonesia
LEAD-Japan

This Newsletter is a joint publication of LEAD Programs working under Mutual Collaborative Agreement (MCA) and is intended to reflect views of the LEAD Stakeholders such as regional and country programs, LEAD Fellows and Friends of LEAD.

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Pakistan at Global Warming of 1.5 – 2°C

LEAD Pakistan

Why Global Warming of 1.5-2°C matters for Pakistan? Even at 1°C of global warming Pakistan has been exposed to a multitude of climate change impacts. Increase in frequency and intensity of extreme weather events, surging stress on water resources, receding cryosphere and glaciers, swelling health risks, rising climate change induced migration and often irreversible impacts on land and water ecosystems.

These impacts will exacerbate at global warming of 1.5°C, with even worse consequences at 2°C, reveals the IPCC Special Report, and we are not on track for either. Global warming at 2°C will expose about 37% of world population to severe heat waves (at least once every five years), 411 million more urban population to severe drought and 32 to 80 million people to flooding from sea level rise in 2100. If the world strives to limit global warming to 1.5°C, according to scientists at IPCC, we can reduce severe heat wave casualties to 14%, rise in drought affected population to 350 million and flood victims to 31 to 69 million compared to 2°C levels. Thus, half a degree of global warming could expose tens of millions more people worldwide to life-threatening heat waves, water shortages and coastal flooding.

Why must Pakistan worry about the global temperature increases? Global warming of 1.5°C and more so of 2°C will not only exacerbate climate change impacts but have direct implications on Pakistan's economy, food security, water supply, livelihoods, social well-being and ecosystem health. The need to undertake planning on how to cope with surging risks associated with climate change is more necessary than ever.

Vulnerable populations including women and migrants and local communities dependent on agricultural or coastal livelihoods are at a disproportionately higher risk of adverse consequences. Effects on human health are expected to increase, including negative consequences for heat related morbidity and mortality and increasing risks from vector borne diseases. Expected reductions in crop yields, particularly in maize, rice, wheat, and potentially other cereal crops will harm food security. Biodiversity and ecosystems will suffer long-lasting and irreversible changes, including species loss and extinction, more so at higher temperature increases. IPCC predicts that globally 18% of insects, 16% of plants, 8% of vertebrates will lose more than half of their range at global warming levels of 2°C.

Far-reaching transitions in energy, land, urban and infrastructure and industrial systems will be required. Renewables are projected to supply 48-60% of electricity by 2030 and 63-81% by 2050 if warming is limited to 1.5°C. IPCC predicts steep reductions in the use of coal for electricity, close to 0% to limit global warming levels. Similarly, to limit warming 1.5°C, CO₂ emissions from industry are projected to be 75-90% lower in 2050 from 2010 levels.

Limiting warming to 1.5°C is barely feasible and every year we delay the window of feasibility halves. Adaptation will be expensive, but the window of opportunity is not yet closed. For ecosystems, food and health systems adaptation will be more challenging at 2°C of global warming than for 1.5°C. Adaptation options specific to national contexts if carefully selected together with enabling conditions, will have benefits for sustainable development and poverty reduction. However, if poorly designed or implemented, adaptation projects can result in trade-offs or maladaptation with adverse impacts for sustainable development. Pathways for adaptation to climate change have robust synergies particularly with health (SDG 3), clean energy (SDG 7), cities and communities (SDG 11), responsible consumption and production (SDG 12) and oceans (SDG 14). Some pathways have potential tradeoffs with mitigation for poverty (SDG 1), hunger (SDG 2), water (SDG 6) and energy access (SDG 7).

Pakistan must look to domestic and global channels to garner support for strengthening their preparedness and response to these global changes that will have local impacts. Transitions in systems can be enabled by an increase of adaptation and mitigation investments, policy instruments, the acceleration of technological innovation and behavior changes. Strengthening the capacities for climate action of national and sub-national authorities, civil society, the private sector, and local communities can support the implementation of actions implied by limiting global warming to 1.5°C. International cooperation can provide an enabling environment for this to be achieved in the context of sustainable development.

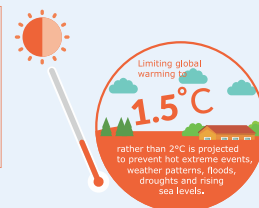
In this regards, LEAD Pakistan organised a national consultation on 'Pakistan at Global Warming of 1.5°C – 2 °C: Capturing Opportunities and Managing Challenges' jointly organized by Leadership for Environment and Development (LEAD) Pakistan and Ministry of Climate Change.

With the global climate event Conference of the Parties (COP24) scheduled current month in Poland, the consultation came at a critical juncture and discussed a pressing issue also mobilized stakeholders from different sectors on a common agenda of tackling climate change.

Proceedings of the national consultation is available on the facebook page www.fb.com/leadpakistan

National Consultation Pakistan at Global Warming of 1.5 – 2 °C: Capturing Opportunities and Managing Challenges

November, 30 2018
0900-1300
Islamabad
By Invitation Only



This consultation on the recently released Intergovernmental Panel on Climate Change (IPCC) Special Report 2018 on Global Warming of 1.5-2°C will bring together an esteemed panel of experts to discuss and propose actions to address the implications of climate change and global warming on food security, water resources, energy, floods and extreme events and sustainable development.

Welcome Address
Ms. Rahat Kaunain,
*Member Board of Governors,
LEAD Pakistan*



Keynote Address
Panmao Zhai,
*Lead Author Inter
governmental Panel on
Climate Change*



Keynote Address
Dr. Tariq Banuri,
*Chairman,
Higher Education
Commission*



Inaugural Address
Mushahid Hussain Syed,
*Senator, Member Senate
Committee on Climate
Change*



Opening Address
Mr. Ali Tauqueer Sheikh,
CEO, LEAD Pakistan



Moderated Discussion on Report on Global Warming of 1.5-2°C: Implications on Pakistan

Moderator
Mr. Ahmad Rafay Alam,
*Environment Lawyer & LEAD
Fellow*



Panelist
Dr. Zia Hashmi,
*Head of Water
Resources &
Glaciology Section,
GCISC*



Panelist
Dr. Asma Hyder,
*Member Social
Sector, Planning
Commission*



Panelist
Mr. Ahmed Kamal,
*Chairman, Federal
Flood Commission*



Panelist
**Mr. Ashfaq
Mahmood,**
*Former Federal
Secretary, Water
and Power*



Panelist
Dr. Ghulam Rasul,
*Former DG, Pakistan
Meteorological
Department*



Panelist
Mr. Mehr Ali Shah,
*Joint Secretary, Ministry
of Water Resources*



Panelist
Dr. Yusuf Zafar,
*Chairman, Pakistan
Agricultural Research
Council*



#LEAD4Climate

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Moderated Discussion on Reflections by Development Partners: Capturing Opportunities and Managing Challenges

Moderator
Mr. Ali Khizer,
*Head of Research,
Business Recorder*



Speaker
Ms. Margaret Adamson,
*Australian High
Commissioner to
Pakistan*



Speaker
Mr. Marc Baréty,
*Ambassador of
France to Pakistan*



Speaker
Mr. Neil Bunhe,
*UN Resident
Coordinator, Pakistan*



Speaker
Ms. Melinda Good,
*Operations Manager
World Bank, Pakistan*



Speaker
Mr Piotr A. Opalinski,
*Ambassador of Poland
in Pakistan*



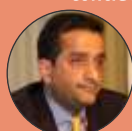
Speaker
Ms. Anne Marchal,
*Deputy Head of Mission,
European Delegation*



Concluding Observations



Dr. Ishrat Hussain,
*Adviser to PM,
Institutional
Reforms*



**Mr. Malik Amin
Aslam,**
*Advisor to PM,
Climate Change*



Ms. Saima Khawaja,
*Board of Governors
LEAD Pakistan*



*To be confirmed



Water Cooperation in Central Asia: History and Trends

LEAD Pakistan



LEAD Pakistan hosted an interactive webinar session on 'Water Cooperation in Central Asia: history and trends' with Dr. Iskandar Abdullaev, working as Director of Regional Environmental Center (CAREC) for Central Asia since year 2013. Dr. Iskandar Abdullaev has over 25 years of experience in irrigation & drainage management, water institutions, allocation and distribution of water in Afghanistan as well as all Central Asian countries. He received his PhD in water and land management and MSc in Hydro technical Engineering. He is a member of International Water Resources Association (IWRA), Board Member of Central Asian Research and Development Network (CARDN) and on the editorial board of few internationally peer reviewed journals.

The talk focused on the approaches and instruments for cooperation in transboundary river basins with a special focus on the Central Asian states comprising Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan. Water

is a valuable and scarce resource in the region and can be seen as one of its most significant security risks. Dr. Iskandar Abdullaev talked at length about the pragmatic approaches and trust building through bilateral and regional projects that could mutually benefit the central Asian countries in developing solid mechanisms for stronger and broader cooperation.

For more details about this talk, follow the link; <http://www.lead.org.pk/talks/talk25.htm>



Hydro-diplomacy, and how to manage India-Pakistan water relations

LEAD Pakistan



LEAD Pakistan hosted an interactive session on 'Hydro-diplomacy, and how to manage India-Pakistan water relations' as part of its LEADING Perspectives series on Managing Shared Basins. The guest speaker, Ashfaq Mahmood, focused on India Pakistan water relations and shared his thoughts on how hydro diplomacy can prevent a water driven war between the two countries. Mr Ashfaq Mahmood has served as Federal Secretary in several Ministries including Planning and Development, Water and Power, and Kashmir Affairs. During 2004-07 he led Pakistan's team for talks with India on several water issues and for proceedings before the Neutral Expert for settling the dispute between the two countries in relation with the Baglihar Hydro Electric Plant. He has recently authored a book on Hydro-Diplomacy - Preventing Water War Between Nuclear-Armed Pakistan and India (IPS Press 2018).

The talked focused on the various issues currently arising

due to the ambiguities of the Indus Water treaty, such as delay of prior information, and put forward several suggestions for peaceful resolution of these disputes. Mr. Ashfaq stressed upon the danger of water induced war between two nuclear states, and stated need for bilateral co-operation and trust building as imperative to circumventing such an event.

For more details about this talk, follow the link; <http://www.lead.org.pk/talks/talk27.htm>



Inter-cohort meeting to celebrate 25+ years

LEAD Mexico

LEAD Mexico organized an inter-cohort meeting to celebrate 25+ years of their program: Their and their fellows' presence in Mexican public life. This has been quite an interactive event given the circumstances in which Mexican fellows affirmed their professional position and social role in the society and beyond the country's borders. Their impact is sometimes intangible but certainly is being felt politically, economically, socially, culturally and environmentally.

1. Lead- México welcomes Amira Solano as the new LEAD-Mexico Academic Coordinator. She is a Biologist and Fellow

(C-8). She worked for the Federal Ministry of Environment as Director of Environment and Renewable Resources and was an advisor for the Morelos State Environmental and Water Ministry and for the National Action Party (PAN) Environmental Commission at the Legislative Body. She has been acting as the federal representative for the Quintana Roo State Ministry of Environment and Natural Resources.



Amira Solano (C-8), new Academic Coordinator, participating in inter-cohort meeting with Guadalupe Treviño (C-8), and María Dolores Cervera (C-8), on her left and her right hand, respectively. Standing, taking pictures, is Miguel Barcena (C-9).

Inter-cohort Meeting September 2018

An inter-cohort meeting was celebrated in September 2018 (the fourth in LEAD Mexico's history) with the presence of 140 fellows and 20 additional responses justifying their absence. "Friends of LEAD" were also invited who attended

the event. The program covered a number of issues and it is presented below. As it is apparent, the fellows covered the whole program focusing on their social influence and policy decisions at the national and international levels.



Full House! A crowded auditorium with Fellows from all 22 cohorts, as well as some LEAD Mexico Friends that responded to our invitation. A debate on the future of LEAD: Ramón Perez-Gil (C-4), Pedro Álvarez-Icaza (C-2), Mariana Bellot (C-11), Cuauhtemoc Leon (C-2) and Francisco Remolina (C-4).



A lively discussion on the impact and presence of LEAD Fellows in international Fora: Martha Delgado (C-10), Cesar Chavez (C-5), José Luis Samaniego (C-4) and Hesiquio Benítez (C-12) and the moderator Carlos Muñoz (C-9).

A newly integrated LEAD Mexico Academic Committee 2018-2019

LEAD Mexico

LEAD Mexico has initiated a review of their program (curriculum, structure, funding strategy, public relations activities, steering committee members, etc.) following recommendation by fellows at the September inter-cohort meeting. They invited a number of Fellows selected from the 22 cohorts that were trained in the last 25 years, and a few external colleagues that have participated in different sessions. The Academic Committee includes so far: Irene Pisanty (UNAM), Pedro Álvarez Icaza C-2, Mariana Bellot C-11, Enrique Provencio C-1, Patricia Romero Lankao C-8,

Marina Robles C-5, Javier Riojas C-1, Vicente Ugalde COLMEX and external advisors such as Dr. Jesús Arroyo (University of Guadalajara), Dra. Lina Ojeda C-5 (El Colegio de la Frontera), Dr. Richard Paisley LEAD Canada (University of British Columbia, UBC), Mtro. Eduardo Vega C-6 (Head of the department of Economics, at the national university) and Dr. Alejandro Guevara (Universidad Iberoamericana, UIA). And expect to include fellows from recent cohorts.

Government Reports

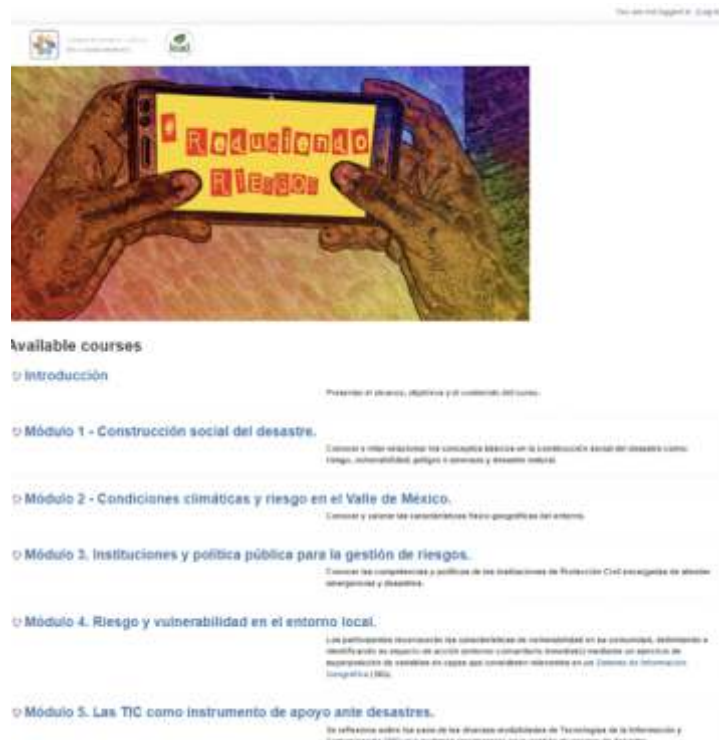
LEAD Mexico

The Mexico City Reconstruction Committee invited LEAD Mexico to undertake two studies related to seismic certainty and hydro meteorological disasters in Mexico City, after the earthquake in September 2017. These studies were finished and produced an in line course for high school students as well as a GIS open to public.

I) As a product of a GIS as an instrument to prepare and manage seismic events this flexible and open GIS system offers an opportunity to analyze data in cartographic form

and identify possible impacts based on infrastructure as well as population characteristics.

II) The in line course directed to high school students but open to the public in general, presents theoretical methodological and practical inputs to prepare and tackle intense hydro meteorological contingencies that affect and will intensify in the future in the Mexico City metropolitan area.



In August 2018, Azhar Qurehi, LEAD-Pakistan Fellow, Cohort-5 conducted online interviews with a number of LEAD Fellows from different member programs based on the same set of three questions to know how they feel connected with each other, with the Network and how they are delivering in their professional lives, in an effort to assess the presence, impact and substance of LEAD-Network. Following is the outcome of these interviews:



Cesar Cruz, Fellow C-18, LEAD-Mexico

Q-1 How you feel still connected to LEAD Network to-date despite completing your graduation several years ago?

A-1 I feel connected to the LEAD Network by sharing the spirit of creating more sustainability in the world, connect with the highest future possibilities, and strengthen the capacity to co-shape a better future; particularly I keep informed of my LEAD colleagues through the Facebook page and LEAD-Mexico send an email that periodically announce events and communicate updates of other LEAD community members.

Q-2 Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?

A-2 Definitely my leadership training through the LEAD Network allowed me to have some impacts on the ground, for example I have become more consciously involved with the indigenous communities to integrate the insights of their mindfulness with the sociology of groups and the forces of the political and economic system; an example that has all my current attention is the dredging of 4 rivers in the Peruvian Amazon Region. What will happen to the communities when the rivers are dredged? It is something that worries me and that in the case of the Amazon Waterway, it commits me to get involved in the defense of the rivers, in the activation of the precautionary principle and in the defense of the rights of the indigenous peoples.

Q-3 Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country?

A-3 Undoubtedly being part of the LEAD Network, in my personal endeavors is to become more involved every day in co-imagining a better world, and collectively together with Odette Lobato (LEAD Fellow-México, Cohort 20) we formulate a methodology to generate a better quality and interdisciplinary knowledge in the environmental law and policies of our country.



Huma Batool, Fellow C-13, LEAD-Pakistan

Q-1: How you feel still connected to LEAD Network to-date despite completing your graduation several years ago?

A-1: With my long association with LEAD Network, I receive the updates and event invitations from LEAD-Pakistan on regular basis whenever there is any activity. Moreover, I also continue to receive news and views about other Fellows which provides me good opportunity to connect with them. In addition to this, I also try to join all the meetings of Quetta LEAD-Club (QLC) which keeps me connected with the Fellows and LEAD Network as a whole.

Q-2: Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?

A-2: Of course, I feel very fortunate that the knowledge and skills gained through the platform of LEAD-Pakistan enabled me a lot to leave good impacts in my professional as well as personal life. With inspiration from this program, I perused my further studies in environment and leadership related domains and playing an active role in the provincial and national development in Pakistan.

Q-3: Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country

A-3: Through building my knowledge and skills, I have not only been organizing several environment and leadership related activities but also producing and sharing reports with other Fellow colleagues and LEAD Network. Keeping in view degradation or environmental scenario in Baluchistan (Pakistan), I have also influenced the policy formulation and sometimes had to be also part of the advocacy groups.



Djibo BANAOU, Fellow C-10, LEAD-Francophone Africa (Niger)

Q-1: How you feel still connected to LEAD Network to-date despite completing your graduation several years ago?

A-1: Since graduating, I have always tried to connect with the LEAD Fellows. In this respect, I participated and be part of LEAD initiatives and the different platforms for which I have been informed. It gave me the opportunity to be friends in many social

networks to LEAD fellows around the world. This gives me more certainty and confidence, because these connections helped me a lot during my travels, in both Africa and elsewhere. For example, I met LEAD Fellows in China, Swaziland ... they gave me a lot of their time and organized tours for me, making my stay in their country more enjoyable. I thank them very much for it.

In addition, to be connect with the colleagues of LEAD Francophone Africa and to be in permanent contact, some friends of LEAD and I, initiated a platform of daily connection of the fellows through the WhatsApp network where we exchange constantly with more fifty fellows. This platform is very convenient because it allows us to be in permanent and instant contact with connected fellows and has allowed several fellows to meet with others in the host countries. This initiative of meeting allowed to create a group of reflection and action called "Think and do Tank", which putting the bases of its formalization. Fifteen volunteer fellows have actually committed to this initiative.

Q-2: Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?

A-2: My training at LEAD allowed me to have impacts on the ground. The first experience started with my research action project. This initiative allowed me to change the life of the immediate communities of my own village through the submission of a project of village hydraulics. I was able to obtain the financing of two wells at the beginning and afterwards of a third well by SWISSAID. Achieving improved water quality for these communities has improved their living conditions. This experience has earned me an award from an American university club. Based on this experience, I also supported a group of locomotor handicapped people in Niamey (village of Koira Tégui) through the submission of a market gardening project whose funding obtained through the Jean Paul II Foundation has led to improvement the food and nutrition security of this vulnerable target group and improve their income. Also being a member of the office of the association of parent's children of my former district "Koira Kano" and making the inventory of the situation of the school, I elaborated a project, which made it possible to secure the children through the realization of a fence wall. Currently I am president of the association of my village in Niamey. The animation of this association composed of young migrants, I was able to accompany the creation of the general education college of the village and their participation allowed us to have resources that support school materials including bench tables for the college.

Q-3: Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country?

A-3: My training at LEAD allowed me an extraordinary personal capacity development that allowed me to participate and contribute to the development of my country through the institutions in which I had work, through the international NGOs United Nations System and the high administrations in which I am active and have worked. Thus, I contributed and participated in the development of several food and nutrition security policies in Niger from 2001 to today, participate in the formulation of strategic programs on behalf of my country. With the other fellows of Niger, we have created the LEAD Niger Association and started some awareness-training activities, participation in fora, support for preschool and toys for small children and made national workshops on climate change and sustainable development. My pride in all this is that LEAD was the instigator of all this and we must continue because the needs of communities are still huge and must continue, because LEAD must be visible and do more like other organizations in the field.



Gisele Yasmeen, Fellow C-8, LEAD-Canada

Q-1: How do you feel still connected to LEAD Network to-date despite completing your graduation several years ago?

A-1: I still feel connected to Lead through email and Facebook for both LEAD International and LEAD Canada though both organizations, especially the former, are struggling or transforming. I'm also in touch with a number of LEAD fellows, both from my cohort and others.

Q-2: Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?

A-2: The LEAD did have important impacts on my career. It helped me with my work on sustainable cities and the food/energy/water nexus as well as sustainable livelihoods. It gave me a network to draw on, a number of skills and knowledge of the global sustainable development movement that I would not have had otherwise.

Q-3: Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country

A-3: LEAD helped me with my work both in Canada as well as my international pursuits. For example, I recently completed a three country study for the Asia Pacific Foundation on food security funded by Global Affairs Canada. I also do radio work and have worked in a leadership capacity in a number of knowledge organizations. The LEAD training and network has been an important part of that career path.



Bilal Mustafa Syed, Fellow C-4, LEAD Pakistan

Q-1: How you feel still connected to LEAD Network to-date despite completing your graduation several years ago?

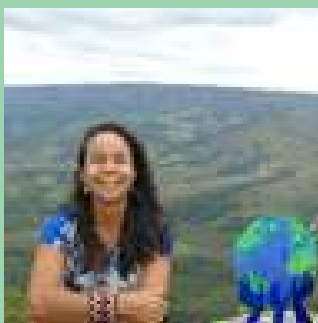
A-1: I was the 1st batch of LEAD Pakistan (Cohort-4); I am very much in touch with the ENTIRE LEAD family. In my view LEAD Network is an outstanding resource that needs to be further tapped in by the country.

Q-2: Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?

A-2: Yes, it did. It helped me engage not only on the national but also on the international scene, the networks help identify and communicate on issues that would arise during my work place.

Q-3: Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country?

A-3: I have been part of environmental impact assessments and been able to tap on to resources and engage during my working career i.e. while undertaking projects in the Galliat I was able to get help and assistance from WWF-Pakistan and the Forest Department. In the water sector I have been part of THE WATER POLICY formulation – in which LEAD-Pakistan played a major role. Through this network I can and have connected throughout the country on issues of health, safety and environment also in the context of industry.



Denise Amador, Fellow, C-8 /9, LEAD-Brazil

Q-1: How you feel still connected to LEAD Network to-date despite completing your graduation several years ago?





A-1: I feel LEAD Network as a reference in my life. People all over the world have bonds of complicity by passing through this leadership program. I'm still in contact with Brazilian fellows from different cohorts and it gives us a safe haven in turmoil times.



Q-2: Do you think that your leadership training through the LEAD Network enabled you to have some impacts on the ground and in what and how many different ways?



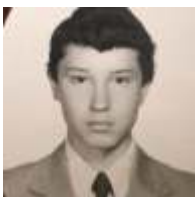

A-2: The leadership training through LEAD brought me a broader view of many political and social aspects. It helped us to see different points of view and that enables us to create appropriate strategies to make the changes and actions. I've been working on Environmental education (children, teenagers and adults), Agroforestry and Syntropic farming, Indigenous people and small farmers and urban agriculture.


Q-3: Being part of LEAD Network, how your personal or collective efforts along with other Fellows helped you formulate or generate knowledge and policy based products in the best interest of your country?




A-3: The efforts with other Brazilian fellows are connected in the sense of strengthening and mutual support. Our inter-institutional and interdisciplinary actions are not linked, but mostly based in the same direction.

S.No	Name of Fellow	Cohort	LEAD Program	Update Shared
1.	 Enoch Sunday Gwani	5	Anglophone West Africa / Nigeria	Following a career in sales, marketing and training working for UTC Nigeria Plc and Leventis Foundation, Enoch has devoted the last 6-7 years to develop capacity and skills in the fine art of sustainable trading and investment practices. My interest is in understanding market cycles and applying this knowledge to the challenges of sustainable investments. The goal is to build adequate capacity and eventually train our youth to effectively and gainfully participate in the world of numbers, periodicity and timing.
2.	 Raju Ghimire	19	India	Raju is working as Child Right Activist in Kathmandu, Nepal since 20 years. He has studied Masters in Sociology, Post Graduate in Psychology and received professional training on Child Rights and Protection at National and International level. From the LEAD training, he gained knowledge about holistic development of the society through systems approach and able to create a wider network with the diversity of professionals as treasured properties.
3.	 Ricardo Martinez-Lagunes	13	Mexico	<p>Juan-Carlos Valencia (Cohort 12) and Ricardo (Cohort 13) will be participating in the Forum: "Water 24-7: acceptable quantity and quality",</p> <p>The Forum will be held in the premises of the Mexican Institute of Water Technology (IMTA). The purpose of the Forum is to provide a space to discuss the main issues related to water and sanitation in Mexico by a wide variety of actors: Academia, Federal Government, State Government, Private Sector.</p> <p>Ricardo will be presenting the UN System of Environmental Economic Accounts for Water (SEEA-Water), as an overarching information framework for policy design and evaluation.</p>
4	 Olga Speranskaya	3	CIS	In 2017, Olga co-founded a new organization which is entitled Health and Environmental Justice Support International (HEJ Support International). It is a membership based non-for-profit organization aimed at achieving a healthy environment and environmental justice for vulnerable



				<p>groups like women, children, marginalized communities, workers and others who have difficulties defending themselves and are therefore in need of special attention. HEJ Support International provides long term technical, financial, policy and information support to these groups to enable them to make their problems heard and to strive for solutions. They work at the regional, local and global policy levels to achieve a healthy environment and environmental justice globally. The founders of HEJ Support International are specialists in environmental sciences, policy making, advocacy, and campaigning. They are involved in different civil society networks and have good contacts to a vast network of experts in other related fields such as legal affairs, politics, science, international organizations and media. In the last years the founders built trusted relationships to many policy makers, over 800 NGOs, scientific experts and institutions, competent authorities, international organizations, as well as to media. Their recent publications may be accessed at: https://hej-support.org/</p>
5.	 <p>Galyna Poshtarenko</p>	15	Ukraine/CIS	<p>Since 2006 till 2014 Galyna has been leading Bergwaldprojekt Ukraine (mountain forest project supported by Swiss NOG https://www.bergwaldprojekt.ch/en/). Inspired by active involvement to sustainable development she started master program in Kyiv (with focus on protected areas management). Since the armed conflict started in Ukraine she has joined Red Cross and Red Crescent Movement. Currently she occupies the position of Economical Security Manager in one of the ICRC offices in Ukraine (project planning, evaluation and support of the operational EcoSec field units)</p>
6.	 <p>Aftab Rana</p>	8	Pakistan	<p>On the invitation of UN World Tourism Organization and Seoul Metropolitan Government, Aftab attended the 7th Global Summit on Urban Tourism and International Fair & Sustainable Tourism Forum 2018 at Seoul, South Korea from 16 to 19 September 2018. A large number of delegates from around the world were part of this high level global</p>

				<p>summit. He also participated as a panelist in the International Fair & Sustainable Tourism Forum 2018 and talked about the transformation of tourism from promotion to management. It has been a great opportunity for him to exchange experiences and expertise and learnt from the tourism industry leaders from around the world about the common vision to develop sustainable urban tourism and a new thinking that considers the needs and expectations of today's tourists that promotes inclusive economic and social growth by engaging and empowering local communities.</p>
7.	 <p>Marina Marcos Valadao</p>	4	Brazil	<p>Marina Marcos Valadao, after retiring as a professor of public health, she has been working voluntarily as a director of a non-profit NGO dedicated to the wellbeing of rural communities in connection with environmental conservation. The organization, named Serra Acima - something like "Up the mountain", carries out projects focused on the recovery of Atlantic Forest, employing agro-ecology for the generation of work and income for traditional family farmers. This work has a lot to do with the LEAD experience. Thank you all! Unfortunately, nowadays, it also has a lot to do with resistance to neo-fascism in Brazil.</p>
8	 <p>Leiki Riadi</p>	5	Indonesia	<p>Leiki is currently working on waste water treatment design for cracker industry in Bali. She will soon be sharing more details of her work and achievements.</p>
9.	 <p>Carlos Castillo Sanchez</p>	9	Mexico	<p>Carlos is working as a freelance consultant on environmental issues focused on protected areas. Currently he is working on technical studies to create new protected areas in north-western Mexico.</p>
10.	 <p>Dr. Alexander Karpov</p>	8	CIS	<p>Dr. Alexander Karpov Head of the ECOM Expertise Centre, St. Petersburg, Russia has graduated from Department of Biology, St. Petersburg State University in 1988, took the postgraduate studies program in the Institute of Cytology of the Russian Academy of Sciences and got PhD in biology in 1999. Same year he joined two-year "Leadership in Environment</p>

				and Development” (LEAD) international training program and in 2005 took an internship in the Ministry of Environment, Agriculture Rural Areas Development in the UK. He first volunteered for the NGO environmental sector in 1986 and since then was leading and supporting many civil society organizations and initiatives, including the latest endeavors in cultural heritage protection and urban activism. He was first to organize civic hearings in Russia (the analogue of the Citizens’ jury in USA and Consensus Conferences in Europe), alongside with dozens of conferences, workshops and public hearings. He works as a trainer for local initiatives and as facilitator of public negotiations and discussions. As an assistant professor he provides courses on sustainable development and public participation for students on urban planning and related areas. He is also consulting the World Bank and other international organizations on the issues of urban development and environment. Around 50 academic publications mark the achievements in academic and public career. Since 2006, he also works as an expert in the Permanent Commission for the Urban Development and Housing of the Legislative Assembly of St. Petersburg City mostly focusing on the legal issues of cultural and natural heritage protection, urban planning and environment.
11.	 <p>Munir Ahmed</p>	8	Pakistan	<p>Mr. Munir Ahmed is a well-known policy advocacy, strategic and corporate communications and outreach expert, journalist and broadcaster. He is the founder of Pakistan Mountain Festival and Executive Director, Development Communications Network (Devcom-Pakistan), and news analyst and Op-Ed Daily Times.</p> <p>He has served on the mega projects supported by ADB, European Commission, World Bank, UNDP, ILO, UN Women, UN Habitat, IOM, USAID, GIZ, Italian Development Cooperation, and several leading INGOs and NGOs. He has been in English print media, broadcasting, and corporate advertising for more than two decades. He is also a fine creative writer, and</p>

				<p>premier art and cultural critic in Islamabad. His four books have been published including the nationally acclaimed very first book on the institution history of PTV, “25 Years of PTV” and a book of short stories in Urdu language. He has also been an active player in the experimental theatre movement in Pakistan. He is a passionate and strong voice against the exploitation of natural resources, deforestation, gender discrimination and violence against women.</p>
12.	 <p>Dr. Saeed Ismail</p>	5	Pakistan	<p>Dr. Saeed Ismail has shared by email about the LEAD-Network Newsletters being published by LEAD MCA Member Programs as the Excellent work. He could not stop himself from reading till the end and extended congratulations to the team who is producing at LEAD-Pakistan.</p>
13.	 <p>Ronny H Mustamu</p> 	8	Indonesia	<p>Ronny is a former Dean at Petra Christian University in Surabaya, Indonesia. He has been teaching strategic management and family business management with emphasis on governance system and sustainability. Ronny is Director of Quadrant Consulting and also Vice Chairman of Regional Advisory Committee for Anti-Corruption of East Java Province. Since 2014, he is appointed as LEAD Ambassador for Indonesia to promote LEAD programs and sustainability issues in the country. He organizes several joint activities with other Indonesia's LEAD Fellows from various cohorts.</p> <p>On 14 November 2018, Ronny and Catharina Any Sulistyawati of Cohort 5 organized a one-day workshop on Systems Thinking for empowering CSO in East Java, Indonesia.</p> <p>Catharina Any Sulistyawati of Cohort 5 is coaching the participants on how to develop a case study to learn systems thinking.</p>

LEAD Fellows from Across the World

14.	 <p>Chizoba Chinweze</p>	12	Anglophone West Africa / Nigeria	In May 2018, Chizoba finished from an IAIA18 Conference in Durban, South Africa where she had an opportunity to co-chair a session on DRR-The Role of ESIA as well as on the Agriculture, Fisheries and Forestry (AFF) Special Session. She is currently working on a book titled: Desertification, Land Degradation and Drought Resilience with the idea to connect with case studies with a focus on DLDd resilience where chapter contributions are also being made from Europe, Brazil; Nigeria, Pakistan, etc.
15	 <p>Dr. Malay Dave</p>	1	India	Dr. Dave is a graduate of IIT, Kanpur, having a British Doctorate in Environmental Engineering from the UK under the prestigious British Commonwealth Scholarship. He has excelled in the Flipped Learning where students learn & remember at home by reading digital contents already supplied to them before coming over to the class and more complex cognitive tasks such as analyzing, critically evaluating, application of the concepts leading to the next stage of creation is done within the class room.

Friends of LEAD Network

Nima Gurung – A longtime friend and supporter of LEAD Network will soon be starting her fellowship under LEAD-India. She has shared her story the way she is making the difference in society for the cause of children. She narrates: My story is to bring the lifelong smile & support for positive livelihood of underprivileged children. Here is a story of 2 boys.



I used to see these boys (Krishna blue shirt & Gaurav red shirt) in the street. One day, I was informed through a government letter about their case but I didn't know they are whom I used to see before in the street. Then I visited their homes like animal shed, at that time his father was sick and breathing last. Krishna, Gaurav and his younger brother Arjun were growing without care. Krishna had bad wound with piece of glass in his foot. Their mother was dish washer of tea shop and was not earning enough salary for family. Therefore, these two boys rescued out of three boys in first week of February 2018 who were then brought in our Drop In Centre. Till the date of their rescue, they never enrolled in the school. Therefore, they sat in our alternative learning class till last May 2018. Then they referred in another Children Home. Now they go to private school.



WE ARE LISTENING!

We would like this newsletter to be an interactive form of communication and we want to hear any news or ideas that you would like to share. Therefore, if you would like to submit items for the next issue, or if you have any questions, contact Abbas Mushtaq, Focal Person Knowledge Management Programme, amushtaq@lead.org.pk.

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