



iale BULLETIN

International Association for Landscape Ecology

Dear members,



Past President
2011-2015
Felix Kienast

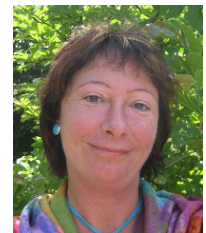
Swiss Federal
Research
Laboratory, WSL,
Switzerland

As of July 2015 IALE International has a new Executive board! Congratulations and thank you in advance for your willingness to do voluntary work for our Society! As outgoing President I am very proud that we achieved several milestones in the last 4 years. New chapters have been established (Romania, Europe, Iran, soon India) and the mutual collaboration among the chapters has improved. The finances recovered and are in good shape. We supported many early career scientists and helped to realize regional meetings with loans and donations. Consequently more than 80 % of the income of IALE International found its way back to the regions. In July 2015 the activities culminated in the IALE Portland conference that was a great success. More than 800 delegates attended the meeting and there was an outstanding program for early career scientists. You will read testimonials in one of this next Bulletins.

After four years of improving the situation with the regions, the new EC will explore new avenues, namely improving visibility through new communication channels. I thank the outgoing EC members, especially our treasurer Ralf-Uwe Syrbe (IALE Germany) for the valuable and professional service, and wish the new EC all the best, good ideas and a high motivation.

It is my great pleasure and honor to dedicate my work for our IALE International community and I am pleased to experience our cooperation and exchange in the upcoming years! I wish to warmly thank the old and new EC members and particularly Felix Kienast and Ralf-Uwe Syrbe for their outstanding commitment to strengthen IALE, to widen its regional focus and to ensure investing in the next generation of landscape ecologists. It will not be an easy mission to meet such benchmarks and your advice is still needed!

My uppermost target will be to establish an intensive communication on the mission and vision of IALE within our whole community and jointly strengthen the visibility of our work in the scientific community and in the public. I wish to contribute to intensify the collaboration not only within the regions, but much more along topics of common interest between us. Your suggestions of new cross-cutting work groups and outreach activities, and your commitment to make the old and new work groups being a lively forum for developing capacities in landscape ecology are highly welcome!



President
2015-2019
Christine Fürst

Karlsruhe
Institute of
Technology,
Institute of
Meteorology and
Climate Research
Atmospheric
Environmental
Research (IMK-
IFU)

The newly-elected



Secretary
General
2015-2019
Thomas C.
Edwards

US Geological
Survey and Utah
State University,
USA



Treasurer
2015-2019
Irene Petrosillo

Dept. of
Biological and
Environmental
Sciences and
Technologies,
University of
Salento Lecce,
Italy

Position Statement

I would like to help IALE become the world-recognized leading society for assessing global change, be it more short-term such as human-induced land change or longer-term as related to changing climates. As an international organization, we already have many research and application nodes for evaluating landscape processes and patterns world-wide, nodes that could be integrated for better global perspectives. Unlike purely ecological or sociological societies, we in IALE also have mixtures of skills that cross ecological, socio-demographic, and economic discipline boundaries. Within the Society, I would seek to foster increased international collaboration for applications of landscape ecology to understanding global change. I would also work to attract young scientists to the society, working to support their research in broadly defined landscape ecology, and ensuring they become the next generations of membership in IALE.

Statement as treasurer

I am really honored to have the chance to give my contribution to the Landscape Ecology community dedicating my time to aspects of common interest for IALE members. I am ready to support the President and the Executive Committee in their decisions to enhance the activities of the Association and of old and new Regional Chapters and working groups.

Statement as Bulletin Editor and Deputy Secretary General

Thanks to all IALE members for re-electing me for another four-years term as Bulletin Editor and Deputy Secretary General of IALE. I am very happy to be active in this important association and look forward to get in

contact with the members, the working groups and to work together with the new Executive Committee.

Position statement

One of the key mission statements of IALE, is making landscape ecology science and integrative tools “applicable to real landscape situations and applying them in solving problems.” I see this reflected in my outreach and scholarly activities to develop effective methods to characterize and quantify landscape dynamics in order to understand and model human impact on different environments and water ecosystem services.

As IALE VP, I intend to

- (i) continue and extend my outreach via Webinar Series to reflect Landscape Ecology applications in other developing countries beyond Africa;
- (ii) help with the establishment and support of local/regional IALE, especially Africa;
- (iii) assist with organizing regional conferences and workshops;
- (iv) champion the introduction of Landscape Ecology curriculum in countries where it has not been well established as a scholarly subject; and
- (v) promote Scholarly publications in the Landscape Ecology journal by African Scientists (and practitioners) thereby enhancing the knowledgebase and application of the Landscape Ecology.

Finally, I hope to explore the potential for hosting the 2019 IALE WC in Africa (most likely in South Africa or Uganda). African landscapes present unique



Vice President
2015-2019
Henry Nii Nmai
Bulley

Geography and
GIScience BMCC,
City University of
New York, USA



Bulletin Editor
and Deputy
Secretary
General
2015-2019
Benjamin
Burkhard

Institute for
Natural Resource
Conservation,
Kiel University,
Germany

opportunities to examine landscape ecology principles and integrative tools. As such, bringing the IALE community to Africa will move IALE a step closer to the goal of making Landscape Ecology a scientific basis for sustainable resources management around the world.



Vice President
2015-2019
Andreas Aagaard
Christensen

University of
Copenhagen,
Denmark

Position Statement

As vice-president for the international IALE I wish to:

1. Work towards a closer integration between natural- and social-science perspectives in landscape ecology;
2. Guarantee that IALE-international stays democratic and transparent;
3. Ensure that the heritage of landscape ecology as an integrative and spatially explicit science is made more visible and receives more attention.

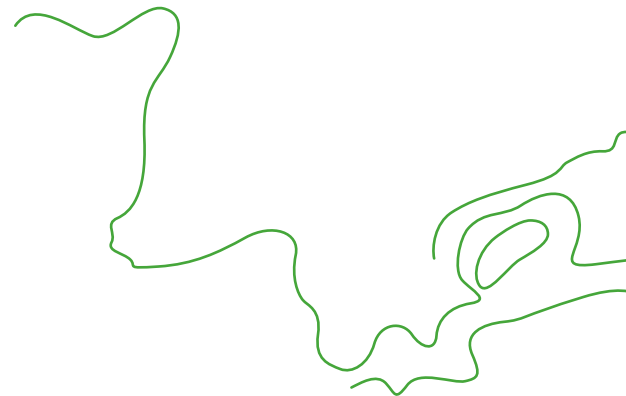
Scientists within disciplines such as geography, economics, sociology and anthropology are currently searching for ways to integrate ecological and social approaches in the study of environmental change. The history of landscape-ecological research and policy-advice has demonstrated how this can be done. But landscape ecology is being overlooked in many circles. Therefore we need to highlight, support and increase attention to the integrative, holistic potentials of Landscape ecology, which is currently receiving less attention than it should, both in academia and among policy-makers.

IALE EXECUTIVE COMMITTEE ELECTIONS 2015

Total 528 members in good standing voted in the election, about 1/3 of the IALE membership. The new board members have formally approved their positions in July 2015 at the IALE World Congress held in Portland, USA.

On behalf of the Nomination Committee and IALE Executive Committee (2011-2015), I would like to thank all the members who voted. Special thanks for those who were willing to run for the positions, and those retiring members for their past efforts. We also thank Christian Stein who efficiently handled the online election.

Xiuzhen LI
IALE Council Chair
Chair of the Nomination Committee
for the 2015 IALE Election



Continuing EC members



Vice President
2013-2017
(elected 2013):
Robert Scheller
Portland State
University, USA



Vice President
2013-2017
(elected 2013):
Liding Chen
Chinese Academy
of Sciences, China



Publicity Officer
Emilio Padoa
Schioppa
Rule - Research
Unit of Landscape
Ecology, Italy

Thanks to the retiring members for their efforts to serve for IALE!

Retiring EC members



Jean Paul
Metzger, Brazil

Vice President,
2011-2015



Giovanni Zurlini,
Italy

Vice President,
2011-2015



Bruce Jones,
USA

Past President,
2007-2011,
2011-2015



Ralf-Uwe Syrbe,
Germany

Treasurer,
2007-2015



IALE World Congress 2015

The Local Hosts, Program Chair, IALE President, and US-IALE President would like to thank everyone for a very successful 2015 World Congress!

This was the ninth IALE World Congress, which occurs every four years and brings together a large international community to address problems that range from local to global in scale. Our theme was, "Crossing Scales, Crossing Borders: Global Approaches to Complex Challenges" and highlighted challenges and opportunities for understanding complex natural and social processes and the potential for effective stewardship in a rapidly changing world.

The World Congress connected ~900 attendees representing over 50 countries and was inclusive of the numerous disciplines within landscape ecology.



Key note speaker John Wiens

Highlights included:

- More than 90 symposium, contributed oral sessions, and poster sessions
- Three plenaries and a keynote provided by leaders in landscape ecology
- Over a dozen workshops for in-depth training and discussion
- Over a dozen field trips highlighting Portland and the Pacific Northwest.
- Over \$30,000 was made available for travel support for young scientists, continuing our long tradition of mentoring and building the future of landscape ecology
- The Storyteller event sponsored by Springer
- Numerous student events including the sponsored student social, student and mentor lunch, "we'll pick up the tab" social, and others

The old and new IALE Executive Board



Felix Kienast with the 2015 IALE World Congress organisers

Surveys indicate that this was the first IALE meeting for 57% of professionals and 95% of the students in attendance – a great introduction to us and our society! 48% of attendees were attending from outside the US. For all professionals and students, 92.5% and 96.6%, respectively, thought the meeting met or exceeded their expectations.

Financially, the conference was profitable for both IALE and the US-IALE regional chapter (the local host institution). These proceeds will be used to support travel and young scholarships to future conferences and to support local chapter needs, particularly within emerging economies.

Thank you everyone for your attendance and support!

Anita Morzillo, Local Host

Robert Scheller, Program Chair

Vivek Shandas, Local Host

Janet Franklin, US-IALE President

Felix Kienast, Past IALE President



IALE Awards for Distinguished Service with Felix Kienast, Xiuzhen Li and Louis Iverson (Sandra Luque not present)

IALE World Congress 2015

FSTA World Congress Report / IALE young scientist awardees

Foreign Scholar Travel Award Program

Through the Foreign Scholar Travel Award Program, US-IALE annually provides travel funds to two landscape ecologists from foreign countries to present their research at the annual meeting. For this joint World Congress, IALE International has provided additional financial support, enabling the presentation of 20 travel awards to early career foreign scholars!!

Thank you to these companies who provided publications or software for the Foreign Scholar Travel Award silent auction. The proceeds from the silent auction conducted at each annual meeting support these travel grants.

Clark Labs, Clark University
John Hopkins University Press
Springer
Island Press
Sinauer Associates



Foreign Scholar Travel Award Recipients

Olumuyiwa Bayode Adegun, Nigeria; Presentation: Informal Settlement Intervention: How Does It Impact Urban Ecosystem Services and Disservices? / Tuesday, Urban Ecology IV, 10:20 AM

Andrzej Affek, Poland; Presentation: Cultural heritage recorded in the relief of the landscape abandoned by people - old shapes, new functions / Monday, Land Use Change II, 4:00 PM; Presentation: Usage patterns of provisioning and cultural ecosystem services / Wednesday, Poster: Land Use and Ecosystem Services, 6:00 PM

Luis Antonio Arias Medellín, Mexico; Presentation: Demographic analysis of *Agave angustifolia* (Agavaceae) with an emphasis on ecological restoration / Thursday, Forest Ecology IV, 9:50 AM

Oludunsin Arodudu, Nigeria; Presentation: Applying HANPP for sustainability assessment of agro-bioenergy ecosystem services / Wednesday, Methods: Geospatial II, 4:00 PM

Yazidhi Bamutaze, Uganda; Presentation: Dynamics of soil erosion under varied landuse/cover in Rwizi catchment, Lake Victoria Basin: Implications on landscape and livelihood resilience / Monday, Agrarian Landscapes IV, 11:30 AM; Presentation: Magnitude and spatial structure of hillslope soil erosion on Mt. Elgon in Uganda / Wednesday, Methods: Geospatial II, 10:25 AM

Cheng Li, China; Presentation: The impact of landscape heterogeneity on heavy metal contamination in agricultural top soils at multiple scales in the Pearl River Delta, China / Monday, Poster: Urban Ecology, 6:00 PM

Yuri Arten Forte, Brazil; Presentation: Balancing supply and demand for ecosystem services provisioning of tropical forest patches in agricultural landscape / Monday, Poster: Land Use and Ecosystem Services, 6:00 PM

Constantina Alina Hossu, Romania; Presentation: Landscapes historical persistence and stakeholders'

perspective over traditional land-uses. The case of Romania's Carpathians / Monday, Land Use Change I, 11:40 AM

Navneet Kumar, India; Presentation: Land-use Change Analysis and its Impact on Water Resources of Upper Kharun Catchment, India / Thursday, Aquatic Ecology II, 10:35 AM

Yupeng Liu, China; Presentation: Characterizing spatial patterns of air pollution on multiple time scales in China / Thursday, Urban Ecology VII, 4:50 PM

Zhifeng Liu, China; Presentation: Relationships between habitat loss and habitat fragmentation during urbanization: A long-term analysis for 16 world cities / Tuesday, Urban Ecology VIII, 9:25 AM

Karla Estela Locher Krause, Chile; Presentation: Spatial and temporal interaction of ecosystem services in the south of Chile / Tuesday, Coupled Human Natural Systems II, 10:20 AM

Damasa M. Macandog, Philippines; Presentation: Land Use Change and its Impacts on Biodiversity, Agricultural Productivity and Water Balance in the Sta. Rosa-Silang subwaterhed, Philippines / Wednesday, Agrarian Landscapes V, 2:40 PM

Andreea Ni, Romania; Presentation: Applied conservation planning within a Romanian Natura 2000 wetland - lessons from a LIFE Nature project / Tuesday, Poster: Hydrology, 7:00 PM; Presentation: Lifestyle Causes of Suburban Growth and Consequences on Landscape Function/ Wednesday, Land Use Change VI, 11:40 AM

Agnieszka Nowak, Poland; Presentation: Relationship between environmental properties, land use and the resilience to landscape degradation in Malopolska Region (Poland) / Monday, Agrarian Landscapes II, 3:40 PM

Katarzyna Anna Ostapowicz, Poland; Presentation: Implication of future land cover change on the brown bear habitat suitability in the northern part of the Carpathians / Wednesday, Land Use Change VII, 9:50 AM; Presentation: Modelling future forest cover change in the Swiss Alps and the Polish Carpathians: drivers and implications / Wednesday, Land Use Change V, 11:00 AM

Xi Pang, Sweden; Presentation: Trade-offs and synergies among ecosystem services and biodiversity under different forest management scenarios - case study of a forest landscape in southern Sweden / Thursday, Forest Ecology IV, 11:35 AM

Paula Ribeiro Prist, Brazil; Presentation: Landscape, environmental and social predictors of Hantavirus risk in the State of Sao Paulo, Brazil / Monday, Poster: Urban

Ecology, 6:00 PM

Aurora Torres, Spain; Presentation: Wildlife in a human-dominated world: no places left unaffected from infrastructural development? / Monday, Poster: Disturbance Ecology, 6:00 PM; Presentation: Prevalent multi-scale mismatch between urban sprawl and landscape fragmentation patterns creates windows of opportunity for conservation / Wednesday, Land Use Change VI, 10:20 AM

Mohammad Belal Uddin, Bangladesh; Presentation: An Ecological Effectiveness of Different Forest Management Regimes in an Anthropogenic Landscape in Bangladesh-Implications for Conservation / Wednesday, Landscape Management, 10:35 AM

FSTA World Congress Report / IALE young scientist awardees

I am a doctoral candidate researching green infrastructure and informal settlement intervention in Johannesburg, South Africa. Many thanks to IALE for the Distinguished Foreign Scholar Travel Award I received to support my participation in the 2015 IALE World Congress at Portland, Oregon, USA. The 6-day event was an eye-opener. I was able to realise Africa's present position in terms of research in urban ecology. Hopefully, the emergent IALE-Africa chapter (and my participation in it) will boost landscape ecology research activities in Africa. Apart from presenting, I met some interesting persons and believe our meeting has begun a mutually beneficial relationship. I can say the Award is good for my PhD and career!

by Olumuyiwa Bayode Adegun

I live in Warsaw, Poland and work as

an Assistant Professor at the Institute of Geography and Spatial Organization, Polish Academy of Sciences. I finished my PhD last year. My main research interests are long-term landscape dynamics, and supply and flow of ecosystem services.

During the congress I have listened to many inspiring presentations delivered by top scholars representing full variety of countries, institutions and entire range of approaches to study landscape. Giving my own speech and showing poster at the World Congress was a valuable professional experience and great opportunity to share the results of my own work and confront it with findings of other scholars. I was glad to hear comments and see interest among participants. For me, being a part of the 9th IALE World Congress was a unique possibility to maintain existing relationships and establish new ones within the international

community of landscape ecologists. I am truly grateful for receiving the IALE Foreign Scholar Travel Award, which enabled me to take part in the unforgettable congress field trips: Exploring The Intertwine Tour and Oregon Coast Trip.

by Andrzej Affek

As a biologist I have always been concerned about the effect of anthropogenic disturbance on natural ecosystems. I completed my bachelor and masterswork in Mexico and I worked on conservation and restoration projects of succulent plants in tropical dry forests of my country. On September 2015 I will start my PhD at the University of Toronto and will develop a population viability analysis and a species distribution model for a key plant species in a temperate forest in Costa Rica. The FSTA award

I received gave me the opportunity to attend to the IALE conference, learn from projects of landscape ecology and meet researchers and students from around the world. Furthermore, by taking the species distribution model course I acquired the basic knowledge on this topic. In summary, this experience was enriching for my future professional and academic development.

by Luis Antonio Arias Medellín

As an impact assessment researcher specialized in sustainability indicator assessments of bioenergy production chains, IALE World Congress 2015 provided a great privilege and outreach for the presentation my PhD research on the application of the HANPP (human appropriation of net primary production) indicator framework for the sustainability assessment of agricultural bioenergy ecosystem services. The workshop, talk and field-trip sessions were very educative, and featured state-of-the-art discussions on methodologies and concepts currently being employed globally for tackling landscape related issues. Amongst other things, this conference also provided a platform for networking with other early stage and senior research scientist from a varieties of backgrounds all over the world. My expectations before coming for the conference was quite high, and I am happy to say afterwards that they were fully met. Special thanks goes to US IALE for making this possible through the US IALE Foreign Scholar Travel award (FSTA). *by Oludunsin Arodudu*

I am Yazidhi Bamutaze (PhD) working at Makerere University Uganda. My research focusses largely on dynamics of landscape processes in coupled environments, especially tropical highland and mountainous regions. It was a great opportunity and

experience for me to participate in the IALE conference in Portland USA that enabled me to interact with a range of landscape ecology scientists and practitioners. I gave two presentations tacking aspects of geostatistical modelling of soil erosion in montane ecosystems and land use change impacts on resilience in the Lake Victoria Basin. I received good feedback on the presentations which I am using to develop manuscripts for submission to journals. Their publication will contribute to my career growth.

The IALE conference gave us an opportunity on how to elevate the IALE African Chapter. The interest in the African Chapter was quite amazing as it captured participants/scientists from all parts of the work, but with interest in African landscape ecology. It extended networking opportunities, but most importantly was the agreement to meet in Kampala, Uganda as a group in 2016.

I would like to express my gratitude to IALE for the FSTA that enabled me to participate in the conference.

by Yazidhi Bamutaze

I am an assistant professor from Guangdong Institute of Eco-environmental and Soil Sciences, Guangzhou, China. I'm studying the impacts of landscape heterogeneity on soil trace metal contamination at multiple scales. Attending the 9th IALE conference, I benefit a lot. First, I attended presentations in my own and related fields, such as urban landscape ecology, landscape planning, landscape's metabolism and agrarian landscape. These presentations not only helped me find out the potential emerging hot topics and leaders in landscape ecology, but also gave me a lot inspiration to my further work on urban soil trace metal contamination in terms of scientific research design, soil sampling and data analysis. Second, I gave a poster presentation on my

work and received some very specific pointers that are quite useful for my present and future research. Third, I introduced myself to interesting colleagues and made contacts for future collaboration and connections.

by Cheng Li

As ecologist, my academic motivation is basically the interaction between organisms and between people with different backgrounds. Inside of the huge ecology field, my fascination is linked to the spatial behavior of things that, somehow, generate evident patterns or not. In this context, I presented my master's research at 9th IALE WC, trying to understand the relationship of the Atlantic Forest in Brazil and its role in providing ecosystem services.

Initially, my expectation was to learn through several posters and oral presentations promoted by numerous researchers. The conference exceeded my expectations. Both the symposium format, as well as the opening statements enabled me to receive important input on my ideas. As such, I appreciate input from Benjamin Burkhard, Felix Müller, Thomas Wrkba, Ryan Hill and Kremena Boyanova. For all of these reasons, I am very grateful for receiving the IALE foreign student travel award.

by Yuri Arten Forte

After my PhD in Environmental Sciences at the University of Bucharest, Romania, I have joined the research center of the same institution for post-doctoral research in landscape change in mountainous areas. My current research links ecological knowledge obtained from the analysis of the landscape patterns and processes and decision-making processes, to facilitate efficient landscape planning.

The 9th IALE World Congress was a great opportunity to communicate my research and take advantage of an

interactive environment where I had the occasion to discuss both formally and informally my findings with researchers from similar disciplines. I am grateful for the Foreign Scholar Travel Award because I got the chance to develop opportunities for further research collaborations within my existing research network as well as with new researchers. I am very excited I had the opportunity to join the IALE Working Group on Landscape Planning and for the additional collaborations coming with this.

by Constantina Alina Hossu

As an early career scientist, attending the 9th IALE world congress in Portland proved to be quite valuable. I gained unforgettable experience and connections with peer scientists working on innovative ideas in the development of landscape ecology. The gathering of high intellectuals facilitates discussion on major ecological problems from different disciplines and in various environmental settings brought me new insights to understand the ecological system.

Being a postdoctoral researcher, working in water resource management and having a robust background in agriculture, remote sensing and GIS, has provided me a profound opportunity to understand and deal with the complex natural system in changing environment. The IALE congress offered an intense opportunity to present my research on Land-use change analysis and its impact on water resources in India. I extensively discussed my research finding with the participants and learnt from their comments and feedbacks. It provides a lot of inspiration to further elaborate my research and motivated to initiate new projects.

Also, I am highly grateful to IALE for providing foreign scholar travel award that assists me in attending and presenting my work in the congress.

by Navneet Kumar

I would like to thank Prof. Jianguo Jingle Wu and the “Foreign Scholar Travel Award” provided by IALE. Attending the 9th IALE world congress in Portland and “Understanding the Role of Green Spaces in Mitigating Urban Environmental Issues and Building Healthy Cities” symposia gave me the opportunity to study and share my experiences with people who work on landscape ecology and urban planning in various countries. Both the oral presentations and poster gave me a lot of inspiration to further research. My presentation focused on urban air pollution and I tried to use the perspectives, frameworks, and paradigms in landscape ecology in my study fields. The pattern-process-scale relationships in landscape ecology was used to characterize spatial patterns of air pollution on multiple time scales in China. Our study demonstrates that a landscape ecological approach is important and effective in monitoring and assessing regional air pollution. I am truly grateful for giving me the opportunity to present my study, exchange my research, and expand my professional network!

by Yupeng Liu

I am a postdoctoral researcher at Center for Human-Environment System Sustainability (CHESS) in Beijing Normal University, China. My work focuses on ecosystem services, land use modelling, and ecological effects of urbanization under the framework of landscape sustainability science. With the support of FSTA, I was delighted to attend the 9th IALE World Congress in Portland.

In this conference, I discussed with Prof. Richard T. T. Forman and other distinguished landscape ecologist, and listened to brilliant talks given by several experts such as Prof. Monica Turner and Prof. Peter H. Verburg. In addition, I gave an oral presentation on habitat loss and fragmentation relationships during urbanization.

These experiences expand my horizon, increase my knowledge, and boost self-confidence.

Here, I would like to thank IALE for the support, and Prof. Jianguo Wu for his kind advice and help all the time, who is a mentor lighting up my life of learning.

by Zhifeng Liu

Attending the 9th IALE World Congress offered me an excellent opportunity to present my research on a temporal continuous land cover analysis and ecosystem services assessment in the South of Chile. The chance to share knowledge and experience with scientists from different backgrounds was an enriching experience and gave me the possibility to discuss my work at different “scales”. The interactive session in which I was involved had an inspiring atmosphere where I contributed by highlighting the importance of expanding the scale range in landscape ecology research. This research- focused on a better understanding of the interaction between humans and ecosystems, especially in areas with high biodiversity, climatic variability and endangered ecosystems such as temperate rain forest in Southern Chile. The congress was an excellent platform to expand my scientific network to continue my research on the interaction between humans and the biosphere to support sustainable decision-making.

by Karla Estela Locher Krause

The 2015 IALE World Congress has given me the opportunity to attend to the high quality presentations on landscape ecology. As a plant ecologist and a lecturer of Ecology, Biology, Environmental Science and Natural Science courses at the University of the Philippines Los Baños, Laguna, Philippines, this dynamic and progressive event enriched my

knowledge and understanding of landscape ecology.

The congress was a good interdisciplinary venue for the exchange of cutting-edge researches, knowledge and experiences among experts from diverse fields which motivated me to excel in my research and academic endeavors. I was also able to share and learn more about my research works on agricultural, biological, agroforestry, ecological, land use change, climate change, fisheries and biodiversity.

It is indeed a great privilege to interact with excellent landscape ecology researchers and scientists. I am very grateful for the IALE Distinguished Foreign Scholar Travel Award. I commend the organizers for this successful event!

by Damasa M. Macandog

The emphasis of my research is understanding and solving local, regional and international environmental and development problems. This requires a broad knowledge base and ability to work with teams of experts from different scientific fields. Attending the World Congress offered me the opportunity to improve my analytical skills and professional experience by interacting with well recognized scientists from the landscape ecology field. Attending the 9th World Congress provided me science-based guidelines regarding the latest drivers, limits and implications of international urban planning and also latest international methods of landscape change modeling and analysis of ecosystem services across multiple spatial and temporal scales. Participating to the 9th IALE World Congress represented a significant professional opportunity for developing my expertise in landscape ecology and also helped to establish new working connections with landscape ecologists from other countries. Furthermore, I had the opportunity to visit unique

landscapes such as Pacific Coast or Mount St. Helens National Volcanic Monument.

by Andreea Ni

At present, I am the PhD student at the Institute of Geography and Spatial Management at Jagiellonian University (Kraków, Poland). Attending the World Congress, which is the most important platform for exchanging knowledge in the field of Landscape Ecology, brought me numerous benefits. Firstly, it was very valuable for me to learn about different experiences and approaches applied in landscape degradation and resilience research which I could compare with those utilized in my PhD Project. Secondly, the opportunity to present and discuss the preliminary results of my work was of great importance for me. Furthermore, I am interested in the newest trends in landscape ecology research, which were presented during the Conference. All in all, it was a wonderful opportunity, on one hand, to broaden my professional knowledge, and on the other, to familiarize myself with American culture. *by Agnieszka Nowak*

During my professional career I have benefited a lot from international and interdisciplinary meetings including venues organized under umbrella of the IALE. These meetings have been allowed me first as a PhD student and then as a young faculty member to establish and continue collaboration with colleagues representing broad range of disciplines. I found the topic of the World IALE Congress 'Crossing Scales, Crossing Borders: Global Approaches to Complex Challenges' extremely interesting in particular in the context of my research focusing on a better understanding of coupled human - environmental systems with use of GIS&T, and among others remote sensing and spatial data analysis and

modelling. I construed the Congress as an excellent forum for exchanging research results and a perfect place for discussion of new ideas for further research and collaboration.

by Katarzyna Anna Ostapowicz

The IALE conference which was held at Portland in 2015 offered me a great opportunity to give an oral presentation on my recent research to colleagues who come from different counties of the world. It is a unique occasion to share knowledge with researchers working on landscape ecology in a wide range of fields. I am truly grateful for those interesting questions and comments, especially to Dr. Kurt Riiters and Dr. Janet Silvernagel.

The topics cover various research areas such as land use change, agrarian landscapes, climate change, urban ecology, ecosystem services, disturbance ecology, forest ecology, biocultural landscapes, fire ecology, historical ecology and so on. Participating in the presentations and the discussions enlarged my view of doing my research on landscape modelling and expanded my professional network. I am inspired that transdisciplinary research will bring more fruitful contribution.

Last but not least, thanks FSTA for the travel grant. Definitely, I will follow the IALE news and join in the conferences in the following years. *by Xi Pang*

I have graduated as a biologist and since 2012 I have worked as PhD student at the University of São Paulo in Brazil, to investigate the effects of landscape structure in disease regulation, specifically on hantavirus, a disease that kills almost 50% of infected people in Brazil. One of the main goals of this project is to understand if we can manage landscapes to maintain the hantavirus transmission at risk low, even in different future climate change and land use scenarios. This is the first

study with this topic in Brazil, and attending the 9th IALE Conference, in Portland, allowed me to discuss my methods and approaches with other disease and landscape ecologists, that are working in different parts of the world, and have more experience in this area. Now I have more confidence about my methods and have new ideas to further elaborate my research, which will be much improved after this conference.

by Paula Ribeiro Prist

I am a PhD candidate at the Spanish National Research Council preparing for thesis submission at the end of this year. My research interests lie at the interface of ecology and conservation by studying the impacts of intensive land-uses on wildlife and landscapes. The series of workshops, plenary sessions, symposia, talks and posters of the IALE World Congress were

truly inspiring. Since then, I have been coordinating an international working group that focuses on applying the telecoupling framework to address the problem of limiting resources with a special attention to sand scarcity. I gained insight on different projects developing mainly in the US and Europe related to urban sprawl, landscape fragmentation and transport infrastructure development. But undoubtedly some of the most exciting lessons came from the John Wiens symposium and his bucket list for landscape ecology. I cannot be more grateful for receiving the FSTA.

by Aurora Torres

It is my pleasure to introduce myself, as a faculty at Department of Forestry and Environmental Science, Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh. I completed my Bachelor and Masters Degrees in

Forestry. I have finished my "Doctor of Natural Sciences" from Department of Biogeography, University of Bayreuth, Germany. My specialization is landscape ecology, biodiversity conservation and biological invasions. My participation in IALE World Congress, 2015 has obviously created a scope to exchange my ideas and thoughts on landscape ecology with others promising ecologists and professionals around the world. This will help me to develop a better linkage for huge future research efforts. This will also help me to develop an ambitious personality agenda in my scientific concepts on ecology and conservation science. I strongly believe that my participation has enriched my knowledge and ideas on landscape ecology. It will help me to be pragmatic in landscape ecology.

by Mohammad Belal Uddin

Call for Proposals for the 2019 World Congress

The International Association for Landscape Ecology (IALE) seeks proposals to host the 2019 IALE World Congress (WC)

Proposals should address the following points:

1. The identity of the Lead Organizer(s) and Local Organizing Committee. If the proposal is accepted, this group will appoint a Scientific Committee with the support and approval of the Executive Committee of IALE International.

2. The proposed venue and time for the Congress and information on conference facilities and the availability and cost of accommodations in the proposed location at that time. The proposal must include information on the following:

- „average“ or generic air fare from major world cities to venue
- estimated accommodation costs, including a low cost options for students
- amenities at the venue (e.g. wireless, etc.)
- general outline of WC events (excursion, dinner, visits to nearby landscape-related features or conservation areas)

If the proposal is accepted, the Local Organizing Committee reserves space for the Congress and organizes the Congress receptions, social events, a banquet, and excursions.

3. A general budget and financial strategy. IALE International will provide, as specified in the proposal, a loan to help with costs associated with pre-conference logistics (e.g. to secure facilities) as well as conference costs. A Memorandum of Understanding between the IALE and the Organization Committee will be prepared between the parties. This loan will need to be justified and not exceed the amount of \$10,000 USD. The financial strategy for the conference should be done in such a way as to maximize the potential to achieve a balance that permits repaying the loan to IALE.

4. It is expected that the income of the congress will be comprised of the participation fee, sponsored funds, rents, advertising revenues and the price of sold publications. The participation fee for IALE members and for students should be at a reduced fee (below the normal fee).

5. Opportunities for sponsorship by international, regional and local authorities, research institutions and industry.

6. Plans to secure secretarial/technical support prior to and during the Congress, including support to prepare a website for the Congress that receives registrations and contributed talks. Support to assist the Scientific Committee in screening contributed talks and assist the Local Organizing Committee with conference logistics. Support may include the following:

- general conference support,
- student support,
- support for low-income nations

7. Requests for programming:

- sufficient time slots for official IALE events (council and member meeting) should be guaranteed and not overlap with other activities;
- the organization should avoid parallel runs of thematically competing sessions => proof of sufficient staffing for organizational support and communication with session leaders and presenting authors is required

The venue for the IALE World Congress 2019 will be chosen by the IALE EC by mid December 2015 after consultation with the IALE regions.

Bids should be directed to the Secretary-General by 15.11.2015

Landscape Ecology days Workshop

Bucharest and Danube Delta, Romania, September 4-8, 2015

The Landscape Ecology Days Workshop took place between the 4th and the 8th of September 2015 in Romania. It was organized by IALE Romania and Centre of Landscape-Territory-Information Systems - CeLTIS, affiliated to the



Institute of Research ICUB - University of Bucharest. A wide range of issues relating to connections between landscape and human activities were pointed out by the speakers:

- urban landscape monitoring
- the relationship between urban growth and life quality
- simulation of landscape dynamics in the context of climate
- change ecosystem services evaluation.

Invited speakers were Prof. dr. Felix Kienast (former IALE President, Professor at ETH Zürich and senior researcher

at Swiss Federal Research Institute WSL) who highlighted the need to establish Landscape Observatories at national and continental scales, and dr. Anna M. Hersperger (senior researcher at Swiss Federal Research Institute WSL) who focused on measures to restrain urban sprawl.

The field excursion took place in the Danube Delta, the second largest river delta in Europe and a Biosphere Reserve. The participants visited the newly formed Sacalin Peninsula in the Black Sea, the Saint George village, home of local fisherman and one of the main attraction points in the area, and the wild bird colonies along the canals.

More information about the program:

http://landscape.cc.unibuc.ro/downloads/LED_02.09.2015.pdf

Photos:

Field trip in the Danube Delta (Photo: Ioana Stoicescu)

Presentations (Photo: Alina Huzui - Stoiculescu)



Report for IALE Bulletin:

IALE Working Group ‘Landscape Planning’ founded

Landscape planning, as a forward-looking action to enhance, restore or create landscapes, is a dynamic field of research and application. Practitioners and researchers around the world are active in contributing to the further development of landscape planning theory and practices. Many IALE conferences feature related presentations and symposia. What is missing, however, is a continuous forum for landscape planners within IALE to stay in contact, to share experiences, and to jointly move landscape planning forward.

The objective of the recently established IALE working group on landscape planning is to provide a forum for continuous debate and exchange of landscape planning practitioners and scientists concerning emerging challenges, topical issues as well as the further development of landscape planning theory and methods.

To achieve its objective, the working group undertakes the following activities:

- to set up an e-mailing list for communication,
- to regularly organize symposia and workshops at IALE World or regional conferences,
- to identify topical challenges, trends and development of landscape planning,
- to engage in joint publications, and
- to explore options for further collaboration in joint research projects.

The landscape planning working group was founded at the IALE World Congress 2015 in Portland, USA. All interested colleagues are warmly invited to participate - for more information and in case you are interested in becoming a member, please contact Christian Albert (albert@umwelt.uni-hannover.de).

New IALE Outreach Working Group (IOWG)

At the last IALE Executive Committee meeting in Portland, we discussed the issue of increasing IALE's online presence, as well as collaboration with relevant Societies and institutions. The task of IALE Public Relations officer was subsequently revised and expanded as IALE Outreach Working Group (IOWG).

Dr. Henry Bulley (IALE Vice-President 2015 – 2019) was named as chair of IOWG.

The mission of the IOWG is to develop strategies and resources to promote awareness, understanding, and application of Landscape Ecology, and the role of landscape Scale in addressing Sustainability and Conservation issues in the 21st century.

Some of the activities include:

- i.* Enhancing our use of social media such as Facebook, LinkedIn, Weibo (in China) to collaborate and with other IALE members, and general public. Student members are essential to the success of this task.
- ii.* Webinar series (on Landscape Ecology, Sustainability, and related issues)

iii. Explore options for MOOC/ Knowledge Bank on Landscape Ecology courses

iv. Explore and further collaborations with other organizations such as ESP, IPBES, Association for Environmental Studies and Sciences (AESS), and The International Society for Ecological Modelling, as well as relevant institutions that are engaged in Conservation Social Science. The goal of such collaborations is both to leverage landscape perspectives in the work of these organizations, and also incorporate some of their concepts/principles in the work of IALE members.

v. Compile information on relevant partner events (conferences, workshops, etc.) to support the match making to represent IALE by participating members through posters, flyers and/or information booth

Membership of this group is by invitation and nomination, and it is intended to include regular IALE members, post docs and students. If you know of any member who could enhance the work of the new IOWG, please forward her/his name and email address to Henry Bulley at hbulley@bmcc.cuny.edu.

Outreach activities & new WGs – information & calls

Dear IALE members,

it is our pleasure to announce two new Work Groups in the IALE community

1. Communication & Outreach

The aim of this WG is to develop a strategy and number of activities to improve communication in IALE, and our public visibility. This will include revision of our website, an enhanced use of social media and representation of IALE at important events. This will also include strategies how to provide improved accessibility to our knowledge hub for capacity building and development. The WG invites interested IALE members and particularly young scholars to join, bring in their ideas and experiences and commitment. Interested IALE members are welcome to contact Henry Bulley (hnbulley1@gmail.com) until October, 30, 2015 to build the group and elect the official representative.

2. Biodiversity and Ecosystem Services Assessment

This WG intends to form a cross-cutting platform for connecting particular researchers involved in IPBES plus any other interested researcher focusing on the topic of ecosystem services and biodiversity. The WG will support the exchange on most recent thematic advances, ongoing implementation activities / research programs or any other event of common interest (e.g. conferences, workshops) and enhance the collaboration of landscape ecologists involved in regional / national assessments of ecosystem services and biodiversity, e.g. in the national ecosystem (service) assessments.

Interested IALE members are welcome to contact Christine Fürst (christine.fuerst@kit.edu) until September, 30, 2015 to build the group and elect the official representative.

More detailed information will soon be available under: www.landscape-ecology.org and in the next bulletin.

Furthermore, we wish to engage you in contributing to IALE International's activities through the following calls:

1. Call for Work Groups

We consider WGs to be the most suitable instrument to enhance the cooperation and capacity building within and between the regional chapters. WGs can address a particular thematic / disciplinary interest, specific communities (e.g. young scholars) or cross-cutting topics that enhance interdisciplinary collaboration or cooperation with other platforms or societies. This first call asks for suggestions of

new WGs until October, 15, 2015 for formal approval through the EC. WG suggestions should include the addressed topic, a short description including planned activities and the contact of the new WG leader.

Interested IALE members are welcome to contact Robert Scheller (rmschell@pdx.edu).

2. Call for innovative activities

In support of our communication and outreach activities and for strengthening the cooperation within the IALE community, we seek for suggestions of innovative activities. These can comprise e.g. in capacity building, transfer, young scholars engagement, science-policy dialogue. They should complement activities such as conferences or workshops and will be subject to future monetary support of chapter or WG activities through IALE international.

Suggestions should be addressed to Felix Kienast (felix.kienast@wsl.ch) until October, 15, 2015 for discussion and approval through the EC.

3. Landscape impressions – talent award

This call addresses particularly but not exclusively young IALE scholars: we seek for the best landscape photographs including a short text or poem how they represent your understanding of landscape ecology. Note: photos that have copyright attached cannot be accepted. Together with your photos and texts you submit a signed (scanned) confirmation stating "IALE can distribute this photo(s) and text freely to all; no copyright or remuneration for use is allowed". Precondition for the participation is also IALE membership; submissions of professional photographers are excluded from the competition.

The top three photos and texts selected by the EC will be published with their authors in the Christmas bulletin and will receive an Amazon gift certificate of 50 €.

Submissions should be forwarded to Tom C. Edwards (t.edwards@usu.edu) until October, 15, 2015 for decision making through the EC.

We are all greatly looking forward to your participation in our new WGs, your ideas, suggestions and particularly to sharing your landscape impressions with us!

Christine Fürst, Felix Kienast, Thomas C. Edwards, Benjamin Burkhard, Irene Petrosillo, Henry Bulley, Liding Chen, Andreas A. Christensen, Robert Scheller

WG Biodiversity and Ecosystem Services Assessments

The Work Group Biodiversity and Ecosystem Services Assessments intends to form a cross-cutting platform for connecting particularly researchers involved in the Intergovernmental Panel for Biodiversity and Ecosystem Services (IPBES) as authors or participating in any of its activities. The WG intends to enhance the collaboration of landscape ecologists involved in regional / national assessments of ecosystem services and biodiversity. Also other interested researchers with thematically related work are welcome.

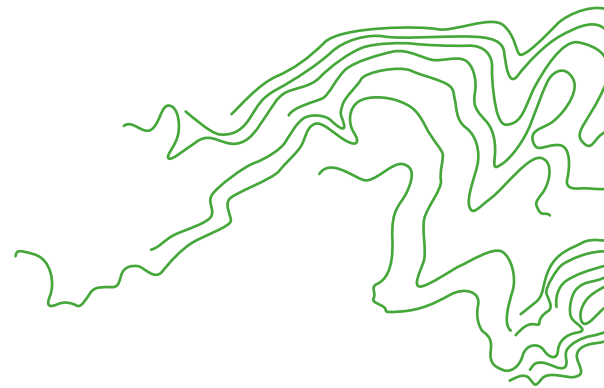
The WG will support the transcontinental exchange on most recent thematic advances, ongoing implementation activities / research programs or other events of common interest (e.g. conferences, workshops).

The WG will also connect IALE capacity building activities with those of IPBES by joining the Matchmaking Facility of IPBES and cooperating with other partners, such as Ecosystem Service Partnership (ESP) and International Union of Forest Research Organizations (IUFRO) particularly

on making research results more visible and better accessible and creating synthesis in providing information.

Common project or publication activities serve to harmonize and recommend on best practices in biodiversity and ecosystem services assessment and to address particularly landscape ecological methods and how these contribute to the understanding of human-environmental interactions in the provision of ecosystem services and the conservation of biodiversity.

The group invites interested IALE members to join and announce their interest until October, 15-2015 via email to Christine Fürst (christine.fuerst@kit.edu). Subsequently, the new members will vote for a representative of the group in IALE. We will start our work with a side meeting at the upcoming ESP conference, November, 2015 in Spiers, South-Africa to develop a road-map of common activities and characterize important milestones.



Journal of Landscape Ecology: Invitation from the Editors

Journal of Landscape Ecology (ISSN 1803-2427: print, ISSN 1805-4196: on line) is an all-European journal dedicated to publish high quality research articles in all disciplines of landscape-ecological science such as landscape architecture and dynamics, land use planning, ecosystem ecology, biodiversity protection, ecological restoration or environmental quality research within adequate spatial and temporal scaling. JLE publishes research papers, review articles, short communications, notes, and bookreviews in the field. It is a multidisciplinary peer reviewed scientific journal published by the Regional Chapter of the Association for Landscape Ecology (CZ-IALE, Czech Republic). The international editorial board (representatives of 7 countries) has ambition to fill up a gap in the ecological field scope covered by the European scientific journals. The journal is edited in the Czech Republic as one of various activities of the CZ-IALE (national branch of the IALE). Subjects of papers are not limited territorially, however, emphasis is given to European landscape-ecological themes. The journal is not preferentially theoretical or applied, it is prepared to serve as a bridge between both levels of research. Recently, three

issues of JLE are published per year (starting in 2011, 16-18 articles per year). There are no page charges for publication in Journal of Landscape Ecology for the papers, except for color illustrations. The Journal of Landscape Ecology is currently seeking for high profile, capable, research conscious scientists and erudite scholars interested in serving on the Editorial team as guest editors or reviewers.

To submit the article manuscript, please login to our submission system at mendelu.vedeckecasopisy.cz.

Well-known authors from all continents with the exception of Australia have published articles in the Journal of Landscape Ecology incl. the „fathers“ of young scientific field of landscape ecology (R.G.H. Bunce and R. Jongman, Alterra, Wageningen; Z. Naveh, Technion, Haifa; K. Hara, Tokyo Univ; T. Pinto-Correia, Univ. Evora, Portugal or O. Bastian, IOER, Germany).

by Pavel Ková (Editor-In-Chief)

SPECIAL ISSUE (MEDITERRANEAN LANDSCAPES):

In 2014, the Journal of Landscape Ecology published a special issue focused on "Conservation in Mediterranean Landscapes". This was based on papers presented in the symposium "Changing Mediterranean Landscapes" held at the IALE European Congress: "Changing European Landscapes, Landscape Ecology: Local to Global (8-12 September 2013, Manchester, UK).

This symposium was a continuation of meetings held by the "Ad-Hoc Committee for Mediterranean Conservation" (now the "Mediterranean Working Group", a group jointly within IALE-Europe and the Society for Conservation Biology – European Section). The purpose of the symposium was to improve our understanding of priority research topics in landscape ecology and landscape conservation in the Mediterranean Region extending from Portugal to the Black Sea.

In this special issue, Schindler and Olsvig-Whittaker lead with a review of the papers in the special issue and their context both for the Mediterranean Working Group and for Mediterranean landscape ecology as a whole. Among the papers, Farina (2014) presents developments in the soundscape approach to understanding ecosystems, particularly useful for investigating the complexity of Mediterranean landscapes. Van der Sluis et al. (2014) compare the impacts of land abandonment on cultivation terraces in Portofino (Italy) and Lesvos (Greece). Barroso

and Pinto-Correira (2014) investigate the attitudes and behaviors of land managers in South Portugal. Zomeni and Vogiatzakis (2014) assess the characteristics of the dense road system in Cyprus with particular reference to the island's Natura 2000 habitat network. Rotem and Weil (2014) map the ecosystems of Israel and The Palestinian Authority, to determine whether these ecosystems are adequately represented in protected areas. Shaffer and Levin (2014) assess human induced landscape changes in Israel during 130 years, comparing an historical land cover map from 1881 against modern land cover.

These papers are representative, but not comprehensive snapshots of the spatial complexity and changing patterns over time which are characteristic of the classical Mediterranean landscape. New technology and new ways of thinking about landscape are evident in these papers. They all highlight the nature of Mediterranean landscapes, where "natural" is usually a meaningless term and modern landscapes are the product of human impact over evolutionary time scales. Uniquely among the Mediterranean regions of the world, the Mediterranean Basin is anthropogenic, and largely adapted to human impacts, at least to traditional land use. Our understanding of their mechanisms of adaptation is crucial not only to conservation of the Mediterranean Basin but also to conservation of regions less well adapted to human impact.
by the Guest Editor Linda Olsvig-Whittaker

SPECIAL ISSUE (ECOLOGY OF SOQOTRA ISLAND):

Another interesting special issue "Soqotra archipelago: landscape, nature and culture" was edited in 2013. It is based on papers presented at 12th Annual general meeting of the Friends of Soqotra hosted by Mendel University and Lower Morava Biosphere Reserve in Lednice, Czech Republic. The Soqotra Archipelago is a part of Republic of Yemen, situated in arid tropical zone, on the border-line between Indian Ocean and Gulf of Aden. The Soqotra Archipelago consists of four islands and several sea stacks. Three of the islands, Soqotra (area: 3,650 km²), Abd-al Kuri (133 km²) and Samha (41 km²) are inhabited. The fourth and the smallest one, Darsa, lies about 17 km east of Samha - it is uninhabited. Soqotra island belongs to the isolated lands with the highest level of endemism of vascular plants within the archipelago – 37 % of almost 900 species. In 2003, the archipelago was inscribed as a reserve under UNSECO's Man and Biosphere Programme, followed in 2008 by its listing as a World Heritage Site, especially for its significance for biodiversity.

The special issue seeks to explore a range of multidisciplinary

topics related to Soqotra's landscape, nature and culture, contains six scientific articles, two short communications and two bookreviews. Large team leading by R.Adolt published methodology and preliminary results of statistic inventory of Dragon blood tree population in Firmihin. Dragon blood tree is flag tree endemic species of island and its population is gradually declining due to absence of natural regeneration. The second article is focused on another group of endemic species of high natural and cultural importance – Frankincense trees. The authors Lvončík et al. proposed the seed regions for all eight endemic species to provide seed transfer on scientific principles. Madera et al. described vegetation succession along new paved roads on the island together with the destructive effects of invasive plant species and proposed suitable species for plantation along the roads in different environmental conditions. Habrova and Bucek are giving the overview of biotope types of Soqotra and detailed description. Geological and morphological evolution of the Soqotra archipelago is treated from the biogeographical

view by M. Culek. Pietsch et al are concentrated in their case study to the problem of how it's possible to improve land in dry tropical climate on example of Mubarak's garden. Short communications introduced project activities of the Centre for Middle Eastern Plants in Edinburgh (UK) and Mendel University in Brno (Czech Republic) on

Socotra. The issue is closed related or similar to by two thematic book reviews related to main subject – Vegetation Ecology of Socotra (Brown, Mies 2012) and Making nature whole. A history of ecological restoration (Jordan, Lubick 2011). *by Petr Madra (Executive Editor)*

Save the date to foster your PhD thesis on Landscape Ecology:

On the occasion of the International Week 2015 of Open Access the official journal of IALE-D, the regional chapter of Germany, LandscapeOnline offers PhD students a special support while publishing in a double blind peer reviewed open access online journal for their cumulative dissertation. PhD Students can register as submitting student and supporting student to submit/ pre-review a scientific paper in the field of landscape ecology:

- Submitting students will get extra support and the opportunity to discuss and reflect their paper regarding structure and content in a pre-review-like process before manuscript submission, to apply high scientific publication standards.
- Supporting students will accompany the submitting students while discussing the submitted manuscript within the pre-review-like process. Their selves will get professional support by the journals editorial management and experienced reviewers. Hence, they will learn the reviewers perspective and will essentially benefit from this experience for their next own publication.

Use the opportunity and register online during the international open access week

October 19 - 25, 2015 at:

www.landscapeonline.de/openaccessweek

You can register any manuscript type –research articles, short paper, review and ideas paper – related to our journals aims and scope: dealing with landscape research or choose one of our special topics:

- Concepts and Methods for Ecosystem Service Assessments - a special topic in collaborative co-editorship of the IALE-D Working group "Ecosystem Services" and the "Ecosystem Services Partnership ESP";

October 19 – 25, 2015 – save the date and register

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Official Journal of
International Association for Landscape Ecology
German Chapter (IALE-D) **iale**

- Ecology, Resilience and Management of our Landscape – a special topic in co-editorship of a international researcher team of the European Academy of Bozen/ Bolzano (EURAC);

All articles will be published immediately after acceptance of our double-blinded review process. Landscape Online publishes under the terms of the Creative Commons Attribution 4.0 International Licence.

If you have further questions, if you want to support the idea as landscape ecologist or if you want to publish your own paper please contact:

*Roman Lenz (Editor in Chief) or
Werner Rolf (Managing Editor)*

www.landscapeonline.de/editorial

Sponsoring young scholars – request for feed-back

Dear IALE chapter chairs & representatives,

We ask you kindly for feedback regarding student fees. As part of the engagement strategy of IALE International we intend to explore alternative models for young IALE scholars. The aim of developing an alternative model for young IALE scholars is to raise the interest of ALL students to join and engage in the IALE community; to integrate views and experiences into the society; and to grow a young, active and lively collaboration between scholars at all scientific career levels.

Principally there are two models for consideration:

(a) Waive the fees for young scholars (students need to prove their status by their student ID).

(b) Invite active and excellent students through the chapters and waive their fees until graduation. We could extend this model to young scholars in developing regions with sponsorship from members in good standing from other regions. The exclusive right to select and suggest the most appropriate students remains at the chapter level.

A general waiver for student fees is currently practiced by the Chinese chapter (good experiences); active sponsorship which creates probably a higher social commitment is, for instance, practiced in the German Foresters Association (several thousand members) with excellent experiences in the number of graduates that remain members after their graduation.

Both solutions have specific advantages and risks:

models	general waiver	active sponsorship
benefits	<ul style="list-style-type: none"> easy to realize and handle upon presentation of the student ID (should be renewed annually?) opens IALE up also beyond the community (if we get this model communicated) and might therefore increase interdisciplinarity 	<ul style="list-style-type: none"> attracts and motivates students and increases the probability of continued membership after graduation. helps to keep and grow membership fees could be additionally used to provide benefit to regions that are highly active in recruiting pairs of sponsors – students could also include mentoring creating a closer collaboration between established and young scholars
risks	<ul style="list-style-type: none"> may decrease outreach to students if not dues paying members lower motivation to engage / stay on board and contribute potentially problematic for chapters with poor economic basis => here taking over fees through members in good standing outside the chapters might help survey requested when students graduate to avoid creating amounts of non-active members 	<ul style="list-style-type: none"> motivation of members in good standing to sponsor young scholars might not be too high (examples / initial action needed) could be problematic in low income countries (transcontinental sponsors or free sponsorships beyond chapters needed) could provoke inequality for young scholars that are not in contact with IALE members (application possible?)

To help us make a decision we ask you to vote for a model, to provide a few comments on why and what implementation opportunities or problems you see. Also suggestions of alternative models are welcome.

Chapter:

General waiver

Active sponsorship

Comment

Why	
Implementation opportunities	
Potential problems	
Other	

Please send this document back to Christine Fürst (christine.fuerst@kit.edu) until October, 15, 2015 for further decision making through the EC.

We are greatly looking forward to your votes and comments!

Christine Fürst, Felix Kienast, Thomas C. Edwards, Benjamin Burkhard, Irene Petrosillo, Henry Bulley, Liding Chen, Andreas A. Christensen, Robert Scheller



Nitra, Slovakia 27 – 29 May, 2015

17th International Symposium of Landscape and Landscape Ecology organized by the Institute of Landscape Ecology, Slovak Academy of Sciences, Constantine the Philosopher University in Nitra and the Slovak Ecological Society by the Slovak Academy of Sciences

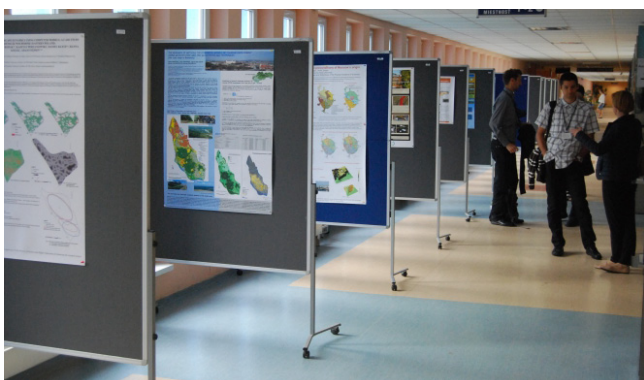
The Symposium was attended by 128 participants from 21 countries of Europe, America and Asia (Austria, Belgium, Bulgaria, the Czech Republic, Estonia, Germany, Hungary, India, Lithuania, the Netherlands, Poland, Portugal, the Russian Federation, Serbia, the Slovak Republic, Slovenia, Spain, Switzerland, the U.S.A., Ukraine and the United Kingdom). The venue was Constantine the Philosopher University in Nitra, Faculty of Natural Sciences, Department of Ecology and Environmental Sciences (see picture).



The symposium explored the current concepts and trends in landscape ecology, methods in landscape research, landscape and ecosystem services: concepts and applications, landscape governance and management and environmental awareness and education in landscape ecology. Besides the presentations in sections, workshop was held on ecosystem services in changing landscapes. Prof. Felix Kienast (former IALE President) (Swiss Federal Research Institute WSL, Birmensdorf, Switzerland) was one of the

key notes speakers; his lecture was on “Current concepts and trends in establishing Landscape Observatories at national and continental scales”.

The rich social program with sightseen of Nitra and different field trips after the conference facilitated useful exchange and brainstorming on key topics including ecosystem services and territorial planning while getting to know better the Slovak landscapes.



Sustaining Ecosystem Services in Forest Landscapes Conference

IUFRO Landscape Ecology Conference 23-30 August 2015, Tartu Estonia



Supported by the IALE-IUFRO Group the forest landscape community meet in Tartu, often considered the intellectual centre of Estonia. The Conference took place at the nation's oldest and most renowned university, the University of Tartu established by King Gustavus Adolphus of Sweden in 1632, thus being one of the oldest universities in Northern Europe. In this beautiful and historical setting took place the biannual conference of the 8.01.02 IUFRO Working



Party, gathering 200 participants, with 7 keynote addresses, 12 symposia, 8 open sessions, and a poster session. Presentations and exchanges focused on many aspects of

sustaining ecosystems services from forest landscapes, e.g. mapping technologies, spatial patterns, planning approaches, management strategies, challenges and opportunities, conserving biodiversity, and cultural and aesthetic values. Also addressed were the topics of adapting to climate change, abating pollution, role of natural and anthropogenic disturbances, and enhancing ecological resilience while providing an array of ecosystems services in forest landscapes. A key theme that emerged from the

proceedings was the necessity to broaden the scope of planning horizon towards a landscape-scale perspective. Even though this approach is complex and involves socio-economic issues having important policy implications, landscape-scale appears to offer the best opportunity for sustained provision of ecosystem services. Also, it was broadly recognized that collecting information and managing key initiatives like: education, knowledge transfer, conflict resolution, and adaptive management are important fundamentals to the success of sustaining ecosystem services in forest landscapes around the World. The integrative and pluralistic framework of landscape ecology may substantially facilitate the management and conservation of the forests. A landscape perspective is needed whenever landscape spatial patterns can be expected to have a significant effect on forest use efficiency and sustainability. The studies presented in this conference have demonstrated that management and conservation of forest ecosystems should not exclusively occur at a single scale, and that studies must be conducted at different scales to encompass whole landscapes to fully understand critical patterns within landscapes and their reciprocal interrelationships through the different natural and anthropic processes.

By Ajith Perera, Louis Iverson, Urmas Peterson, Guillermo Martínez Pastur



New book on

„Ecosystem Services – Concept, Methods and Case Studies“

This book (312 pages) explains the multifaceted concept of ecosystem services, provides a methodological framework for its analysis and assessment, and discusses case examples, particularly from Germany. It is addressed to scientists and practitioners in the administrative, volunteer and professional spheres, especially those who deal with environment, landscape management and nature conservation and regional and land-use planning. The target group includes experts from the business community, politicians and decision makers, students and all those interested in fundamental ecological, economic, ethical and environmental

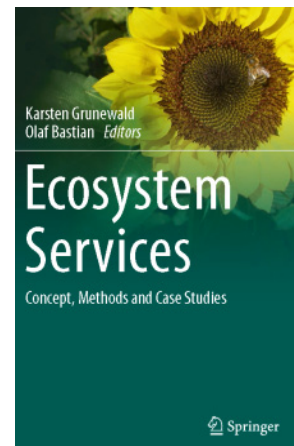
issues.

You can view the table of contents, download a sample chapter, and order the book at:

www.springer.com/gp/book/9783662441428#aboutBook

Springer pointed out “Easily readable, understandable for a wide readership, but scientifically sophisticated representation of a future-oriented and highly relevant topic”

by Karsten Grunewald (Leibniz Institute of Ecological Urban and Regional Development, Dresden, Germany)



The IALE Bulletin is distributed several times a year to the members of IALE. IALE - the International Association for Landscape Ecology was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research. IALE Executive Committee:

President: Christine Fürst 2015-2019, Karlsruhe Institute of Technology, Kreuzteckbahnstraße 19, 82467 Garmisch-Partenkirchen, Germany, christine.fuerst@kit.edu; **Secretary General:** Thomas C. Edwards 2015-2019, 5230 Old Main Hill, Logan, UT 84322-5230, USA, t.edwards@at>nrusu.edu; **Treasurer:** Irene Petrosillo 2015-2019, University of Salento, 73100 Lecce, Italy, irene.petrosillo@unisalento.it; **Past President:** Felix Kienast 2011-2015, Swiss Federal Institute of Forest, Snow and Landscape Research, CH-8903 Birmensdorf, Switzerland, felix.kienast@wsl.ch; **Vice Presidents and their role in the Executive Committee:** Henry Bulley 2015-2019 (Africa; Tasks: Outreach and communication), City University of

New York, 199 Chambers Street, New York, NY 10007, USA, hnbulley1@gmail.com; Andreas Aagaard Christensen 2015-2019 (Europe; Tasks: Communication with the chapters), University of Copenhagen, Rolighedsvej 23, 1958 Frb. Copenhagen, Denmark, anaach@ign.ku.dk; Robert M. Scheller 2013-2017 (North America; Tasks: Initiation, coordination and monitoring of the WGs and their contributions), Portland State University, P.O. Box 751, Portland, OR 97207 USA, rmschell@pdx.edu; Liding Chen 2013-2017 (Asia; Tasks: Monitoring and reporting on regional & international IALE events for organizing EC & Chapter meetings), Chinese Academy of Sciences, 18 Shuangqing Road, Haidian District, Beijing, 100085, China, liding@rcees.ac.cn; **Bulletin Editor and Deputy Secretary General:** Benjamin Burkhard 2015-2019, Christian Albrechts University Kiel, Olshausenstr. 40, 24098 Kiel, Germany, bburkhard@ecology.uni-kiel.de; Chairman of Council: Xiuzhen Li 2015-2019, East China Normal University, Shanghai 200062, China, [\[iae.ac.cn\]\(http://iae.ac.cn\); **Publicity Officer:** Emilio Padoa-Schioppa, University di Milano-Bicocca, p.za Della Scienza 1, 20126 Milano, Italy; \[emilio.padoaschioppa@unimib.it\]\(mailto:emilio.padoaschioppa@unimib.it\).](mailto:lixz@</p>
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IALE International on the Internet: IALE International: www.landscape-ecology.org

IALE Bulletin from now on in new design

As you may have noticed, this Bulletin (Volume 33/3) from September 2015 appears in a new look! After 32 years in more or less unchanged design, we found it time to create a more fresh and easier-to-read Bulletin for our members. We hope that you like it and enjoy reading. We are happy to receive your feedback via email to the Bulletin editor at

bburkhard@ecology.uni-kiel.de

Bulletin Deadline

Vol. 33 no.4: November 29, 2015

PLEASE: Send your contributions to the Bulletin Editor Benjamin Burkhard bburkhard@ecology.uni-kiel.de