



Bulletin

International Association for Landscape Ecology

CONGRATULATIONS: TWO NEW VICE PRESIDENTS ELECTED

It is our pleasure to welcome **Dr. Robert M. Scheller**, Portland State University, and **Dr. Liding Chen**, Chinese Academy of Sciences as new Vice Presidents of IALE International. They will serve from 2013 to 2017. At the same time, we wish to thank outgoing Vice Presidents Bojie Fu (China) and Sandra Luque (France) for their great contributions to IALE. Thanks to Bojie, the world congress of 2011, which took place in China, was a great success. Sandra has made significant contributions to setting up the South American IALE chapters and was a strong supporter of education programs and summer schools in Landscape Ecology. We will chronicle both leaving Vice Presidents in the next Bulletin.

The election for the new Vice Presidents took place between 21 June and 21 July 2013. Robert M. Scheller and Liding Chen were nominated for two different positions; therefore they did not run against each other. Approximately, 1900 members were invited to vote electronically. E-mails bounced back from ca. 5% of the members where alternate addresses could not be located. As of 21. July 10.00 am Zurich time, the *independent election office* delivered the following results:

- Robert Scheller: 206 for, 24 against
- Liding Chen: 256 for, 9 against

Therefore, the two candidates are officially elected.

We congratulate both candidates and wish them a successful start. As a reminder, we publish their position statements again:

Liding Chen: A vice president of IALE plays an important role in building a bridge between the IALE-headquarter and members, the local chapters, and the other international organizations. After be-

coming the vice president, I promise to promote the following works: to enlarge and strengthen the IALE-China chapter, and organize high-quality national conferences; to strengthen the link between IALE headquarter and the local, regional chapters, with particular considerations for developing countries and the Asian region, as well as the other international organizations; to intensify the application of landscape ecology theories and methodologies in resolving practical problems faced by human beings.



Robert Scheller: I have been an active member of IALE since 1999 when I attended the World Congress in Colorado. I have been the Treasurer for US-IALE; am currently the chair of the US-IALE Nominating Committee; co-hosted the US-IALE 2011 meeting; currently serve on the Editorial Board of Landscape Ecology; and am Program Chair of the 2015 IALE World Congress. I am honored to be nominated to be IALE VP and, if elected, will facilitate international collaborations and foster greater communication among all members.

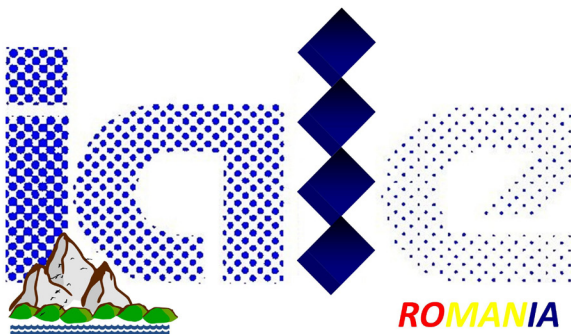


by **Xiuzhen Li, Chairman of the IALE Council & Bruce Jones, Past-President**

ESTABLISHMENT OF IALE-ROMANIA AS AN OFFICIAL IALE REGION

I am very pleased to announce the establishment of a new IALE chapter in Romania. After a few rounds of negotiations the majority of members in both the IALE Executive Committee and the IALE Council have voted in favor of the new chapter based on the statutes and an outline of the proposed activities of IALE Romania.

The elected EC of IALE Romania consists of Ileana Pătru-Stupariu (President; Email: ileanageorgeta@yahoo.com), Simona Grădinaru (Secretary) and Athanasios Gavrilidis (Treasurer). IALE Romania will contribute to examine how and why Romanian landscapes are changing and how Landscape Ecology can help promote sustainable planning for the future at local to regional scales.



IALE International is very happy that there is great interest to establish new IALE regions; last year we welcomed IALE Iran, this year IALE Romania and several other regions are on the “waiting list”, i.e. Turkey and India. I encourage the members to get in touch with our newly established chapters, invite them for lectures or conferences or collaborate with them in international projects.

All my best wishes for IALE Romania!

by **Felix Kienast, President IALE International**

IALE GRANT REPORT: EARLY CAREER SCIENTIST SUPPORT FOR US-IALE ANNUAL SYMPOSIUM

Austin, Texas, April 14-18, 2013



IALE International supported several early career scientists to attend the US-IALE meeting held in Austin, Texas. The following are testimonials from some of those awarded grants:

"At US-IALE Annual Symposium 2013, I am glad to give an oral presentation on potentials of high spatial resolution imagery to map this important ecosystem on earth that address different advantages and challenges in mapping with ground validation.

So, I would like to express my heartiest gratitude to US-IALE and FSTA committees to provide this unique opportunity through which I came across diverse ideas and established research methods in ecology and landscape management. Presentations/posters on different sensor based landscape analysis by various researchers provided added value on my research ideas and methodological improvements.

Finally, sharing my research ideas with experts across USA and Canada will certainly benefit to extend potential scope for international collaborations on future landscape research."

by **Abu RJ Mahmood, Durham University**

"It's notorious that an international event allows the construction of an important network of interaction between researchers. Personally, the experience brings to us new perspectives inside the field of landscape ecology. The event is much more than the participation in workshops, plenary sessions and field trips, but also a great opportunity to contact other researchers mainly in the interactions time (very well promoted by the symposium!)."

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In our specific case, the research utilizes the application of computational methods for the integration of data characterized as disparate, nonlinear, sparse, spatially-limited, and scale-dependent. The topic involves testing the efficacy of soft and hybrid computing for identifying nonlinear relations, estimation, forecasting, and uncertainty analysis associated with several science themes.

Landscape Ecology is guiding the challenge of combining both the human landscape, in the sense of their needs, desires and plans of territorial occupation, such as maintenance of favorable conditions of natural species habitats."

by Daniela Lins, NEPAM/UNICAMP



"This spring, having received the Foreign Scholar Travel Award, I was able to attend the 2013 US-IALE Annual Symposium in Austin, TX. This conference featured many leading scholars of landscape ecology, inspirational keynote speakers, and workshops that greatly benefited my research work.

I am currently in my final year of Ph.D. study at Graduate School of Environmental Studies, Seoul National University, where I have been studying the connectivity of protected areas in South Korea, in particular, the factors influencing the gene flow of plant populations and the movement of birds and mammals. Many sessions of the conference were directly relevant to my research field, including topic sessions on biogeography, fragmentation, and spatial analysis for species movement. I very much enjoyed listening to the work done in these fields first hand and having the opportunity to meet the distinguished US-IALE members in person.

I would therefore like to take this opportunity to express my deepest gratitude to the US-IALE Awards Committee and all members for giving me the privilege to have such an opportunity. The meeting was also very student-friendly. It was a wonderful learning and networking experience, which made me more

eager to get involved in the Association. I am looking forward to attending the next annual meeting of US-IALE at Anchorage, Alaska."

by Wanmo Kang, Seoul National University

"I am a PhD student in Forestry Resources from Universidade de São Paulo, Brazil. I have graduated in Ecology by the Universidade Estadual Paulista. My research interest is geared toward the conservation of the neotropical vertebrates in human dominated landscapes. I worked in research projects aiming the assessment of the conservation status of medium and large-bodied mammals in protected areas of the Brazilian Atlantic Forest and silvicultural areas with Eucalyptus trees.

As a doctoral student, I am studying the dynamics and drivers of deforestation in the Brazilian Amazon and how they affect the persistence of mammals and birds species, and as well as, how the forest remnants contribute to the conservation of water in first and second order streams. The basis of my research is to integrate time series imagery data, fieldwork surveys and physical-chemical analysis of the streams water samples."

by Rodrigo Anzolin Begotti, Universidade de São Paulo

"Coming from a conservation ecology background and as an early career scientist in the field of climate change ecology I have focused on the "quantitative ecoregions" concept for delineation of sampling domains across space and through time for long term monitoring of ecosystem processes. Specifically I applied this statistical methodology to define ecoregions of Turkey to provide the evaluation of the ecological implications of their contemporary and projected future distributions under climate change scenarios. Attending the US-IALE conference gave me the opportunity to share the collaborative outcomes of my post-doctoral research. The presentations, especially symposiums on phenology gave me a lot of inspiration to elaborate many national efforts and initiatives for

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Turkey. Furthermore, the conference has brought me a great opportunity to extend our research into further collaborative study on sampling sites representativeness to provide a framework for the design of an 'ecological observatory network' for Turkey. Finally, I am truly grateful to the US-IALE for their distinguished support."

by Yasemin Ergüner Baytok, Istanbul Technical University

CALL FOR PAPERS FOR THE JOURNAL "LANDSCAPE ONLINE"

Special Issue on Ecosystem Services

As a collaborative event of the [IALE-D Working group Ecosystem Services](#) and the Ecosystem Services Partnership ESP, a joint [Workshop on Indication, Integration and Application of Ecosystem Services in Decision Making](#) was held in Kiel in May 2013. Following this event there have been some very constructive discussions about the planned special issue on "Concepts and Methods for Ecosystem Service Assessments". The result on hand is a general acceptance of the plans from the editorial board of the IALE-D online journal "Landscape Online" and a huge support by workshop participants. Therefore, the submission procedure has been initiated, and we look forward to receiving your contributions.

The general objectives of the Special Issue

With the increasing popularity of the ecosystem service approach in many universities, research institutions and administrations, various works have to be done in parallel at several places. To date, lack of collaboration and standards has resulted in extremely low compatibility among different approaches. Therefore, an information base on ecosystem service quantification concepts and methodologies will be extremely helpful for all scientists and practitioners.

We are now establishing a respective collection of information in a "living" special issue. It can be called "living" because the contributions can be published continuously and fast, without deadlines and waiting times. Furthermore it is possible to modify papers by new editions or new papers if the methodology has

been improved. And finally this issue does not duplicate the works of other journals because the focus is strictly put on methodology.

The journal "Landscape Online" is the official journal of the International Association for Landscape Ecology, Chapter Germany (IALE-D). You can find information on the journal at the following internet address: <http://www.landscapeonline.de/>



The layout and structure of the papers

You can find information on the [layout of the articles](#) and a [proposal for their structures](#) on the IALE website. The editors as well as the reviewers and the readers would appreciate if you try to stick to these templates. There is no restriction of page numbers, but to make the papers more readable, the principle length of the articles should not exceed 25 pages. There are many possibilities to put additional information into different sorts of appendices.

The submission procedure

Please read and apply the instructions for authors from the journal's home page (<http://www.landscapeonline.de/instructions.html>). It will be very important to write a cover letter to the managers of the journal, telling them that this paper should be part of the special issue "Concepts and Methods for Ecosystem Service Assessments". Based on this information, the review procedure will be supported and organized by the guest editors. To start the issue with a critical mass of papers we will try to publish the first edition in **December 2013**.

Of course, this special issue will also be open for colleagues who did not participate in the Kiel workshop in May 2013. Therefore we encourage you to also inform your colleagues and friends about this activity of IALE-D and the ESP working groups on "Ecosystem Service Indicators", "Ecosystem Service Cascade" and "Application of Ecosystem Services in Planning and Management". If you are planning to write a paper, please provide a short description of

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your paper in order to prepare the organization of the special edition. We are looking forward to your [replies](#) and paper submissions.

by **Felix Müller (IALE-D, ESP) and the editorial group.**

NEW JOURNAL “CHANGE AND ADAPTATION IN SOCIO-ECOLOGICAL SYSTEMS (CASES)”

CASES aims at offering a forum for R&D

- on changes that impact the functioning of socio-ecological systems such as climate change or global change and
- on measures, strategies and policies in tackling and adaptation to current and future changes. Focus is laid on inter- and trans-disciplinary work oriented on solving questions and problems, but also theoretical papers that provide in depth-analysis and concise overview are welcome.



Specially, CASES addresses

1. observations on highly relevant global, regional and local drivers of changes and their effects on socio-ecological systems,
2. knowledge, techniques, approaches and concepts of how to further develop, manage and adapt socio-ecological systems in their political, cultural

and natural context and

3. approaches to assess the impact of changes and the efficiency of adaptation and management measures to ensure a sustainable system development.

The scope of CASES is to publish original papers, review and synthesis papers, short communications and research letters addressing an interdisciplinary point of view on change and adaptation of socio-ecological systems from management unit level to policy level. Thematically, CASES aims to address all studies that have a focus on the impact of global change and climate change, on functioning or services of socio-ecological systems and related human-environment interactions, on understanding, monitoring and proposing innovative approaches, tools and technologies to adapt and bring forward system management and development.

More information is available under:

www.versita.com/cass.

by **Christine Fürst (European Land-use Institute ELI)**

GLOBAL LAND PROJECT OPEN SCIENCE MEETING

Land Transformations: Between Global Challenges and Local Realities, Berlin 19 - 21 March 2014

The Global Land Project is a joint research project for land systems for the International Geosphere-Biosphere Programme (IGBP) and the International Human Dimensions Programme (IHDP). The Global Land Project Science Plan represents the research framework for the coming decade for land systems. This development of a research strategy is designed to better integrate the understanding of the coupled human-environment system.

These integrated science perspectives reflect the recognition of the fundamental nature of how human activities on land are affecting feedbacks to the Earth System and the response of the Human-Environment System to Global Change. The Global Land Project Science Plan has been defined by scientists sponsored by the IGBP and the IHDP.

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The 2014 Global Land Project Open Science Meeting will synthesize and discuss the role of the land system as a platform for human-environment interactions, connecting local land use decisions to global impacts and responses.

Main conference themes:

- Rethinking land change transitions: drastic changes in land cover and subtle changes in land management
- Local land users in a tele-connected world: the role of human decision making on land use as both a driver and response to global environmental change
- Impacts and responses: land systems changes to mitigate global environmental change impacts and adapt to increasing demands for food, fuel and ecosystem services
- Land governance: the ways in which alternative approaches to governance of land resources can enhance the sustainability transition

More information at: <http://www.glp-osm2014.org>

FIRST CALL AND INVITATION TO A CONFERENCE: LARGE PARKS IN LARGE CITIES

Visions and Governance in the context of green infrastructure, ecosystem services and landscape analysis
Stockholm, Sweden, September 2-4, 2015

Background

Urbanization continues all over the world, pressing on and transforming ecosystems. In 40 years the urban population will double. We need to take stock of the consequences and seriously judge the value of green cities and, in this conference, focus on large parks. There are large parks in many large cities in many

parts of the world, even larger than well-known parks such as Central Park in New York and Hyde Park in London. Sometimes they are not recognized as parks, but are left-over-land that one day may be exploited. Or they may be national parks right on the border of the city, as in Nairobi and in Cape Town. Or they may be planned green wedges or belts around a city. Nevertheless, they serve as lungs of the city, recreational areas for its population and nature's reminder of the foundations of city life and its history.

In central Stockholm an area of 27 km² in 1995 was designated a national city park by the Swedish parliament, the first national park in a city in Sweden (www.ekoparken.org and www.nationalstadsparken.se). The park, named "The Royal National City Park", since it to a large extent has a history as a royal leisure and hunting ground, is one of the few urban areas investigated in the United Nations Millennium Ecosystem Assessment. Twenty years after its inception, in 2015, we will stage a conference in Stockholm to assess the importance of large parks in large cities.

Aim and theme of the conference

The aim of the conference is to highlight large parks in metropolitan areas and to discuss their importance and role in the future, taking into account the enormous development of townscapes that is foreseen. We will also discuss status, protection and maintenance – in short the governance of large parks in large cities. This will be done within the context of overall green infrastructure, ecosystem services and sustainable cities. Large parks at the same time constitute a basis for understanding the landscape in which the city is set. Another goal is to create a network of people working with large parks around the world.

Themes we like to address are:

- visions of large parks in large cities
- the specific aspects of large parks and nature reserves in townscapes in contrast to urban greening in general
- the role of large parks in urban ecology
- the role of large parks as a source of biodiversity in cities
- ecosystem services from urban green areas and specifically from large parks in large cities
- the role of large parks when building the sustain-

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- nable city and mitigating climate change
- the role of large parks when integrating – functionally and architecturally – the city in the landscape
- large parks in understanding the history of the landscape
- the establishment and legal status of large parks
- urban planning for large parks – threats and conflicts
- governance of large parks in large cities

These themes can be addressed through case studies, research and practical applications of planning and nature conservation. We strongly encourage presentations of large parks in metropolitan areas and large cities at this conference. We ask for contributions from both practitioners and researchers. There are bound to be conflicts concerning large parks in metropolitan areas and town planning perspectives differ widely regarding ecological values. We therefore encourage contributions setting out such conflicts, either in the particular case or in general.

Invitation

With this first call we invite you to a conference on large parks in metropolitan areas and large cities. We ask you, therefore, to state your interest in participating in such a conference and whether you might contribute with a paper or a poster on a specific large park or one dealing in a general way with any of the themes mentioned above. In case you would like to propose a workshop or symposium on a specific subject – one of the above mentioned or a related subject – please let us know.

The conference is to be held in Stockholm, in the first week of September, a very beautiful time of the year in the Royal National City Park, between the 2nd and the 4th of September 2015. The program will include keynote presentations, invited and contributed conference papers and posters, panel discussions, workshops and excursions in and around Stockholm. There will be a welcoming reception and a banquet dinner.

We anticipate a registration fee of about €400.

Please state your interest to participate as soon as possible and preferably before the **30th of October 2013**. We would like you to indicate whether you would be

interested in attending and whether you would want to contribute a paper or a poster (please state a tentative subject), or if you wish to organize a workshop or symposium (please state a tentative subject). We would like to hear from you preferably before June 30th 2013. (Please use the separate form for doing so at the conference website www.largeparks.se),

For further questions please contact:

Henrik Waldenström (henrik.waldenstrom@wwf.se) or Richard Murray (richard.murray@comhem.se)

Conference organization

The conference is organized by World Wide Fund for Nature, Sweden (WWF) and Association for Ekoparken, in cooperation with Stockholm University, Swedish University of Agricultural Sciences, Stockholm Environment Institute, Royal Swedish Academy of Letters, History and Antiquities, Royal Swedish Academy of Fine Art, Royal Swedish Academy of Science, Royal Swedish Academy of Forestry and Agriculture, Swedish Museum of Natural History, Swedish Association for Nature Conservation in Stockholm, Royal Djurgården Administration, Samfundet S:t Erik, Stockholms läns hembygdsförbund and Kommittén för Gustavianska Parken.

More information at the conference website:

www.largeparks.se

by Håkan Wirtén (Secretary General WWF Sweden)

5TH JUBILEE INTERNATIONAL CONFERENCE ON CARTOGRAPHY & GIS
Riveria, Bulgaria, June 15-21, 2014

Organized under the auspices of the Rector of UACEG Prof. Krasimir Petrov and the **Seminar with EU cooperation on Early Warning and Disaster / Crisis Management**, organized under the auspices of the Czech ambassador to Bulgaria.

Upon very successful events in 2006, 2008, 2010, and 2012, the 5th Jubilee edition of the International Conference on Cartography and GIS (ICC&GIS) will take place in Bulgaria.

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The aim of the conference is to collect knowledge and share experiences about the latest achievements in the field of cartography and GIS. Nowadays, particular attention is paid to the important European region - the Balkan Peninsula. During the conference, ICA commissions will hold their annual meetings and share best practices in their areas.

The best papers will be proposed for publishing in a book - working title: Thematic Cartography for the Society, published by Springer.

Important dates:

JAN 10, 2014: Abstract submission for the Conference proceedings. Full paper submission for the Springer Book

JAN 30, 2014: Notification of acceptance of abstracts

FEB 15, 2014: Notification of acceptance of full papers

FEB 25, 2014: Final full paper submission for the Springer Book

FEB 28, 2014: Payment of early registration fee

MAY 1, 2014: Final full paper submission for the Conference proceedings. Regular registration

JUN 16-20, 2014: 5th ICCGIS - conference dates

JUN 17-19, 2014: Seminar dates

More information can be found at the conference website: <http://iccgis2014.cartography-gis.com>

by Stefan Bonchev (Local Organizing Committee)

Bulletin Deadline

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PLEASE: Send your contributions to the Bulletin Editor Benjamin Burkhard

bburkhard@ecology.uni-kiel.de

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:

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