

iale BULLETIN

INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY

IALE Website relaunched!

We are very happy to announce that in September 2016, after five years with the former design and functionality, the IALE International website has been redesigned. The new design fits with the new IALE logo (see Bulletin 34(2)) and presents a much fresher appearance. The new webdesign is now optimized for mobile devices also. Thus you can stay up-to-date on IALE activities wherever you are by using your smartphone or tablet. Further improvements include a security update and the Paypal payment option, facilitating

collection of membership fees. You will find the new site under the same internet address as before: www.landscape-ecology.org.

The co-operation with Geo-bit - Media, Environment, Tourism GbR Nürtingen, and the Department of Strategic Landscape Planning and Management at Technical University of Munich Germany, helped redevelop the web site while maintaining its content. We transferred as much content as possible to the new website.

However, we still depend largely on you to keep the website updated. Please send us information, pictures, news from your region and working group which could be shared by the IALE community via the website.

Welcome again on
www.landscape-ecology.org!

*by Benjamin Burkhard (IALE Bulletin/
Web Editor) & Werner Rolf*

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CALL FOR NOMINATION OF TWO VICE-PRESIDENTIAL POSITIONS FOR THE IALE EXECUTIVE COMMITTEE 2017 - 2021

By Xiuzhen Li, Chairman of the IALE Council & Felix Kienast, Past-President

The IALE Executive Committee consists of a president, the past-president, the vice-presidents, a secretary-general, a treasurer and a Bulletin editor/deputy secretary-general. The members are elected for a four-year term, with the last election in 2015. In general, vice-presidents are elected to a four-year term just preceding the IALE World Congress, which is held every four years, and the other two vice-presidents are elected between the general elections, the next to occur in 2017.

The vice-presidents are intended to provide regional representation and should reflect the international character of the Association. They may be re-elected to consecutive terms. Of the present vice-presidents, Liding Chen (China) and Robert Scheller (USA) have terms ending in the summer of 2017, whereas two other vice-presidents Andreas Aagaard Christensen (Denmark) and Henry Bulley (USA / Ghana), have terms ending in the summer of 2019. An election of at least two vice-presidents will thus be carried out in summer 2017. According to the IALE statutes (G1) a request for nominations of candidates for the two vice-presidential positions is hereby distributed to the members. The nominating committee is chaired by the present Chairman of the IALE Council (Xiuzhen Li, China) and the Past-President of IALE (Felix Kienast,

Switzerland). They will appoint three additional members to the Nominating Committee, in a manner intended to provide regional representation and valid information concerning the received nominations.

Nominations shall be made by two members in good standing and shall be consented to in writing by the signature of the nominee. The *nominations* are due in the hands of the Secretary-General Thomas Edwards (t.edwards@usu.edu) on or before *January 31, 2017*. The *nomination form* should be used, but E-mails confirming the nomination and consent of the nominee will also be accepted, provided they are sent individually from these persons. The members proposing the nominations are asked to enclose a short description of motives and recommendations for the nominee. The nominee is asked to enclose a short CV (2 pages maximum) and a position statement for the nomination (not more than 1000 characters), suitable for publication in the IALE Bulletin. This should be forwarded together with the nomination form.

The Secretary-General will deliver all valid nominations to the Chair of the Nominating Committee. Nominations may also be made by the Nominating Committee, with the

consent of the nominee. The Nominating Committee will develop a slate with (if possible) at least two eligible candidates for each of the positions for vice-president. Candidates will be selected from the nominations received with reference to: considerations of the Statutes of the Association, needs of each particular office, the international and regional nature of IALE, the interdisciplinary character of IALE, and other criteria likely to affect the vitality of IALE.

By *31 March 2017*, the Chair of the Nominating Committee shall announce through the Bulletin and the Web site the list of candidates for all positions upon which the voting and election will be based. Additionally, the Chair will post the position statements prepared by the candidates. By the *30 April 2017*, members in good standing can submit additional write-in candidates for any position to the Deputy Secretary-General, but such candidates must have agreed to serve if elected. After this deadline the Nominating Committee will distribute to all members currently in good standing a ballot containing the list of candidates for all positions. The ballot shall be a secret electronic ballot. To be valid, ballots must be returned by the end of the day of *15 June 2017*. Candidates for each position will be elected by a simple majority of valid ballots cast.

IALE Policy Working Group

Enhancing Landscape Ecology's role in Policy Making

Landscape ecologists investigate the interaction between human activities and the environment at many scales, from local to global. Landscape ecology thus offers critical and relevant information to policy makers, from municipalities to the United Nations, on many of the most critical policy issues of our time, including land use, air and water pollution, invasive species, and climate change. However, most policymakers and practitioners have little awareness of how insights from landscape ecology can improve policy development

and implementation, chiefly because this knowledge is not easily accessible to them. Landscape ecologists should be seen as a valuable resource for policy makers, and should endeavor to more fully collaborate with policy makers to ensure that information provided by researchers conforms to the needs and goals of policy makers. However, most researchers are typically not trained to provide guidance to policymakers and practitioners in a format they can use. The Policy Working Group promotes access to landscape ecology

research findings for policymakers and practitioners.

Goals

Our goals are to:

- identify opportunities where the field of landscape ecology can inform policy related to pressing issues;
- support landscape ecologists interested in translating their research results into policy;
- collaborate with policy makers to identify key information needs that

landscape ecologists can investigate;

- encourage landscape ecologists to identify gaps between knowledge and existing policy;
- support training for landscape ecologists to work in policy-related fields;
- prepare reports and white papers in collaboration with other professional societies.

Upcoming events

2016: Africa IALE

Special Session on Integration of Landscape Ecology and Geospatial Technology for Sustainable Development of Urban Areas in Africa.

The session is organized by Africa-IALE during the International Conference of The African Association of Remote Sensing of The Environment (AARSE) from October 24-28, 2016 in Kampala, Uganda.

Joining the group

All colleagues interested in contributing to our working group are welcome to contact us (see email addresses of committee chair and members below). We are especially seeking members who are involved in policy making and as such welcome planners, elected officials, and other practitioners to join our group.

Audrey Mayer (almayer@mtu.edu) - Chair

Jonathan Bossenbroek (jonathan.bossenbroek@utoledo.edu) - Member

Henry Bulley (hbulley@bmcc.cuny.edu) - Member

Brian Buma (bbuma@alaska.edu) - Member

Amelie Davis (davis.amelie@miamioh.edu) - Member

Sarah Dumyahn (dumyahn.sarah@miamioh.edu) - Member

Meg Krawchuk (Meg.Krawchuk@oregonstate.edu) - Member

Rob Scheller (rmschell@pdx.edu) - Member

Fiona Schmiegelow (fschmie@ualberta.ca) - Member

Yolanda Wiersma (ywiersma@mun.ca) - Member

2017: US IALE

We will propose a "Policy and Landscape Ecology" symposium at the next meeting of the US-IALE in Baltimore, MD, USA in April 2017. The symposium will consist of talks given by invited speakers, followed by a panel discussion where invited speakers can discuss emerging questions:

- In what ways has the field of landscape ecology specifically contributed to enacted policies? Missed opportunities? Low hanging fruit?
- How are landscape ecologists informing policy at the local, regional, national, or global level? Please give examples.
- How have policies stemming from LE research been misapplied or misinterpreted in the policy realm? Implications? Remedies?
- Discussion with the audience will ensue.



Public-private partnerships are using landscape ecology techniques to design holistic management strategies around multiple ecosystem services. Here, a member of the Hoonah Native Forest Partnership and an intern are mapping ecosystem services using remote sensing, ground work, and GIS. The Hoonah Native Forest Partnership includes the Sealaska Regional Native Corporation, Huna Totem, Hoonah Indian Association, City of Hoonah, The Nature Conservancy, Alaska Department of Fish and Game (Subsistence Division), University of Alaska, and U.S. Forest Service.



Graduate research in landscape ecology is charting the northward migration of a climate threatened conifer, Alaska yellow-cedar, currently under consideration for listing under the U.S. Endangered Species Act.

IALE design award for Marie Reichmann

With this year's IALE design award, the International Association for Landscape Ecology (IALE) wishes to acknowledge Ms. Marie Reichmann for the successful conception and design of the new IALE logo and bulletin layout.

IALE aims to develop landscape ecology as worldwide scientific basis for the analysis, planning and management of landscapes. The new logo represents well the open and interdisciplinary character of IALE with landscapes as integrative research and development platform. We trust, the new logo will be an excellent symbol accompanying our scientific and networking mission.

Marie Reichmann made her graphic design B.A. at the HAWK University of Applied

Sciences and Arts Hildesheim. Currently, she is a freelance illustrator and graphic designer. Her works with and for IALE originated from her work at UFZ Leipzig and a cooperation with Kiel University, where she was involved since 2015 in editing the Bulletin. Her personal interest in landscape ecology is motivated by long walks with her dog through beautiful

landscapes and forests. She considers her projects as means to improve the awareness for environmental conditions by attracting peoples' attention.

We wish to warmly thank Marie for her excellent work and hope to continue the engagement of ideas and inspirations through the next generation of scientists with further projects.



2nd International Conference of IALE-Iran

October 26-27, 2016, Isfahan, Iran

We are happy to announce the second International Conference of the IALE-Iran Chapter. The Conference will be transdisciplinary and will include a wide range of symposia tackling the themes below. It will include all landscapes: natural, urban, marine, freshwater, and...



Find more information on the Conference website: www.ialeconf-iut.ir

- Biodiversity conservation at landscape scale and landscape genetics
- Land use change, landscape monitoring and management
- Spatial analysis of organism distribution in environment
- Landscape economics: valuing ecosystem services at the landscape scale
- Landscapes and humans: linking landscape pattern perception and human well-being
- Co-management of natural resources and adaptive capacity of socio-ecological landscape systems
- Environmental Pollution
- Landscape ecological impacts of climate change
- Landscape ecology and coastal and marine sustainability
- Urban landscape design and management
- Green spaces design & landscape architecture
- GIS & Remote Sensing Studies in Natural Resources Management

Ecosystem Services – Landscape Ecology Integrative Role Conference in Łochów, Poland

The conferences on actual problems of landscape ecology are organized periodically by the Faculty of Geography and Regional Studies, University of Warsaw and Polish Association of Landscape Ecology. Their aim is to create a platform

of experience exchange for researchers and practitioners that represent different schools of landscape science.

The 6th of the cycle of the conferences took place on 22-24 June 2016. 76 participants met in the Łochów Palace near Warsaw.

They came from 15 European countries and Chile. The conference devoted to ecosystem services (ES), aiming to discuss the input of landscape ecology to this concept and to show its complexity.

During the opening plenary session Mikhailo Grodzynskyi (Taras Shevchenko National University of Kiev) spoke on landscape typology, assessment and mapping in ES context. Olaf Bastian (Capital City of Dresden, Environmental Office) shared his views on landscape ecology – ES relations and Jürgen Breuste (University of Salzburg) focused on urban biodiversity as the basis for urban ES. In the next 8 sessions 47 papers and 14 posters were delivered. The presentations covered the wide spectrum of theoretical and practical issues, including:

- mapping of landscape units as the basic fields for ES assessment and valuation;
- assessment and modeling of processes and functions that determine various ES potentials;
- methods and tools for ES diagnosis, assessment, valuation and monitoring;
- perspective on practical use of ES assessments and valuations, including their role in mitigating of tradeoffs between environmental protection and provisioning ES.

The field trip led along the valley of Liwiec river, focusing on historical landscape changes and their influence on ES evolution.

The final discussion found that interdisciplinary character of landscape ecology predisposes the discipline to integrate ES research. Further theoretical progress and practical implementation of ES concept depend on developing new tools and methods that would allow integrated ES mapping, assessment and valuation. Such an integrated ES analysis is crucial for areas, where achieving a balance between economic development and nature protection is especially difficult; urban areas remain the special challenge.

The organization of the conference was partially funded by The National Center for Science on the basis of a decision DEC-2012/07/B/HS4/00306; the project “Use of the ecosystem services concept for sustainable management of tourism in lake areas”



Picture above: Participants of the conference
 In the middle: Who said that it must always be downhill
 Picture below: The cultural landscape of the Polish Mazowsze

Wooded rural landscapes in Central and Eastern Europe: biodiversity, cultural legacy and conservation

Conference in Rzeszów, Poland, September 20-25, 2017

University of Rzeszów in cooperation with the Centre of Ecological Research of Hungarian Academy of Sciences is organizing an international conference *Wooded rural landscapes in Central and Eastern Europe: biodiversity, cultural legacy and conservation*. The event will be held in SE Poland with the optional field excursion from 20 to 25 September next year.

The conference aims at fostering interdisciplinary discussion and analysis. We seek to encourage the sharing of knowledge from researchers studying wooded rural landscapes and representing from across disciplines: from taxonomy and ecology, from paleo-ecology and environmental history, from ethno-ecology, from spatial planning and landscape architecture, from land use economy involving ecosystem services. We believe such a platform will provide a theoretical

foundation for the development of a new management and conservation approach that is essential for sustaining the richness and values of wooded rural landscapes in Central and Eastern Europe.

In particular, we invite researchers, conservation practitioners, economists, farmers, nature philosophers interested in the following thematic blocks:

- Wooded pastures and silvo-pastoral woods: their status in contemporary Europe (abundance and geographic distribution, syntaxonomic status, conservation); ecology (including ecological history, paleoecology, processes and factors); their biodiversity; how they will fare under climate change
- Local and traditional knowledge connected to wooded rural landscapes: gathering and using the wisdom of farmers, herders, conservationists or others
- Wooded landscapes in contemporary land use economy and policies: what does modern farming and forestry, tourism and recreation, nature conservation, landscape architecture and spatial planning need from these systems.
- Towards future sustainable social-ecological systems: assessment of ecosystem services in the region, the cultural heritage: threats and opportunities in eco-development.



Call for applications: Early career representatives in Knowledge-Action Networks

Early career researchers and professional newcomers now have the opportunity to join Future Earth's Knowledge-Action Networks by applying to become a member of their development teams. *The deadline is 2 November 2016.*

Future Earth is opening up its Knowledge-Action Networks to early career researchers and early career professionals. Becoming part of Knowledge-Action Networks in their early stages will allow you to shape innovative research agendas over the coming years and connect with a global network of leading academics and professionals.

Future Earth explicitly welcomes applications from both practitioners and scientists, so from both university graduates and professionally trained people without a university degree.

Eligible candidates should have started their careers or finished their master's degree maximum ten years ago. It is also a necessary requirement to be a member of an early career network, group or organisation. All applicants need to have a strong link to sustainability.

Apply now by filling in this form until 2 November 2016 and become part of Future Earth's innovative research projects for global sustainability!

More information on our website: www.futureearth.org/news/call-applications-early-career-representatives-knowledge-action-networks

Ecosystem Services Partnership (ESP) Conferences

The Ecosystem Services Partnership (www.es-partnership.org) organises three further regional ESP Conferences in 2016 in Latin America (in Cali/Colombia, 18-22 October), Africa (in Nairobi/Kenya, 21-25 November) and in North America, together with ACES (in Jacksonville, Florida, USA, 5-9 December).

More information you can find on the ESP website: www.es-partnership.org/esp-conferences/upcoming-conferences/



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, Martin Luther University Halle-Wittenberg, Von-Seckendorff-Platz 4, 06120 Halle (Saale), Germany, christine.fuerst@geo.uni-halle.de; **Secretary General:** Thomas C. Edwards 2015-2019, U.S. Geological Survey, Utah State University, 5230 Old Main Hill, Logan, UT 84322-5230, USA, t.edwards@nr.usu.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, Leibniz University Hannover, Schrienerberg 50, 30167 Hannover, Germany, burkhard@phygeo.uni-hannover.de; **Chairman of Council:** Xiuzhen Li 2015-2019, East China Normal University, Shanghai 200062, China, lixz@iae.ac.cn; **Publicity Officer:** Emilio Padoa-Schioppa, University di Milano-Bicocca, p.za Della Scienza 1, 20126 Milano, Italy; emilio.padoaschioppa@unimib.it.

IALE International on the Internet:

IALE International:

www.landscape-ecology.org

Bulletin Deadline

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PLEASE: Send your contributions to the Bulletin Editor Benjamin Burkhard burkhard@phygeo.uni-hannover.de