available as pdf-file from the website of IALE www.landscape-ecology.org



# Bulletin

# International Association for Landscape Ecology

# UPCOMING ELECTION OF IALE EXECUTIVE COMMITTEE

By the nomination committee: Robert Gardner, K Bruce Jones and Bob Bunce (chairs); co-chairs: Ralf Seppelt (technical aspects), Paul Opdam, Diane Pearson

The IALE nomination committee nominates the following candidates for positions in the IALE-Executive Committee. A web-based voting procedure will be distributed to all IALE-members by e-mail shortly before 15 May 2011. The election will conclude on 15 June 2011. The new executive committee will be installed during the World Congress in Beijing (18-23 August 2011).

# Nominated are:

# President:

Felix Kienast (Switzerland)

# Vice president pos. 1:

Jiquan Chen (USA) Jianguo (Jack) Liu (USA) Giovanni (Gianni) Zurlini (Italy)

# Vice president pos. 2:

Michele Barson (Australia) Jean Paul Metzger (Brazil) Patrick O'Farrell (S Africa)

# Secretary-General:

Thomas C. Edwards (USA)

# Treasurer:

Ralf-Uwe Syrbe (Germany)

# **Bulletin Editor:**

Benjamin Burkhard (Germany)

Candidates for each position are listed in alphabetic order. Two vice-presidents (pos. 3 & pos. 4) elected in 2009, Sandra Luque (France) and Bojie Fu (China), will serve on the new Executive Committee until 2013. For further Information on these vicepresidents, see IALE Bulletin, Vol. 27 no. 1, at www. landscape-ecology.org. According to the statutes you still have the possibility to suggest your own writein candidates for the election. Write-in candidates will be added to the list of candidates on the voting ballot and announced through the Web Page. You should forward proposed write-in candidates to the Secretary-General Thomas Edwards (t.edwards@ nr.usu.edu) before 15 April 2011. To be valid, the proposed position for the write-in candidate should be clearly indicated, and there must be an acceptance of nomination from the candidate.

# **Deadlines:**

15 April 2011: Nominations of additional write-in candidates in the hands of the Secretary-General (*t.edwards@nr.usu.edu*)

15 May – 15 June 2011: Web-based election After 15 June 2011: Results announced through a bulletin and the webpage

#### CVS OF CANDIDATES

# Nomination for President:

#### **Felix Kienast**

Swiss Federal Research Laboratory WSL, Switzerland

# Biography

Prof. Felix Kienast has over 25 years of experience in landscape ecology research. He is Adjunct Professor for Landscape Ecology at ETH Zurich, Switzerland and senior scientist at the Swiss Federal Research Institute WSL. He has served as IALE Bulletin/Web Editor and ad interim Secretary General. His research concentrates on GIS-assisted landscape models designed for simulating potential future landscape development and associated landscape services. Felix serves on the Editorial Boards of Environmental Management and GAIA. Between 1993 and 2010 he was Subject Editor with Landscape Ecology. His publication record consists of more than 130 papers and communications in the field of Landscape Ecology. He is editor of the Springer Landscape Series Book No. 8 entitled "A Changing World - Challenges for Landscape Research".

# Position statement:

I have seen IALE transform from a "classic" society with a unique world-wide theme - "Landscape Ecology" - into a multi-facetted professional society that promotes new and challenging spatially related concepts. Because of this rich scientific tradition, Landscape Ecologists offer great ideas to shape future landscapes in a sustainable way. As President of IALE I would like to enhance the profile of the Society by strengthening our leading role in providing future -oriented landscape concepts. In order to increase our visibility we need to increase membership and work towards larger continental chapters with wellestablished formal structures and meetings. This is a necessary step to gain momentum in an increasingly globalized world with other Societies offering similar themes. At the same time regional solutions should be promoted in regional workshops and conferences. This amalgamation of regional, continental and global chapters, each with different perspectives towards solving common problems, is what makes IALE unique.

# Nomination for Bulletin Editor:

# Benjamin Burkhard

Ecology Centre of the Christian Albrechts University Kiel, Germany

# Biography

Dr. Benjamin Burkhard has been working the last 10 years at the Ecology Centre of the Christian Albrechts University Kiel, Germany. He is part of different interdisciplinary research and development projects, dealing for example with landscape management in Northern Finland, integrative coastal zone management in the North Sea, peri-urban land use relations in Europe or changing water regimes at the Yangtze river in China. In these projects he has been carrying out integrative landscape systems analyses and indicator applications, assessments of ecosystem services, resilience and adaptability. In the year 2004, he received his doctoral degree in Ecology. Before that, he studied Geography at the Universities of Berlin, Germany and Uppsala, Sweden. Benjamin Burkhard got international working experience during his research stays at the University of Salento, Italy (2007), at the University of Adelaide, Australia (2008) and during regular research and teaching stays in Finland, Austria and China. His teaching activities include courses in ecosystem analysis within international Masters curricula at Kiel University and in different EU-Erasmus exchange activities. He is an active member of IALE-D and IALE member since 2006. Moreover, he is a founder member and part of the steering committee of the Ecosystem Services Partnership. Benjamin Burkhard's publication record includes numerous papers, book chapters and communications, two edited special issues and numerous reviews for international highly ranked journals.

#### **Position Statement:**

As an active member in international research networks I want to contribute to the dissemination of relevant landscape-science information and data via the IALE bulletin and the website. I am convinced that both media have high potential to reach a broad international audience in landscape science and from other disciplines or interests.

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# Nomination for Treasurer:

# **Ralf-Uwe Syrbe**

Leibniz Institute of Ecological and Regional Development, Germany

# Biography:

Dr. Ralf-Uwe Syrbe is a landscape ecology researcher with the Leibniz Institute of Ecological and Regional Development (IOER) and teacher in the Anhalt University of Applied Sciences (Bernburg). He studied Geography and Mathematics at the Potsdam University, Germany. His PhD thesis focused on landscape assessment, fuzzy logic and GIS. Thereafter he coordinated an interdisciplinary project on landscape regeneration and sustainable land use at the UFZ Centre for Environmental Research. He was a research associate at the Saxon Academy of Sciences and Humanities in Dresden from 1994 to 2007. The working group "Natural Balance and Regional Characteristics" developed evaluation methods for reporting and forecasting the status, functionality and carrying capacity of landscape. His research emphasized landscape classification, monitoring, and landscape metrics. His current research involves landscape scenarios, ecosystem services, and landscape maintenance.

# **Position Statement:**

Ralf-Uwe is a member of IALE since 1997, and contributed to the foundation of the German IALE Chapter in 1999. He has been Treasurer of IALE since the 2007 world congress. As treasurer for the next period in office he wants to: (i) continue the present work; (ii) improve the facilities for IALE members; (iii) support the foundation and development of regional IALE Chapters; (iv) foster fairness between generations and population groups; (v) save and revalue traditional landscape knowledge; and (vi) propagate landscape knowledge beyond commercial constraints.

 $IALE\ on\ the\ Internet:\ IALE\ International:\ www.landscape-ecology.org$ 

# Nomination for Secretary-General:

# Thomas C. Edwards

US Geological Survey and Utah State University, Utah, USA

# Biography:

Prof. Thomas Edwards currently is a Senior Research Ecologist with the U.S. Geological Survey and Professor in the Department of Wildland Resources, Utah State University. He teaches graduate level classes in The Design and Analysis of Ecological Research, and Topics in Spatial Ecology. Thomas Edwards' current research interests include bioregional conservation planning, and the development of methods for assessing and monitoring biological diversity at large landscape scales. These efforts include (i) a European-based effort of the joint effects of climate and land change on biodiveristy in western Europe, (ii) climate change effects on conifers of western North America, and (iii) impacts of urban disturbance fronts in regions of high urban growth and development. He was Co-Chair of the 2009 US IALE Annual Meeting, Snowbird, Utah, and currently serves as the Secretary-General (Interim) for the IALE International Executive Committee.

# **Position Statement:**

I view the position of Secretary-General as a nexus between the IALE Executive Committee, and the various IALE membership groups found around the world. In addition to maintaining and keeping track of the details associated with the IALE EC, such as meeting notes, I would like to see the position work more closely with the EC to increase communication among all IALE Chapters.

# Nominations for Vice-Presidents:

#### **Michele Barson**

Australian Government Department of Agriculture, Fisheries and Forestry, Australia

# Biography

Dr. Michele Barson is the Science Adviser to Caring for our Country, the Australian government's natural resources management initiative, and to the Sustainable Resource Division in the Australian Department of Agriculture, Fisheries and Forestry. She is also an Honorary Fellow in the Commonwealth Scientific and Industrial Research Organisation's (CSIRO) Land and Water Division. Michele is an ecologist/geographer with research interests that include integrating data from a range of sources including remote sensing, modelling, statistical collections and on ground monitoring to characterise landscapes and better understand landscape function. Michele has led national programs to monitor land cover change (land clearing) across Australia and to map land use at catchment scales for Australia In her current role she is commissioning and oversighting projects to: (i) monitor groundcover for the pastoral lands of Australia; (ii) develop an integrated approach to monitoring wind erosion; (iii) monitor changes in farmers' management practices that affect the quality of ecosystem services delivered from agricultural lands; and (iv) monitor long term soil resource condition changes in carbon, pH and wind and water erosion.

#### Position statement:

I am keen to work with IALE members to share and promote information on methods for integrating various forms of spatially explicit data to produce a synoptic view of landscapes suitable for planning, management, monitoring and reporting of condition at regional - national scales. I would like to see such data sets widely available, and used to assess the resilience of landscapes to change, especially that due to climate variability and global climate change. This information, at suitable scales, will also be important in improving our capacity to describe land surface properties to better understand terrestrial feedbacks to the global climate system. Through working with IALE members there are opportunities to encourage the adoption of landscape scale thinking, planning and management at government level by demonstrating how these approaches might be applied to government policy and program development.

# Nominations for Vice-Presidents:

# Giovanni (Gianni) Zurlini

University of Salento - Lecce, Italy

Biography:

Prof. Giovanni (Gianni) Zurlini is full Professor of Ecology at the Department of Biological and Environmental Sciences and Technologies (DISTEBA) in the Faculty of Mathematical, Physical and Natural Sciences at the University of Salento, Lecce (South Italy). He is member of IALE-Italy. Dr. Giovanni Zurlini received his Ph.D. from the University of Utrecht (NL) in 1980 in Mathematics and Natural Sciences, with a minor in Quantitative Ecology. He also has a Masters degree in Biology (Ecology) from the University of Parma. He directs the Landscape Ecology Laboratory working on the assessment of ecosystem goods and services, and ecological risk assessment at landscape level. He is the author or co-author of more than 200 scientific papers. He currently serves on the editorial board of four international academic journals like Landscape Ecology, Ecological Indicators, Living On-line Reviews, Landscape on-line, and is referee for a number of international journals. He is member of the steering committee of the Ecosystem Service (ES) Partnership, a network organization linking practitioners, researchers, and stakeholders around the world who are working toward better understanding, modeling, valuation and management of ecosystem services and natural capital.

# **Position Statement:**

We in IALE have mixtures of skills that cross ecological, socio-demographic, and economic discipline boundaries, leading our Society to a prominent position for assessing ecosystem services at multiple scales, be it more short-term such as human-induced land change or longer-term as related to changing climates. Human societies have been responding to environmental changes (e.g., climate, drought) through multiple pathways, including collapse, migration, but also with creative invention through technological solutions. Human responses to change may in turn alter feedbacks between climate, ecological and social systems, producing a complex web of multidirectional connections in time and space. I will work to help IALE become the world-recognized Society that will enhance and encourage a diversity of approaches in the conceptualization and application of ecosystem services. Such social-ecological system perspective represents the integration of the social/ political and the ecological scales, and it emphasizes the view that social and ecological systems are in fact linked, and that the delineation between the two is artificial and arbitrary.

# Nominations for Vice-Presidents:

# Jiquan Chen

University of Toledo, Ohio, USA

# Biography:

Prof. Jiquan Chen, a distinguished university professor, is the director of the Landscape Ecology and Ecosystem Science (LEES) Lab at the University of Toledo who has authored over 170 scientific articles and eight books (total citation >3200) since 1992. Dr. Chen is broadly interested in ecosystem science and landscape ecology. His research on forest edges, three dimensional canopy structure, ecosystem carbon and water fluxes, energy balance, riparian zone management, and fire ecology has been funded through >70 research grants and has been very influential in ecology, forest management, micrometeorology, and landscape. He serves as a Chair of the Landscape Ecology Working Party of the IUFRO (2004-Present), the Chief Scientist for the US-China Carbon Consortium (USCCC), the Organizing Professor and Chair for the Advanced Ecology Lectures at Fudan University (2004-2010), and one of the committee members for the Great Lakes NEON Initiatives (GLACEO). He was a Bullard Fellow at Harvard University (1999-2000) and a recipient of the Outstanding Faculty Research Award (2006) at UT. He is the primary organizer of the International Conference on "Landscape Ecology and Forest Management: Challenges and Solutions" in Chengdu, 2008.

#### **Position Statement:**

The scientific community faces pressing issues, mostly at a global scale. This includes the rapid change of the global climate, energy crisis, invasions of alien species, ecosystem degradation, conservation of biological diversity, fragmentation of virgin forests, pollution of our environment, high demands for natural resource, et cetera. Landscape ecologists are in the center of these issues by providing sound solutions for the policy makers and societies. While continuing our endeavors in identifying the field as a solid scientific, we also need to pay significantly more attention on the educations of students (i.e., our future), the public, and the policy makers about the role of landscape ecology plays in resource and environmental management. A particular effort I would like to make as the VP of IALE is to promote involvement of and support for students and junior researchers in our field.

# Nominations for Vice-Presidents:

# Jianguo (Jack) Liu

Michigan State University, USA

# Biography:

Prof. Jianguo (Jack) Liu is Rachel Carson Chair, University Distinguished Professor, and Director of Center for Systems Integration and Sustainability at Michigan State University (MSU), USA. He was trained at Chinese Academy of Sciences, Univ. of Georgia, and Harvard Univ. His research integrates landscape ecology with social sciences and policy, and has been published in journals such as Science and Nature and featured in the global news media. He has served IALE/US-IALE extensively: US-IALE President, Councilor, Meeting Host, Chair or Member of 7 Committees, Lead Editor of 2 books sponsored by IALE-Cambridge Univ. Press, and Founder of 3 programs (e.g., NASA-MSU Awards) that supported 320 junior scholars worldwide to attend meetings since 1998. He also leads the International Network of Research on Coupled Human and Natural Systems (CHANS-Net.org).

# **Position Statement:**

As a Vice President, I will help IALE: (i) support junior scholars (e.g., students, postdocs, young researchers); (ii) promote collaborations and communications among IALE chapters and other organizations; (iii) integrate landscape ecology with other disciplines; and (iv) link theory, policy, and practice.

# Nominations for Vice-Presidents:

# Jean Paul Metzger

University of São Paulo, Brazil

Biography:

Prof. Jean Paul Metzger is an Associated Professor of Ecology at the University of São Paulo. He obtained his MSc and PhD in Landscape Ecology at the University of Toulouse, France, under the supervision of Henri Décamps (past-president of IALE from 1991-1995). He currently works with landscape ecology and conservation in highly fragmented landscapes, particularly within the Atlantic Forest region. His main research focuses on connectivity issues, thresholds and time-lag responses to landscape change, and conservation planning. He has established a strong Landscape Ecology laboratory at the University of São Paulo and has published over 60 papers in the last 14 years in various journals that include Landscape Ecology, Landscape and Urban Planning, Science, Ecological Applications, Ecography, Oikos, Journal of Applied Ecology, Biological Conservation, Global Environmental Change, Acta OEcologica, Biotropica, Forest Ecology and Management and Ecological Modelling. He has supervised 16 M.Sc. dissertations, 7doctoral theses and 9 post-doctoral projects. Dr. Metzger is founder and past-president of the Brazilian Chapter of the International Association for Landscape Ecology (IALE-BR), and organized the first Latin America IALE Congress in 2009. He is currently member of the editorial boards of Landscape Ecology, Biological Conservation, Biota Neotropica, and the Brazilian Journal of Nature Conservation, and is a past member of the editorial board of Ecosystems.

# **Position Statement:**

My main objective is to work with the IALE Executive Committee in order to strength Landscape Ecology teaching, research and application outside its traditional axis of action (USA, Canada, Europe and Australia) and thus to promote the expansion of IALE activities to new regions, particularly to Latin America. I will thus pursuit the main objectives of the IALE Latin American meeting of 2009: (i) to encourage research development and consolidation on Landscape Ecology in Latin America by approaching and integrating researchers; (ii) to facilitate the creation of new IALE chapters in Latin America, establishing tools to integrate their actions; and (iii) to promote technical and scientific exchange between Northern and Southern researchers and educators. Additionally, I think that IALE can have a key-role in disseminating Landscape Ecology principles by organizing international summer schools with leading researches for graduate students and/or practitioners.

# Nominations for Vice-Presidents:

#### Patrick O'Farrell

South Africa's Council for Scientific and Industrial Research, South Africa

# Biography:

Dr. Patrick O'Farrell is a senior researcher in the Natural Resources and Environment competency area of South Africa's Council for Scientific and Industrial Research. He has a PhD in landscape ecology with a specific focus on ecosystem services. His research has focused on semi-arid systems in the western regions of southern Africa under varying land tenure systems. This has ranged from ecological to economic, exploring landuse change effects. Current research involves spatial prioritization of alien clearing for directing national programmes, and urban landuse effects on ecosystem services. He chaired South Africa's Arid Zone Ecology Forum from 2007 to 2010.

# **Position Statement:**

He has extensive networks in South Africa and collaborates with several academic and government institutions, and aims to increase the involvement African landscape ecologists within the international community. Africa presents opportunities to establish projects that demonstrate the role that landscape ecology can play in understanding and ameliorating issues of relevance to developing countries, particularly issues relating to the conservation sector.

# THE 8TH IALE WORLD CONGRESS AUGUST 18-23, 2011 - BEIJING, CHINA



# **Theme**

Landscape ecology for sustainable environment and culture

# **Important Dates**

- March 10, 2011: Deadline for financial award application
- April 1, 2011: Deadline for abstract submissionMay 31, 2011: Deadline for early registration

#### Venue

China National Convention Center (CNCC)
Please check http://www.cnccchina.com/en/default.
aspx for more information.

#### **Accommodations**

Near the CNCC venue, several hotels promised to offer a certain amount of special discounts to the participants of IALE Congress, on a "first come, first serve" basis:

- Crowne Plaza Parkview Wuzhou Beijing (5 stars)
- China National Convention Center Grand Hotel

(CNCC Grand Hotel, 4 stars, also the Congress Venue)

- Best Western OL Stadium Hotel (4 stars)
- Huiyuan International Apartment-Media Village (3 stars)
- Asian Olympics Hotel (3 stars)

Please check http://www.iale2011.org/page.asp?id=105 for more information.

# **Abstracts and symposiums**

The deadline for abstract submission is April 1, 2011. Please refer to the abstract template for the format at the upper-right corner of the congress webpage. You can send the abstract directly to <code>iale2011@sina.com</code>. We have 37 organized symposiums (<code>http://www.iale2011.org/page.asp?id=99</code>), most of which are also open for contributed oral presentations and posters. Please indicate if you wish to put your presentation in one of these symposiums. Open sessions and Posters will also be arranged in the congress.

Accepted abstracts will be published in the congress proceedings.

#### **Financial Awards**

IALE and the 8th IALE World Congress will provide a limited number of awards for prosperous young scientists from developing countries and student participants. Requirements for the application (including application forms) are available at <a href="http://www.iale2011.org/page.asp?id=11">http://www.iale2011.org/page.asp?id=11</a>. Please submit your application via email to <a href="mailto:iale2011@sina.com">iale2011@sina.com</a> before March 10, 2011.

# **Pre-Congress Training courses**

- Megacity Shanghai Development of Sustainable Urban Environment
- Research Methods and Career Development in Landscape Ecology: Towards A New Synthesis (I & II)
- GUIDOS: Landscape pattern and connectivity analysis
- Spatial Modeling of Forest Landscape Dynamics under Climate Change: Introductions to LANI DIS-II with hands-on training

Please check http://www.iale2011.org/page.asp?id=113 for more information.

#### **Excursions**

A number of Mid- and Post congress excursions have been planned, with highlights of Chinese natural and cultural landscapes, such as the Great Wall, Guilin and the Three Gorges.

Please check http://www.iale2011.org/page.asp?id=102 for more details.

#### **Travel**

As the capital city of China, Beijing has direct flights to most of the big cities in the world. For those who need an invitation letter from the Congress, please send a request to cllan@cashq.ac.cn.

Requirements and forms for China visa: <a href="http://www.travelchinaguide.com/embassy/">http://www.travelchinaguide.com/embassy/</a>

#### **Contact**

Homepage: http://www.iale2011.org

Email: iale2011@sina.com

# Registration fee

http://www.conferencenet.org/conference/iale/reg/reg.htm

Registration Fee:		Non-IALE Members	Students	One day registration	Accompanying Person
Early Registration (paid from Jan.1 to May 31, 2011):	USD 550	USD 650	USD 300	USD 250	USD 350
Standard Registration(paid from Jun.1 to Aug.17, 2011):		USD 700	USD 350	USD 300	USD 350
On-site Registration (paid from Aug. 18 to 23, 2011):	USD 650	USD 750	USD 400	USD 350	USD 350



# CALL FOR PROPOSALS TO HOST IALE WORLD CONGRESS 2015

The International Association for Landscape Ecology (IALE) seeks proposals to host the 2015 IALE World Congress. 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 Scientifc Committee subject to approval by the Executive Committe 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. 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. Opportunities for sponsorship by international, regional and local authorities, research institutions and industry.

4. Plans to secure secretarial/technical support prior to and during the Congress. Support personnel prepare a website for the Congress that receives registrations and contributed talks. Support personnel assist the Scientifc Committee in screening contributed talks and assist the Local Organizing Committee with conference logistics.

The venue for the IALE World Congress 2015 will be chosen by the IALE EC towards the end of 2011.

Please send proposals no later than 31. July 2011 to

Secretary General IALE International Thomas C. Edwards, Jr. USGS Utah Cooperative Fish and Wildlife Research Unit

Department of Wildland Resources Utah State University, Logan, UT 84322-5290 USA t.edwards@nr.usu.edu

# **Bulletin Deadline**

Vol. 29 no.2: June 15, 2011