



# Bulletin

## International Association for Landscape Ecology

### PORTRAITS OF THE NEW IALE EXECUTIVE COMMITTEE

Voting for the IALE Executive Committee was completed in June 2011 and I am pleased to announce the results below.

- President: Felix Kienast, Switzerland (2011-2015)
- Secretary General: Thomas Edwards, USA (2011-2015)
- Treasurer: Ralf-Uwe Syrbe, Germany (2011-2015)
- Bulletin Editor: Benjamin Burkhard, Germany (2011-2015)
- Vice-Presidents: Giovanni Zurlini, Italy (2011-2015)  
Jean Paul Metzger, Brazil (2011-2015)  
Sandra Luque, France (2009-2013, elected 2009)  
Boije Fu, China (2009-2013, elected 2009)

Thirty-four percent of the eligible IALE members voted in the election, a doubling of the number who cast ballots in the previous election. The new Board members will formally assume their positions this August at the World Congress in Beijing, China.

On behalf of the current IALE Executive Committee, I wish to thank all members who voted, especially thank the members who were willing to run for the positions and those retiring members for their efforts in the past. We also wish to acknowledge the work

by Ralf Seppelt (Germany) and Dagmar Bankamp (Germany) for handling the details associated with the election.

Thomas Edwards  
Interim Secretary General

**President  
2011-2015  
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

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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-faceted 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 well-established 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.

#### **Secretary-General 2011-2015**

**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 biodiversity 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.

#### **Treasurer 2011-2015**

**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.

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### 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.

### Bulletin Editor 2011-2015 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 ma-

nagement 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 is distributed three times a year to the members of the IALE. The IALE - International Association for Landscape Ecology was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research. IALE Executive Committee: **President:** K. Bruce Jones 2007-2011, US Geological Survey, 12201 Sunrise Valley Drive, Reston, Virginia, USA, [kbjones@usgs.gov](mailto:kbjones@usgs.gov); **Secretary General:** Thomas C. Edwards, Jr., 5230 Old Main Hill, Logan, UT 84322-5230, USA, [t.edwards@nr.usu.edu](mailto:t.edwards@nr.usu.edu); **Treasurer:** Ralf-Uwe Syrbe 2007-2011, Leibniz-Institut für ökologische Raumentwicklung (IÖR), Weberplatz 1, D-01217 Dresden, Germany, [syrbe@iale.de](mailto:syrbe@iale.de); **Past President:** Bob Bunce 2007-2011; ALTERRA Green World Research, Wageningen UR, Postbox 47, 6700 AA Wageningen, The Netherlands, [bob.bunce@wur.nl](mailto:bob.bunce@wur.nl); **Vice Presidents:** Paul Opdam 2007-2011, Wageningen UR, Landscape Ct., Land Use Planning Group, PO Box 47, 6700 AA Wageningen, The Netherlands, [paul.opdam@wur.nl](mailto:paul.opdam@wur.nl); Diane Pearson 2007-2011, Tropical Spatial Science Group, School of Science & Primary Industries, Faculty of Education, Health & Science, Charles Darwin University, Darwin 0909 Australia, [diane.pearson@cd.u.edu.au](mailto:diane.pearson@cd.u.edu.au); Bojie Fu 2009-2013, Bureau of Science & Technology for Resources & Environment, Chinese Academy of Sciences, 52 Sanlihe Road, Beijing, 100864, P.R. China; Sandra Luque 2005-2009, Cemagref - Institute for Agricultural and environmental engineering research, 2, rue de la papeterie, BP 76, F-38402 St-Martin-d'Hères, cedex, France, [sandra.luque@cemagref.fr](mailto:sandra.luque@cemagref.fr); **Bulletin Editor and Deputy Secretary General:** Felix Kienast 1999-2011, Swiss Federal Institute of Forest, Snow and Landscape Research WSL, Division of Land Use Dynamics, Landscape Modelling, 8903 Birmensdorf, Switzerland, [felix.kienast@wsl.ch](mailto:felix.kienast@wsl.ch); **Chairman of Council:** Bob Gardner 2007-2011, Appalachian Environmental Laboratory, Univ. of Maryland, Center for Environmental Science, Frostburg, MD 21532, [gardner@al.umces.edu](mailto:gardner@al.umces.edu).  
IALE on the Internet: IALE International: [www.landscape-ecology.org](http://www.landscape-ecology.org)



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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.

**Vice-President  
2011-2015**

**Giovanni 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.

**Vice-President  
2011-2015**

**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 Décamp (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

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Ecology, Biological Conservation, Global Environmental Change, Acta OEcologica, Biotropica, Forest Ecology and Management and Ecological Modelling. He has supervised 16 M.Sc. dissertations, 7 doctoral 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.

**Elected in 2009 for four years (for position statements see IALE Bulletin Vol. 27, no. 1)**

**Vice-President  
2009-2013 (elected 2009)  
Sandra Luque**  
Cemagref, France

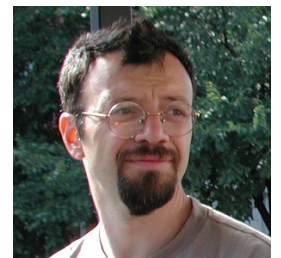


**Vice-President  
2009-2013 (elected 2009)  
Boije Fu**  
Bureau of Science & Technology  
for Resources & Environment,  
China

**Past President  
2007-2011  
Bruce Jones**  
US Geological Survey,  
USA



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



**Thanks to those retiring members for their efforts!**

Bob Bunce  
President 2003-2007 and Past  
President 2007-2011,  
the Netherlands

Diane Pearson  
Vice President 2007-2011,  
Australia



Paul Opdam  
Vice President  
2007-2011,  
the Netherlands



Robert Gardner  
Chairman of Council  
2007-2011,  
USA

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

**Theme**

Landscape ecology for sustainable environment and culture

**Plenaries**

Up to now, seven plenaries have been confirmed: Richard Forman, Paul Opdam, Jianguo Wu, Joan Nassauer, Bob Costanza, Gloria Pungetti and Bojie Fu.

**Symposiums**

Totally 35 symposiums have been confirmed (<http://www.iale2011.org/page.asp?id=99>).

**Training courses**

Four training courses have been determined:

- Megacity Shanghai - Development of Sustainable Urban Environment
- Research Methods and Career Development in Landscape Ecology: Towards A New Synthesis



- GUIDOS: Landscape pattern and connectivity analysis
- Spatial Modeling of Forest Landscape Dynamics under Climate Change: Introductions to LANIDIS-II with hands-on training

**Abstracts**

By now, ca. 750 abstracts have been received, resulting in ca. 550 oral presentations and ca. 150 posters.

**Financial awards**

IALE and China have offered 44 awards to students and young scientists from developing countries.

**Venue**

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

**Excursions**

One-day tours on Aug. 21st:

- City 1: Badaling Great Wall & the Ming Tombs
- City 2: Forbidden City & Hutong by pedicabs
- City 3: Temple of Heaven, the Summer Palace, Beijing Zoo & Capital Museum
- Rural 1: Countryside of Beijing: Ecofarms
- Rural 2: Recovered Yongding River Wetlands - Chuandixia Village - Donglingshan Mountain Forest Landscape
- Rural 3: Wild-duck Wetlands Park, eco-friendly and Clean Watershed, Ming Tombs Fengshui Landscape
- Rural 4: Coast Wetland, Eco-City in Binhaixinqu, Binhaixinqu Urban Landscape

Post-Congress tours from Aug. 23rd:

- PT 1: Golden Triangle: Beijing - Xian - Shanghai (23-27 August, 2011)
- PT 2: China Highlights: Beijing - Xian - Guilin (23-26 August, 2011)
- PT 3: Yangtze River Cruise: Beijing - Chongqing - Yangtze River Cruise - Yichang - Shanghai (23-28 August, 2011)
- PT 4: Hani Terrace Discovery: Beijing - Kunming - Yuanyang - Kunming - Xishuangbanna - Lijiang

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

**Special events**

- Thursday, Aug. 18, 14:00-16:00: Executive committee meeting
- Friday, Aug. 19, 18:00-19:00: URBIO group meeting
- Friday, Aug. 19, 19:00-19:30: IALE council meeting (national representatives and Friday, working group leaders)
- Friday, Aug. 19, 19:45-20:45: General Assembly
- Saturday, Aug. 20, 18:00-21:00: Congress dinner; Social events; Introduction about Travel Grant Awardees; Introduction about the next IALE congress and next IALE EC members.
- Sunday, Aug. 21, whole day: Mid-Congress Excursions
- Monday, Aug. 22, 16:00-17:00: Closing ceremony; Summing up; Transition of the IALE Executive Committee
- Monday, Aug. 22, 17:30-18:30: New Executive committee meeting

**Contact**

Homepage: <http://www.iale2011.org>

Email: [iale2011@sina.com](mailto:iale2011@sina.com)

**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.

The minimum requirements for proposals are published on the website:

<http://www.landscape-ecology.org/meeting.html>

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](mailto:t.edwards@nr.usu.edu)

**Bulletin Deadline**

Vol. 29 no.3: September 15, 2011

PLEASE: Send your contributions to the new  
Bulletin Editor Benjamin Burkhard  
[bburkhard@ecology.uni-kiel.de](mailto:bburkhard@ecology.uni-kiel.de)