



Bulletin

International Association for Landscape Ecology

IALE WORLD CONGRESS 2007

ORGANISED SYMPOSIA

A first overview of the organised symposia is given below. For further details see www.iale2007.com/OrganisedSymposia.htm.

Globalisation

1. Globalisation and the sustainability of agricultural landscape systems

Urban systems and infrastructure

2. Effects of roads and traffic on wildlife populations and landscape function
3. Beyond growth? Scientific and policy strategies for non growing and shrinking urban landscapes
4. Applying landscape ecological principles in urban environments

Fragmentation and ecological linkages

5. Ecological infrastructure: theory and application
6. Forest fragmentation and biodiversity loss: The forgotten native forests
7. Landscape genetics: testing landscape effects on gene flow

Landscapes, rivers and wetlands

8. Landscapes and rivers
9. Biogeochemical hotspots in a landscape context: implications for catchment water management

Monitoring and mapping

10. Monitoring at the landscape scale

Landscape management and landscape change

11. Alternative principles for landscape management
12. Land abandonment
13. Identification, assessment and management of landscape changes

Consequences and impact of climate change

14. Effects of climate change on fragmented landscapes
15. Consequences of climate change for freshwater wetlands
16. Landscape ecology of energy

Design and modeling of sustainable landscapes

17. The scientific basis of design for landscape sustainability
18. Coupling science and decision making in landscape sustainability: thresholds, models, and prediction
19. Landscape planning: Building the evidence base and creating the vision

Cultural landscapes

20. Landscape diversity and biological diversity cultural landscapes (Europe)
21. Mountain landscapes

IALE 2007
25 years Landscape Ecology:
Scientific Principles in Practice
Wageningen, The Netherlands 8-12 July

This world congress of the International Association for Landscape Ecology will offer:

Plenary sessions on
-Landscape Ecology in agriculture, forestry, urban areas and wetlands
-Perspectives for the future

Symposium and workshop e.g.:
-Impact of globalisation
-Climate change and energy crops
-Landscape functions and design
-Fragmentation and connectivity

Certified intensive courses on:
-Spatial statistics
-Sustainability and landscape planning
-Wetlands

Congress excursions e.g.:
-River rehabilitation
-Nature and van Gogh
-North Sea dunes
Post congress excursions e.g.:
-Belgian heathlands
-Amsterdam
-Wadden sea



www.iale2007.com

Special sessions

22. The young Landscape Ecologist

Assessment of landscape character and landscape change

23. Concepts and methods of landscape change assessment
24. Land use changes and ecological impacts
25. Advances and applications of landscape character mapping

Species and Landscape structure

26. Animals on thermal landscapes

IALE FINANCIAL REPORT 2005

The year 2005 has been a year in which the preparation of the 2007 Congress has started.

In general, the development of membership and fee payment went well. The number of members increased especially in central Europe (Slovakia), Asia (China) and Latin America (Brazil). The number of members increased from 1582 in December 2004 to 1692 in December 2005. A further increase is expected in 2006 as in the end of 2005 the Argentinean and Brazilian chapters have been founded.

The increase in membership in low and middle income countries requires a decision on the fee structure at the World Congress of 2007 as the majority of high income members is changing into a more balanced membership. A proposal will be sent to the regions in the next months.

The publications have still cost more than they raised income. There is a negative balance of € 800. However for a starting activity this is not too bad. The publications strategy should therefore be better integrated into the general IALE activities and the best addresses for printing and mailing should be explored further.

The directory has been produced much cheaper than the years before as the formats provided to the regions have been better used. This reduced working time in changing different excel formats into one comparable format.

The costs for the executive committee were mainly travel costs and hotel costs for the meetings that have been held. Costs have been restricted as much as possible by combining meetings with congresses and because EC member institutions have provided support.

Major expenses have occurred for startup for the IALE 2007 congress. Therefore, a significant budget (€ 15.500) from the savings account has been used. First actions have been taken such as claiming a website, starting the website, designing a logo and hiring an organisation bureau for logistic support.

Unfortunately the African congress scheduled for July 2005 had to be cancelled. The expenses spent there have to be calculated as a loss. Next actions in Africa have to be planned in a different way with a stronger base in Africa as it has been done in Latin America. However, as there is only a weak scientific infrastructure, the dependency from support from abroad will remain for longer periods. The European congress in Faro did have a positive balance and they paid back the funds that were invested in this congress. The intention is for the same to occur after the IALE 2006 congress.

The number of subscriptions to Landscape Ecology through IALE tends to rise slowly. A discussion has been started to allow individuals on-line subscriptions, but progress depends on actions from both the publisher (Springer) and IALE. In 2006 new negotiations will be started.

The budget for the regions has been used this year to support the founding of the Argentinean region, the Brazilian region and to support travel of a guest speaker in a meeting of the Australian region.

Wageningen 11-5-2006
Rob Jongman, treasurer

Spending account 2005	
Budget 1-1-2005	€ 587,81
Income:	
fee 2005	€ 26.028,32
Congresses	€ 2.608,30
from Savings	€ 15.500,00
Total	€ 44.724,43
Spending:	
publications	€ 810,76-
directory	€ 1.428,00-
bulletin	€ 491,25-
executive committee	€ 4.623,79-
IALE2007	€ 18.843,60-
subscriptions Landscape Ecology	€ 6.751,30-
administration, membership registration,	
office management	€ 3.661,86-
banking and interest account	€ 207,08-
working groups and regions	€ 2.816,70-
website management	€ 2.552,55-
representation	€ 30,00-
Total	€ 42.216,89-
Budget Spending account 31-12-2005	€ 2.507,54
Savings	
starting capital 1-1-2005	€ 38.017,76
interest 2004-2005	€ 788,30
taken 2005	€ 15.500,00-
Savings total	€ 23.306,06
Total Budget 31-12-2005	€ 25.813,60

Budget account 2006	
Budget 1-1-2006	€ 2.507
Income:	
fee 2006	€ 25.000
Dutch Academy of Sciences (loan for the congress)	€ 12.500
Total	€ 40.007
Spending:	
publications	€ 500
directory	€ 1.000
bulletin	€ 500
executive committee	€ 6.000
IALE2007	€ 16.000
subscriptions Landscape Ecology	€ 7.000
administration, membership registration,	
office management	€ 4.000
banking and interest account	€ 800
working groups and regions	€ 1.000
website management	€ 2.500
Total	€ 39.300
Budget Spending account 31-12-2006	€ 707
Savings	
starting capital 1-1-2006	€ 23.306
interest 2005-2006	€ 600
Savings total	€ 23.906
Total Budget 31-12-2006	€ 24.613

COURSES

October 2-8, 2006

Environmental and Landscape Change: Addressing an Interdisciplinary Agenda. International PhD master class, University of Aberdeen and Macaulay Institute, Aberdeen, Scotland, UK

This course offers opportunities for PhD students to be exposed to and actively discuss approaches from the natural and social sciences to the humanities with a team of international experts in environmental and landscape change. In recent decades the speed of environmental and landscape change has accelerated and human induced change has reached higher impacts. Processes of change are investigated by many different disciplines; however, due to the interrelatedness of natural and human systems, environmental and landscape change need to be researched with an integrative (interdisciplinary and transdisciplinary) effort. The course will specifically address the challenges facing students who wish to integrate knowledge across disciplinary boundaries and between knowledge communities. Techniques for overcoming practical and theoretical problems will be presented by the course teachers and discussed in relation to the concrete projects of the participants.

The PhD master class has three main objectives:

- 1) It will discuss latest research on environmental and landscape change and present techniques for overcoming practical and theoretical problems in the concrete projects of the PhD students.
- 2) It will train skills on how to integrate knowledge across disciplinary boundaries and between knowledge communities in order to address environmental and landscape change,
- 3) It will help to individually prepare and submit a paper for publication in an international peer-reviewed publication.

PhD students from all countries that are involved in projects addressing environmental and landscape change are invited to participate. The course will focus on PhD students who are at least in their second year of study. The participation is limited to 25 students.

Deadline for registration: July 15th, 2006

More information: <http://www.intels.cc/phd>

October 1-8, 2006

Human Security: People - Homes - Infrastructure. GMOSS Summer School, Salzburg, Austria.

The course has been designed to support training and capacity building of the next generation of decision makers and planners, and is intended for young researchers and professionals working in the security domain. Participants are expected to build knowledge and acquire skills in a range of areas critical for successful work in security applications.

Deadline for registration: July 21th, 2006

More information: <http://www.sbg.ac.at/zgis/gmoss/ss2006/>

October 1-12, 2006

Regional Potentials for Renewable Energy Generation. ENERegion Summer School, Salzburg, Austria.

This year's summer school is dedicated to the theme of modelling and management of spatial resources for sustainable energy generation. In order to lessen the increasingly problematic dependence on fossil fuels, regions need to take responsibility for their own energy supplies. As many renewable energy sources more or less directly convert solar energy, large areas in the future will have to be set aside or at least under combined uses to support our energy needs. This means that regional planning will have to explicitly account for energy generation. Depending on a region's characteristics and energy needs various combinations of renewable energy sources will be used.

Participants will focus on using Geographic Information Systems and Spatial Analysis techniques to model spatial patterns of demand as well as regional potentials of solar thermal and photovoltaic, wind, biomass, geothermal and hydropower resources.

One major focal area will be the development of GIS-based models for demand forecast as well as for spatial distribution / regional potentials for energy generation.

Deadline for registration: July 21th, 2006

More information: <http://www.sbg.ac.at/zgis/ss06/>

The IALE Bulletin is distributed six times a year to the members of the IALE. The IALE - International Association for LandscapeEcology- was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research. IALE Executive Committee: **President:** Bob Bunce 2003-2007, ALTERRA Green World Research, Wageningen UR, Postbox 47, 6700AA Wageningen, The Netherlands, bob.bunce@wur.nl; **Secretary General:** Marion Potschin 2003-2007, School of Geography, University of Nottingham, Nottingham NG7 2RD, Marion.Potschin@nottingham.ac.uk; **Treasurer:** Rob Jongman 1995-2007, ALTERRA Green World Research, Wageningen UR, Postbox 47, 6700AA Wageningen, The Netherlands, Rob.Jongman@wur.nl or rob.jongman@planet.nl; **Past President:** Richard J. Hobbs 2003-2007, School of Environmental Science, Murdoch University, Murdoch, WA 6150, Australia, rhobbs@essun1.murdoch.edu.au; **Vice Presidents:** Louis R. Iverson 2003-2007, USDA Forest Service, 359 Main Rd., Delaware, OH, 43015, USA, liveron@fs.fed.us; Nobukazu Nakagoshi 2003-2007, Hiroshima Univ., Dept of Environmental Studies, 1-7-1 Kagamiyama, Higashi-Hiroshima 739-8521, Japan, nobu@hiroshima-u.ac.jp; Maria Kozova 2005-2009, Comenius University in Bratislava, Faculty of Natural Sciences, MI. dol. B-2, 842 15 Bratislava 4, Slovakia, kozova@fns.uniba.sk; 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; **Bulletin Editor and Deputy Secretary General:** Felix Kienast 1999-2007, Swiss Federal Institute of Forest, Snow and Landscape Research, Division of Landscape Dynamics and Management, 8903 Birmensdorf, Switzerland, felix.kienast@wsl.ch; **Chairman of Council:** Jesper Brandt 1995-2007, Roskilde University, P.O. Box 260, DK 4000 Roskilde, Denmark, brandt@ruc.dk.

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

MEETINGS

August 22-25, 2006

XI Landscape conference on Landscape Studies – theory, methods, regional studies, practice. Moscow Lomonosov State University, Moscow, Russia

More information: http://www.landscape-ecology.org/events/Landconf_first_circular_Moscow.doc

September 5-8, 2006

Water and the Landscape: The Landscape Ecology of Freshwater Ecosystems. 14th IALE(UK) Annual Conference. Oxford, UK.

This conference aims to bring about the integration of the disciplines of freshwater and landscape ecology, to encourage the consideration of all types of waterbody and their interactions with landscapes. Presentations will begin on the afternoon of Tuesday 5th September and continue until the evening of Thursday 7th September. There will be a field trip on Friday 8th September to local sites including the renowned Otmoor nature reserve of wet meadows and reedbeds and to the Lye Valley, one of the best recorded examples of calcareous valley fen in southern England and a Site of Special Scientific Interest. Evening activities will include a drinks poster reception, a Ceilidh and an opportunity to visit historic pubs in Oxford.

More information (incl. booking form): <http://www.iale.org.uk>

September 11-15, 2006

36th Annual Conference of the Ecological Society of Germany, Switzerland and Austria (GfÖ). Bremen, Germany

More information: <http://www.gfoe-bremen-2006.de/>

September 26-29, 2006

Patterns and Processes in Forest Landscapes: Consequences of Human Management. IUFRO 8.01.03 Landscape Ecology – Conference. Locorotondo, Bari, Italy

More information: <http://www.greenlab.uniba.it/events/iufro2006>

October 4 - 7, 2006

Implementation of Landscape Ecology in the new and changing conditions. 14. Int. Symposium on Problems of Landscape Ecological Research. Slovak Academy of Sciences, Stara Lesna, High Tatra Mts., Slovakia

More information: <http://www.uke.sav.sk/>

November 13-14, 2006

NatureProtection: GIS. International Symposium on Geoinformatics in European Nature Protection Regions. Dresden, Germany

More information: <http://www.natureprotection-GIS>

February 19-21, 2007

Riparian Management in Headwater Catchments: Translating Science into Management. University of British Columbia, Vancouver, Canada

Headwater streams have been increasingly recognized as important sources of water, energy, nutrients and organic matter to downstream reaches, as well as being valuable habitats in their own right. However, these systems are generally provided little or no protection from land uses such as forest harvesting in the form of forested buffer strips, primarily due to economic or logistical arguments. Foresters and ecosystem managers are increasingly under pressure as to how to trade off the protection of the ecological value of headwater streams and their riparian zones against the economic values derived from forestry.

The goal of this conference is to bring together researchers studying the hydroecological responses to alternative riparian management approaches and practitioners charged with managing forestry activities in headwater systems. The ultimate goal is to explore the range of approaches potentially available to managers and their efficacy in meeting ecosystem management objectives.

This conference will be of interest to physical and biological scientists interested in headwater hydroecology and terrestrial ecology of riparian zones, as well as foresters and aquatic resource managers.

A formal call for abstracts will be issued in September 2006.

More information: <http://faculty.forestry.ubc.ca/richardson/RiparianManagementConference.htm>

May 22-27, 2007

Eco Summit 2007. Ecological complexity and sustainability: challenges and opportunities for 21st-century's ecology. Beijing, China

More information: <http://www.ecosummit2007.elsevier.com/>

Get connected with the world of landscape ecology:
THE US-IALE DISCUSSION LIST

IALE International encourages you to exchange news and information relevant to Landscape Ecology in the USIALE-L discussion list. It is a public forum: anyone can subscribe and participate in the discussion group. The USIALE-L list is sponsored by the United States section IALE and is maintained at the University of Rhode Island's Academic Computing Center.

For more information and an instruction manual see
<http://www.usiale.org/listserv.htm>

Bulletin Deadlines

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