



Bulletin

International Association for Landscape Ecology

IALE WORLD CONGRESS 2003 IN AUSTRALIA

The conference secretariat (Convention Catalysts Int.) is open. You can register as follows:

- directly via <http://www.iale.ntu.edu.au/registration.html>
- via downloaded registration form (<http://www.wsl.ch/land/iale/bulletin.htm>, attachment to the Bulletin No. 20.6, December 2002 or directly via ftp: ftp://ftp.wsl.ch/pub/kienast/iale/darwin_registr.pdf)

A **registration brochure** of the congress can be downloaded (<http://www.wsl.ch/land/iale/bulletin.htm>, attachment to the Bulletin No. 20.6, December 2002 or directly via ftp: ftp://ftp.wsl.ch/pub/kienast/iale/darwin_program.pdf)

IALE 2003
Crossing Frontiers –
Landscape Ecology Down Under
Building Bridges Between Cultures, Disciplines and Approaches



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NOMINATIONS FOR THE EXECUTIVE COMMITTEE OF IALE

Bert Harms (w.b.harms@alterra.dlo.nl), on behalf of the Nominating Committee

During the next World Congress in Darwin (13 -17 July) a new Executive Committee (EC) will be elected. The current EC has appointed a Nominating Committee. The following candidates have been nominated for the positions of the EC. CV's of the candidates are listed below.

- **President:** *Bob Bunce*, Alterra, Wageningen, The Netherlands
- **Vice President:** *Louis Iverson*, USDA, Delaware, USA
- **Vice President:** *Nobukazu Nakagoshi*, Hiroshima University, Japan
- **Secretary-General:** *Vacant*
- **Treasurer:** *Rob Jongman*, Alterra, Wageningen, The Netherlands
- **Bulletin Editor:** *Felix Kienast*, WSL, Birmensdorf, Switzerland

Other candidates, especially for the vacant position of Secretary-General, are invited to send their nomination to the present Secretary-General, Mike Moss (mmoss@uoguelph.ca). Nomination should be supported by at least two IALE-members

members and signed by the candidate.

CVs of candidates:

Bob Bunce completed his PhD in 1965 at UCNW Bangor on the Ecology of Mountain Cliffs. The thesis involved applying multivariate statistics to vegetation data and utilised the first computer to arrive at the University in 1964. This experience formed the foundation for his future work. In 1966 he started work at Merlewood Research Station, for what was then the Nature Conservancy, later to become ITE and eventually CEH. For two years he worked on forest biomass production before becoming a member of a team involved in the survey and classification of woodlands. In 1971 he led the woodland survey of Great Britain, the first project to involve the principles of stratified random sampling for surveillance and monitoring of ecological resources, that was later developed for landscape ecological objectives. In 1974 he applied these principles at a regional scale, using an environmental classification and subsequent field sampling.

...continued from p. 1 (IALE Nominations)

The first national survey in 1978 produced national estimates of vegetation, habitats and landscape features and provided for the first time an integrated picture of their extent in Britain. The results were subsequently used in a variety of modelling exercises at the landscape level. The approach became the Countryside Survey of Great Britain, with repeat samples in 1984, 1990 and 1998, tracking the changes not only in the quantity, but also the quality, of the initial survey parameters, but also now including freshwater biota, soils birds and socio-economic factors.

In 2000 Bob retired from CEH and moved to Alterra, where he has become coordinator of two major European Union projects. He has also been developing, with colleagues, an Environmental Classification of Europe at a one km square scale. This classification will be used to assess ecosystem vulnerability and will provide a framework for habitat and biodiversity surveillance and monitoring at a European level.

He attended the first major IALE meeting at Veldhoven in 1981 and progressively became committed to the cause of Landscape Ecology, especially after the meetings at Roskilde and Münster. In 1992 he helped form IALE (UK) and has remained as chairman. He has also been involved in the formation of the Swedish, Austrian and Spanish chapters. His ideas for the post of president are:

- to build on the strengths of the current organisation developed from the previous commitment of the International Committee
- to encourage further collaboration between IALE members through joint meetings of different IALE chapters
- to promote Landscape Ecology outside its current core regions
- to extend the publishing base of IALE to especially encourage young scientists to become involved in IALE activities
- to advance the application of landscape ecological principles to major environmental problems
- to maintain IALE as the most friendly and enjoyable international science organisation in existence

Louis Iverson is a Research Landscape Ecologist with the United States Department of Agriculture's Forest Service (in Delaware, Ohio, USA), and an Adjunct Professor with the Ohio State University. He has been with the Forest Service since 1992. Prior to that, he worked for the Illinois Natural History Survey and University of Illinois from 1982-1992. Throughout his career, he has used GIS, remote sensing, and statistics as tools to gain understanding of the ecology of landscapes. These studies have ranged in scale from hillsides to the globe. Current studies include the potential effects on climate change on North American forests, and the use of prescribed fire to restore oak communities in Ohio. Further research details are available at <http://www.fs.fed.us/ne/delaware/4153/4153.html>. Involvements with IALE include: current book review editor for Landscape Ecology, and past president, treasurer, and program chair for the US Regional Chapter of IALE, along with various committees at both the regional and international level.

Nobukazu Nakagoshi: Bachelor of Science (Biology and Ecology), Hiroshima University, 1974; Master of Science (Plant Ecology), Hiroshima University, 1976; Doctor of Science (Plant Ecology), Hiroshima University, 1979.

Doctoral study: Soil seed banks in temperate forests.

Professional career: Research Assistant for ecology, Hiroshima University 1979-1985; Lecturer in Biology and Ecology, Hiroshima University, 1985-1990; Associate Professor for Ecology, Hiroshima University, 1990-1996; Professor for Ecology (Landscape Ecology), Graduate School of Hiroshima University, 1997-Present.

IALE activities: Secretary General of IALE-Japan, 1991-1999; Vice President of IALE-Japan, 2000-2002; President of IALE-Japan, 2002-Present.

Academic interests: Watershed Management, Cultural Landscape, EIA, Vegetation Dynamics, Environmental Engineering, biodiversity conservation.

Governmental committees: Ministry of Construction (Landscape Planning), Ministry of Environment (EIA, state GIS project), Agency for Cultural Affairs (cultural Landscape and Plants).

The IALE Bulletin is distributed six 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:** Richard J. Hobbs (CSIRO Wildlife and Ecology, Private Bag, P.O., Wembley WA 6014, Australia), tel +61 8 9333 6442 fax +61 8 9333 6444 email Richard.Hobbs@per.dwe.csiro.au; **Past President:** John A. Wiens (USA), email jaws@lamar.colostate.edu; **Vice Presidents:** Duning Xiao (China), email ldnscp@iae.syb.ac.cn; Kathryn Freemark (Canada), email kathryn.freemark@ec.gc.ca; Margareta Ihse (Sweden), email ihse@natgeo.su.se; Francoise Burel (France), email francoise.burel@univ-rennes1.fr; **Secretary General:** Michael Moss (Faculty of Environmental Sciences, University of Guelph, Guelph, Ontario, N1G 2W1 Canada), tel +1 519 824-4120 ext.4800 fax +1 519 763-4686 email mmoss@uoguelph.ca; **Bulletin Editor and Deputy Secretary General:** Felix Kienast (Swiss Federal Institute of Forest, Snow and Landscape Research WSL, CH-8903 Birmensdorf, Switzerland), tel +41 1 739 23 66 fax +41 1 737 40 80 email felix.kienast@wsl.ch; **Treasurer:** Rob Jongman Alterra, Green World Research, PO Box 47, 6700 AA Wageningen, The Netherlands, tel +31 317 474626 fax +31 317 41900 email R.H.G.Jongman@Alterra.wag-ur.nl

IALE on the Internet: IALE International: <http://www.iale.ws>

Rob Jongman is an experienced co-ordinator of landscape-related projects. He has been a member of IALE since 1982. In the last twelve years he specialized in the analysis of ecological networks and corridors and in ecological planning. He is involved in a number of international projects and is the author of an overview of landscape planning and nature conservation activities in Europe. During four years he was seconded at the European Centre for Nature Conservation (ECNC1994-1997) focusing on the Pan European Ecological network.

He serves the International Association for Landscape Ecology (IALE) as a treasurer and is ready to run for one additional term. Finances appeared to be more challenging than initially thought, but Rob can be proud of his achievements as a treasurer: IALE is financially sound and the the organisation is stronger than ever before and capable of supporting researchers and students all over the world (see IALE programs 2003). Finances are a key issue and it is important to have a reliable treasurer who takes care of procedures and deadlines and sends out payment orders and reminders. This duty is not the most attractive for a researcher but it has to be done with care and inspiration.

Felix Kienast is head of the Section Landscape Dynamics and Spatial Development at the Swiss Federal Institute for Forest, Snow and Landscape Research (WSL). He obtained a University degree in Geography and did a PhD in Dendroecology. Afterwards he specialized in GIS-assisted landscape and vegetation modeling, environmental risk analysis and spatial modeling. He is program manager of various mapping projects that aim at simulating vegetation and landscape dynamics of mountainous landscapes by means of computer models. Since 1991 his activities have included landscape perception studies, lay assessments of landscape changes and public acceptance studies.

Prior to coming to WSL he spent several years at Oak Ridge National Laboratory, USA, and was involved in various systems-ecology studies. Felix Kienast is Adjunct Professor at the University of Bern.

Member of editorial boards: Landscape Ecology, Environmental Management

International Associations: Regional representative of the International Association for Landscape Ecology (IALE).

IALE activity: Felix Kienast generates the IALE Bulletin 6x a year. He is eager to publish an up-to-date newsletter that does not only cover IALE-internal communication but also new scientific trends in landscape related research (headline article).

IALE PROGRAMS FOR 2003

from the Secretary-General Mike Moss
(mmoss@uoguelph.ca)

New regional chapter "set up" fee: On an individual basis, and with the approval of the Executive, the Treasurer will provide the new organization with limited set-up fees.

These fees are to cover costs of establishing new regional organizations - such as promoting a first meeting (announcements, meeting organizers costs etc.). There is no deadline for submission of requests, which should be made directly to the Treasurer (R. Jongman). The IALE Executive has set aside a sum of Euro 1000 to cover these costs for 2003. The effectiveness of this program will be reviewed after one year of operation.

Return of 10% of registration fees: Each established regional chapter may obtain a return of 10% of registration fees submitted to IALE by its members upon receipt, by the Secretary-General, of an annual report outlining all activities in the calendar year. The intent of this reimbursement is to support continuing activities and promote initiatives by the regional chapter. Reports should be submitted to the Secretary-General by December of each year.

Support of PhD students: IALE has allocated Euro 10000 to support a limited number of Ph.D. students, in particular those from countries in Asia, Africa, Latin America, and eastern Europe who are registered members of IALE, to assist in enabling them to attend the 2003 World Congress in Darwin, Australia. Requests should be received by March 31st, 2003, and should be submitted directly to the President (Richard Hobbs) who will liaise with the Organizing Committee for the Congress. Persons receiving this financial support will be informed by April, 30th., 2003.

Visiting Speaker Program: IALE will provide, up to Euro 3000 annually, to one established regional chapter in Eastern Europe in order to develop a visiting speaker program. This program is aimed at those countries with established high rates of interest and local membership numbers in Landscape Ecology, but where there is little or no ability to pay the reduced IALE membership fee rate on an individual basis. The intent of this program is to provide contact with the international Landscape Ecology community. A regional chapter may receive only one of these annual awards in any 4-year period. Regions should submit proposals to the Executive, via the Secretary-General by May 31st., 2003. The successful region will be announced at the Congress in Darwin. Proposals should outline the program, the names of the visiting speaker(s), the locations (one or more) where visiting speakers will participate etc. Proposals should clearly state the level of in-country support (for internal travel, accommodation etc. for the visiting speakers) and also the extent to which other funding sources (eg. through UNESCO etc.) are being sought.

IALE SWEDEN NOW ON-LINE: Sweden has its own Web Portal. Please check it out at: http://www.geo.su.se/foreningar/iale_sweden/

MEETINGS

October 24-26, 2003

Landscape Ecology, Land Use Planning and Nature Conservation, Évora, Portugal

Organization: Centro Estudos Ecosistemas Mediterrânicos.
Information and registration: Teresa Pinto-Correia:
mtpc@uevora.pt

June 19-21, 2003

Lake Shores: Ecology, Quality Assessment, Sustainable Development, Univ. of Constance, Konstanz, Lake Constance, Germany

The shores of many lakes are favorite areas for settlement, industries, transport facilities and recreational activities. A sound scientific background is needed to develop strategies and techniques for sustainable development in these areas. We invite a broad range of scientists, practitioners and managers to join our conference.

More information: lakeshores2003@uni-konstanz.de or download flier (<http://www.wsl.ch/land/iale/bulletin.htm>, attachment to the Bulletin No. 20.6, December 2002 or directly via ftp: <ftp://ftp.wsl.ch/pub/kienast/iale/lakeshore2003.pdf>)

September 30 – October 3, 2003

13th International Symposium on Problems of Landscape Ecological Research: „Landscape Ecology – an International Integrating Tool in Environmental Issues“, Institute of Landscape Ecology SAS, Slovak Republic

The main topics of the symposium:

- New Experience and Trends in Landscape Ecology and Environmentalistics
- Environmental Education and Training
- Application of New Knowledge in Landscape Ecology and Environmentalistics in Practice
- Integration Programmes of EU Members and Accession Countries

The symposium includes plenary sessions, poster sessions and an excursion to the historical viticultural regions of Slovakia.

More information and registration: <http://www.uke.sav.sk> or Symposium.2003@savba.sk

April 4, 2003

Biogeography and GIS: New Developments and Future Applications, the University of Brighton, Great Britain.

The Biogeography Research Group (BRG) of the Royal Geographical Society is seeking to raise interest in biogeographical research with a series of workshops on topical issues in the realms of biogeography, landscape ecology, and ecology. Participation by younger researchers (e.g. post-graduates) and practitioners is particularly welcomed. The workshops will be held in an informal atmosphere to promote interaction and participation.

This inaugural meeting will provide ample opportunity to discuss and explore relevant issues in the developing field of biogeographical and ecological applications of GIS. The workshop will include oral presentations from two invited key speakers, oral presentations, poster presentations, and a forum session. Registration fees £30 non-members and £25 students/members. Post-graduate participants may be eligible for financial support. Registration deadline 28th February 2003. Registration forms can be obtained from (dawn.scott@brighton.ac.uk) or obtained via the BERG website at:

<http://www.brighton.ac.uk/environment/RESEARCH/BERG/>

If you would like to submit a paper, either as an oral presentation or poster, please submit a 100 word abstract to Dr Dawn Scott at Dawn.Scott@brighton.ac.uk (Tel. 01273 642099). Submission deadline 31st January 2003. If you require further details, contact either Dr Dawn Scott or Dr Niall Burnside (N.G.Burnside@brighton.ac.uk, Tel. 01273 642425).

NEW LANDSCAPE BOOK

Interdisciplinary and transdisciplinary landscape studies: Potential and limitations; by Bärbel Tress, Gunther Tress, Arnold van der Valk & Gary Fry (Editors). Delta series 2, Wageningen 192 pp. ISBN 90-807637-1-3, February 2003: EUR 14,- / USD 14,- (+ shipping)

Landscape researchers and managers are often asked to help solve environmental and societal problems. Thus they have to develop interdisciplinary and transdisciplinary skills. Interdisciplinary research creates new knowledge by integrating people from the humanities, social sciences, and natural sciences. Transdisciplinary research adds an extra level of integration by involving non-academic stakeholders. This book describes the opportunities and limitations of these approaches. It discusses the expectations of policy-makers, funding bodies, stakeholders and scientists, and explores problems, successes, the need for specialist training and the development of evaluation criteria. More information and book order at <http://www.wur.nl/delta/series2.html>.