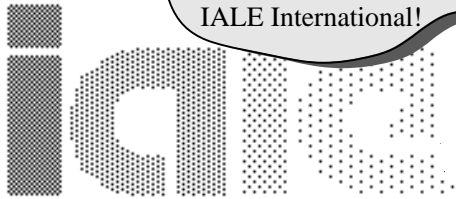


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all issues available as pdf-files at  
<http://www.wsl.ch/land/iale/bulletin.htm>



# Bulletin

## International Association for Landscape Ecology

### FROM THE IALE - PRESIDENT

by Richard Hobbs

Greetings to all IALE members, and best wishes for 2001. 2000 was a busy year in landscape ecology, with numerous meetings and events, and I hope that there will be even more activity in 2001.

In September, we had an IALE Executive meeting in Bangor, UK, after the IALE(UK) conference. At this meeting we set in train a number of initiatives which we hope will provide more benefits for members and facilitate communication across the large and somewhat diffuse association. The perennial problem in IALE is that it is a large and diffuse organization with relatively few funds to draw on. Fortunately, we now have a slightly better funding base thanks to income from the Snowmass Congress. Initiatives discussed include:

- upgrading the IALE website, including setting up a web domain
- electronic distribution of the Bulletin to all members with email
- Support for young scientists (for visits, short courses etc)
- Visiting speakers program (to promote inter-regional communication)

More details on these later.

We also discussed problems experienced by members in relation to the journal *Landscape Ecology* – I hope these have now been fixed, but if members continue to have problems with receipt of the journal, keep letting us know, via Rob Jongman.

I am also happy to announce that IALE has reached agreement with Cambridge University Press to mount a *Landscape Ecology Series*. The details of this are still being

finalized, but John Wiens will be Editor of the series, backed up by an editorial board. The series will aim to encourage the publication of high quality material in *Landscape Ecology*, and suggestions for possible books are welcome: contact John in the first instance ([jaws@lamar.colostate.edu](mailto:jaws@lamar.colostate.edu)).

Next year the European Congress (Development of European Landscapes) is scheduled for 3-6 July which runs in Stockholm and Tartu (Estonia), with a ferry ride between the two locations. Details of this meeting can be found at: <http://www.geo.ut.ee/IALE2001/> In addition, there is an Asia-Pacific Region conference scheduled in China for 22-25 September (details from [Landscape2001@sina.com](mailto:Landscape2001@sina.com)).

Then the next IALE World Congress is scheduled for 13-17 July 2003, and will be held in Darwin in northern Australia. This promises to be a great conference, in a great location, and we hope to see you there! For more information on the Congress, Darwin and the Northern Territory, see

<http://www.ntu.edu.au/faculties/science/sbes/iale-oz/worldcongress.html>

<http://www.nttc.com.au/>



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## LANDSCAPE ECOLOGY IN CHINA

by Xiao Duning

Landscape Ecology was introduced into China in early 1980s. Research work was first conducted in the mountains and Loess Plateau and then later in suburban areas. Many scientific projects and papers on these subjects have appeared since then. So far more than 500 papers and books on Landscape Ecology have been published, about 30 of which are in English, with study areas ranging from natural landscapes like forest and wetlands, to agricultural and urban landscapes. The *major papers* are available as pdf-file together with this IALE Bulletin under <http://www.wsl.ch/land/iale/bulletin.htm>. Three national conferences (1989, 1996 and 1999) and one international conference have been organized, which greatly accelerated Landscape Ecology research in China. The IALE-China branch was established in 1996. Its 200 members are mainly from the Institute of Applied Ecology, and the Research Center for Ecology and Environment (both of which belong to the Chinese Academy of Sciences), along with other members from Beijing and Yunnan Universities. Apart from these organizations, other organizations that can provide high level landscape ecological education include the Beijing Forestry University, Eastern China Normal University, Institute of Geography and Resources, CAS, etc. According to the specific situation of China, with its extensive area, large population, and long history of agriculture, landscape ecologists in China have mainly focused on the cultural-natural landscapes as well as managed landscapes, while paying more attention to ecological construction at landscape and regional scales. Along the coast in Eastern China, rapid economic development in the last 20 years has created many problems. Landscape changes in this area are closely related to land-use transformation. In the delta regions such as Pearl River Delta, Yangtze River Delta, and area around Bohai sea,

the rapid urbanization and industrialization have put great pressure on the environment. Many research projects are focused on this area, in an effort to ease development pressures through rational landscape planning. Since the year 2000, the Chinese government has launched a new policy to quicken development steps in western China, emphasizing ecological construction in arid and erodable regions. In the near future, other ecological projects will focus on catchment basins, oases and desertification. We believe that the development of landscape ecology should keep us with national development, so that more support can be obtained. At least this should hold true in developing countries like China.



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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 [rhobbs@essun1.murdoch.edu.au](mailto:rhobbs@essun1.murdoch.edu.au); **Past President:** John A. Wiens (USA), email [jaws@lamar.colostate.edu](mailto:jaws@lamar.colostate.edu); **Vice Presidents:** Duning Xiao (China), email [ldscp@iae.syb.ac.cn](mailto:ldscp@iae.syb.ac.cn); Kathryn Freemark (Canada), email [kathryn.freemark@ec.gc.ca](mailto:kathryn.freemark@ec.gc.ca); Margareta Ihse (Sweden), email [ihse@natgeo.su.se](mailto:ihse@natgeo.su.se); Françoise Burel (France), email [francoise.burel@univ-rennes1.fr](mailto: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](mailto: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](mailto:felix.kienast@wsl.ch); **Treasurer:** Rob Jongman (WAO, Department of Physical Planning and Rural Development), Gen. Foulkesweg 13, 6703 BJ Wageningen, The Netherlands, tel +31 317 483 713 fax +31 317 482 166 email [R.H.G.Jongman@Alterra.wag-ur.nl](mailto:R.H.G.Jongman@Alterra.wag-ur.nl)

IALE on the Internet: IALE International: <http://www.crle.uoguelph.ca/iale/>

## THE CONFERENCE TO THE ARTICLE ON PAGE 2: 2<sup>ND</sup> IALE ACIA-PACIFIC REGION CONFERENCE: CALL FOR PAPERS

**Theme: Landscape Change and Human Activity**  
**Location: Lanzhou, China, Sept. 22-25th, 2001**

*Jointly organized by:*

IALE-China; IALE-Australia; Cold and Arid Regions Environmental & Engineering Research Institute, CAS

*Organizing Committee:*

Xiao Duning, Institute of Applied Ecology, CAS, China (Chair person); Richard Hobbs, Murdoch University, Australia (Chair person); Cheng Guodong, Cold and Arid Regions Environmental & Engineering Research Institute, CAS; Fu Bojie, Research Center for eco-Environmental Sciences, CAS, China; Cui Haiting, Beijing University, China; Yang Yiguang, Yunnan University, China; Wang Gang, The State Key Laboratory of Arid Agriculture, Lanzhou University, China.

*Objectives and Topics:*

The aim of the conference is to help participants to approach real landscape change and human activity impact in Asia-Pacific region, including restoration and reconstruction of landscape ecosystem both locally and regionally.

- A. Theoretical aspects and quantitative approaches
  - Landscape pattern and processes
  - Landscape modeling
  - GIS and Remote Sensing
- B. Landscape change and driving forces
  - Monitoring of landscape changes
  - Human activity and land use
  - Culture and landscape
- C. Landscape management and reconstruction
  - Ecological restoration of natural areas
  - Landscape planning in rural areas
  - Ecological risk and security assessment for catchments
  - Ecological engineering in agricultural landscapes
- D. Environment protection and ecological development in Western China
  - Management of oasis landscape
  - Desert landscape and desertification control
  - Biodiversity conservation
  - Landscape Resources and tourism
- E. Urban landscape ecology

*Preliminary conference program:*

- September 22, arrival in Lanzhou, Registration.
- September 23, plenary sessions
- September 24, in-conference excursion (Lanzhou city and suburbs)
- September 25, parallel sessions

*Working language:* English

*Post conference excursions* September 26-29

- No. 1: Silk Road and Arid Region Landscape: Desert, Oasis, and Ancient Culture Heritage (Dunhuang).
- No. 2: Qinghai-Xizang(Tibetan) Plateau Landscape: High-Cool Meadow, Salt Lake and Qinghai Lake, Cool Desert
- No. 3: world Natural Heritage: Jiuzhaigou, Sichuan Province (Forest and Waterfall)

*Call for papers:*

Participants intending to present a paper or a poster during the conference are requested to send an abstract (no longer than 500 words) as email or TXT format attachment to the conference secretary: [Landscape2001@sina.com](mailto:Landscape2001@sina.com) or, you can send the hard copy to: Dr. CAO Yu, Institute of Applied Ecology, CAS, P.O.Box 417, 110015, Shenyang, China. Please include the participant's full address (postal, phone, fax, email) in the abstract. The deadline for abstract submission is **June 30th, 2001**. Abstracts will be published as conference proceedings, which will be available at the conference. Selected papers will be published after the conference.

*Registration fee:* US\$300, including all meals during the conference, and coffee break refreshments. Room rent will be on your own.

*Registration fee for the excursions:* US\$500, including transportation and accommodations.

## ANOTHER ASIAN MEETING IN 2002:

The 8th INTECOL meeting will be held in Seoul during **Aug 11-18 2002**. If you want to get any information about that event please contact the Secretary General of the Organizing Committee. Dr. Sun-Kee Hong, Environmental Planning Institute, Seoul National University; e-mail: [landhong@yahoo.co.kr](mailto:landhong@yahoo.co.kr)

Don't miss the next page with more upcoming meetings!



## JOURNALS

Landscape Research, the journal of the Landscape Research Group, has become established as one of the foremost journals in landscape related research. The latest issue (Vol. 25/3) is devoted to the theme: Landscape-ecological planning. Check out at <http://www.tandf.co.uk/journals/default.html>

## MEETINGS

June 30-July 2 & July 3-6, 2001

**IALE European conference: Development of European landscapes**, Stockholm, Sweden and Tartu, Estonia.

The aim of the conference is to assist development and restoration of European landscapes at the regional and local level. Papers can be presented to the following topics:

1. THEORETICAL ASPECTS AND MODELLING
  - Landscape pattern and processes
  - Landscape modelling
2. SOCIO-ECONOMIC ASPECTS
  - Economy of European landscapes
  - Cultural heritage in changing landscapes
3. LANDSCAPE CHANGE
  - Monitoring of landscape changes
  - Shaping the future landscapes
4. LANDSCAPE MANAGEMENT AND RESTORATION
  - Management of biological and landscape diversity
  - Ecological restoration of natural areas
  - Ecological engineering in rural landscapes
  - Stream and lake restoration, coastal zone management
  - Management of archipelago landscapes
5. URBAN LANDSCAPE ECOLOGY

More information: <http://www.geo.ut.ee/IALE2001/>

### Scientific excursions 2001 to the pristine Carpathian ecosystems

The CSTS (Centre for Scientific Tourism and the Institute of Forest Ecology, Zvolen, Slovakia) is organizing outstanding trips to various interesting sites. For more information check out the following homepage ([www.ecosystems.sk](http://www.ecosystems.sk)) or download the pdf documentation at the same location as the electronic version of the IALE Bulletin (<http://www.wsl.ch/land/iale/bulletin.htm>)

June 12 - June 16, 2001

**International Conference on "Is globalization overpowering democracy? The challenges for Ecology, Economy and Culture"**, organized by leading scientists from the Czech republic and the USA; location: Villa Lanna, in the Gardens adjacent to Prague Castle.

<http://www.uek.cas.cz/GlobDem/>

## MEETINGS (CONT.)

3, 4 & 5 Octobre 2001

**VIII<sup>èmes</sup> journées françaises de l'Association Internationale pour l'Ecologie du Paysage (IALE) : Dynamique des Paysages & Influences anthropiques d'hier et d'aujourd'hui**; ces journées se dérouleront à Rouen (Cloître de Pénitents)

L'Ecologie du paysage est un champ de recherche de l'écologie qui s'intéresse aux interactions entre *patrons spatiaux et processus écologiques*. L'accent est mis sur les relations entre *échelles spatiales et temporelles*. Le thème central des journées FR-IALE 2001 est la dynamique des paysages. Ces journées s'attacheront plus particulièrement à l'analyse de *l'influence croissante des activités humaines* sur les paysages (hétérogénéité, fragmentation, ...) et ces *conséquences sur les processus écologiques*. Comprendre l'histoire récente et ancienne des paysages ainsi que la part de l'homme dans cette dynamique, apparaît comme indispensable pour modéliser les outils nécessaires pour une *gestion durable* de ces paysages.

Ces journées s'adressent à toute personne intéressée par la recherche fondamentale en écologie du paysage (paysages archéologiques, historiques ou actuels) ainsi qu'à celles concernées par son application dans le domaine de la gestion du territoire.

Les personnes désirant proposer une présentation orale ou un poster sont invitées à envoyer par mail leur résumé avant le 30 Avril 2001 à Isabelle Poudevigne. Nous encourageons particulièrement les étudiants à présenter leurs travaux. Une excursion est prévue en vallée de Seine le Jeudi 4 dans l'après midi. Des détails supplémentaires seront donnés dans la deuxième circulaire en Février 2001. Un site web sera ouvert à cette date. Tous les échanges se feront par mail.

Pour plus d'information, vous pouvez contacter par mail :

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## FOUND ON THE WEB...

### *Environmental History*

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<http://www.cnr.berkeley.edu/departments/espm/env-hist/>