

iale BULLETIN

INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY

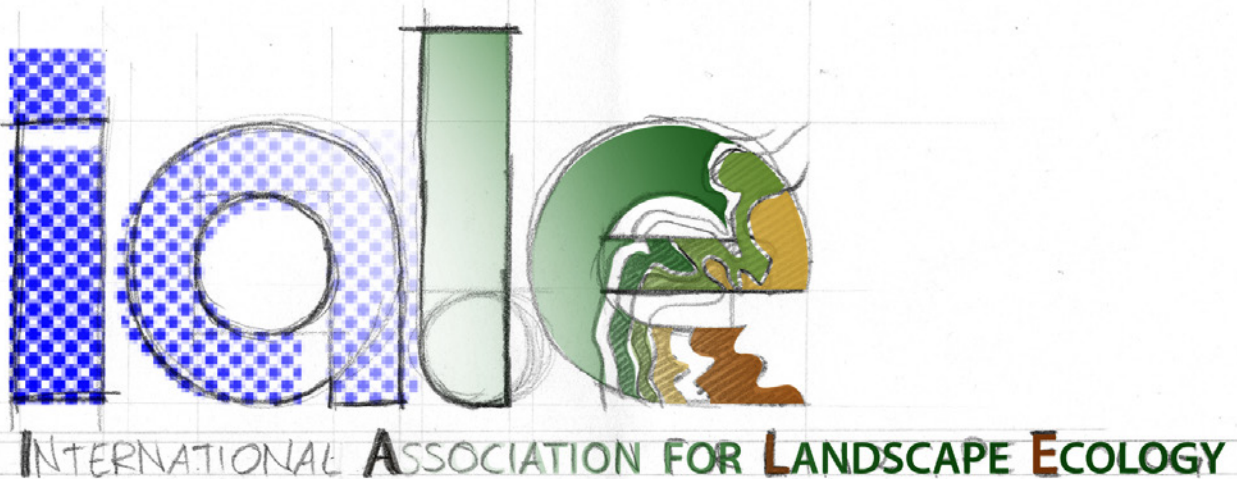
New IALE International Logo

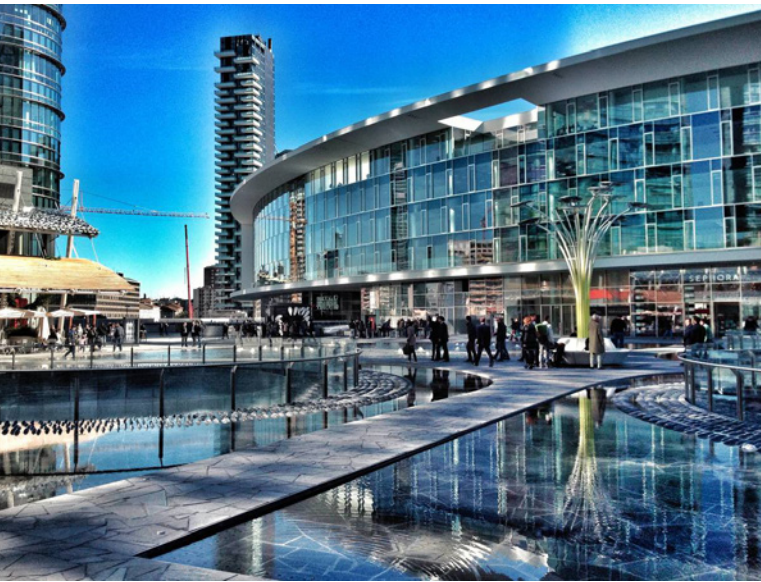
After more than 30 years with the same logo, we found it was time to design a more modern logo for IALE International. The present logo is from about 1982, the era of dot matrix printers. Unfortunately we could not figure out the actual designer, but the logo was designed under the first IALE Executive Committee, probably by one of the designers of the Dutch Institute for Nature Conservation (RIN). The initiator was the first General Secretary of IALE, Severin ten Houte de Lange. The new logo has been created by Marie Reichmann, who last year designed the new layout of the IALE Bulletin (see IALE Bulletin Vol. 33 no. 3).

"On the one hand, it was important for me to reflect on the changes of the past 30 years. On the other hand, I wanted to keep the shape of the former logo as a sign of tradition. As a result, I softened the outline of the font and brought the characters in a more balanced harmony. The original letters consisted of a blue dot pattern, which weakened in a color gradient. This has been a common kind of pattern until today. In the new logo, however, I tried to draw a connecting line to the work of IALE. In a topographic map, the colors refer to natural colors and the color-grading represents different levels of landform configuration. The new design tries

to evoke the immediate association of 'something environmental'. The last letter does not end with a clear edge, it rather extends slightly through the topographical lines. The lines as a negative form disrupt the letter. The components expand like separate puzzle pieces", describes Marie the process of designing our new logo.

Different versions of the logo were developed, improved and discussed within the IALE Executive Committee before the final version has eventually been selected.





10th IALE World Congress

Save the date: July 1 -7, 2019 in Milano, Italy

Organization: *SIEP-IALE in co-operation with other European Chapters (e.g. IALE-Europe, IALE-UK, IALE-PT) and IALE International.*

Venue: *University of Milano-Bicocca, Milano, Italy*

Keep free from any other task during the first week of July 2019!

Begin to think about sessions, workshops and field-trips that could be submitted to the scientific committee!

We will keep you updated on further developments via the Bulletin and the website.

For further information, please contact:
Emilio Padoa-Schioppa emilio.padoaschioppa@unimib.it



A new IALE chapter was launched in Concepción, Chile

On the January 15th, 2015 at the University of Concepción, Concepción, Chile, a group of Chilean scientists, professionals and students got together to create IALE-Chile.

In that meeting founding members from different disciplines and institutions confirmed their interest in working together on landscape ecology and associated sciences. The institutions involved in the foundational meeting were: Faculty of Forest Sciences, University of Concepción; Faculty of Architecture, Urbanism and Geography, University of Concepción; Faculty of History, Geography and Political Science, Pontifical Catholic University of Chile; Faculty of Forest Sciences and Nature Conservation, Universidad de Chile; Faculty of Architecture and Urbanism, University of Chile; Faculty of Agronomy and Forestry Engineering, Pontifical Catholic University of Chile; and Faculty of Architecture and Urbanism, Pontifical University of Valparaíso. Dr. Christine Fürst, President of International IALE attended the meeting and provided a general overview of IALE's goals to the founding members.

As part of this first meeting the founding members conducted the first election of the Executive Committee. The EC is composed of Cristian Echeverría (President-University of Concepción), Jaime Hernández (Vice President- Universidad de Chile), Francisco de la Barrera (Secretary-General, Pontificia Universidad Católica de Concepción), Sonia Reyes (Treasurer - Pontificia Universidad Católica de Chile) and Carolina Rojas



(International Delegate- IALE Council- Universidad de Concepción).

IALE-Chile aims to:

a. Promote the development of landscape ecology in Chile through theoretical and applied research, undergraduate and graduate teaching and exchange between scientists and research groups.

b. Provide a scientific basis for the application of landscape ecology in the protection of nature and society through the organization of scientific meetings, business meetings and/or initiatives of technical diffusion involving both private and public actors.

c. Encourage the communication and interaction between members of IALE-Chile, as well as with other national and international scientific associations.

IALE-Chile will provide an important contribution to a country characterised by a fast-growth economy, focused on the

use of natural resources with substantial landscape changes. Additionally, the country is recognised by its unique biodiversity that deserves protection. The lack of territorial planning and a weak environmental policy in the protection of nature and sustainable development were critical over the last 40 years. At present, the country is increasing efforts for a sustainable development and nature protection, but those efforts are still weak and scientific knowledge for better decisions is needed.

We are planning to have the first IAEL Chile conference in 2017 that will be held in Valparaíso. We envisage IALE Chile as a reference group of research, collaboration and support for decision making in landscape ecology and related sciences in Latin American region, and with a special interest in the transference of scientific knowledge to the society in order to improve human wellbeing.

We invite IALE community to visit our web site: www.iale-chile.cl

Edu-WG: Landscape Ecology in Schools

Landscape Ecology in schools

In many countries worldwide, environmental education is poorly represented in formal education, due to the poor training of teachers, and is mostly presented as extracurricular activities but not as an on-going learning process. In many situations, primary and secondary school teachers do not choose to teach such curricula due to the poor training available on the subject-specific didactics, as well as the lack of materials to use during classes. Moreover, teachers often lack belief and motivation that they can bring change, so that they rarely have the courage to explore non-standard topics and teaching methods in class.





Landscape Ecology is a rather young field as compared to Biology or Geography and needs support in order to become part of school curricula. Also, Landscape Ecology so far seems to be limited to the „ivory tower“ of the higher education.

How do we link scientists and teachers?

To our knowledge there is no international platform that provides teachers access to information on Landscape Ecology, and more important, to possible means of integrating it into their classes. The materials that scientists and professors use to teach Landscape Ecology (books, research papers etc.) are too complex and sophisticated to be used by school teachers. There is a need to “lower the complexity.” Therefore, collaboration between scientists and teachers is necessary. In this way, Landscape Ecology could be adapted for primary and secondary, and high school students.

Rationale

The Edu-WG is fueled by the belief that

environmental education, and especially Landscape Ecology competences (knowledge, skills, attitude), should be available not only for researchers who specialize in this domain, but for children and young adults who will work in various fields (which have an impact on the quality of life, on natural resources, etc.), so that sustainability can have a meaning to the broader community. Hence, we perceive Landscape Ecology education as a critical discipline and we are willing to concentrate our efforts towards becoming a source of inspiration for young teachers.

Objectives

The IALE Working Group ‘*Edu-WG: Landscape Ecology in Schools*’ aims to support school teachers who want to integrate Landscape Ecology into their courses.

Goals

The Edu-WG aims to:

- Support landscape ecologists who are involved in activities at pre-university education levels;

- Develop materials on Landscape Ecology didactics;
- Develop an e-learning platform of good practices and solutions in class; this platform can be accessed here: <https://groups.google.com/forum/#!forum/iale-eduwg>
- Organize courses and workshops in volunteering schools, in order to allow student-teachers to practice and internalize the proposed methods.

We support the Edu-WG members to:

- Exchange experiences and initiatives;
- Share materials and online courses;
- Be more involved in active teaching;
- Seek financial support, if available, in order to implement educational activities.

Upcoming events

Due to the fact that this working group is new, we are planning to promote it at the **IALE 2017 European Congress**, which will take place in Ghent, Belgium (12-15 September 2017).

Joining the group

All colleagues interested in this topic are welcome to contact us:

Ileana Stupariu:

ileana.stupariu@geo.unibuc.ro

Ioana Stoicescu:

ioana.stoicescu@aletheea.ro

Iulia Calin:

iulia.calin@teachforromania.ro

Simona R. Grădinaru:

simona.gradinaru@wsl.ch

Moreover, a Google Group is available for joining: groups.google.com/forum/#!forum/iale-eduwg



IALE Grant Report: Foreign Scholar Travel Award Program

Through the Foreign Scholar Travel Award Program, US-IALE annually provides travel funds to two landscape ecologists from foreign countries to present their research at the annual meeting US-IALE meeting. For the Congress held in April 2016 in Asheville, North Carolina, IALE International provided additional financial support enabling three foreign, early career scientists to attend the meeting.



The following are testimonials from the Foreign Scholar Travel Award Recipients

Vasile-Cosmin Cosofret, Romania; Presentation: Forest vegetation disturbances and landscape changes in complex forest ownership areas on LANDSAT Images: a case study in the northern Romanian Carpathians

“This spring, I attended the 30th US IALE Conference, which was held from 3 to 7 April 2016, in Asheville, North Carolina, USA. The conference gathered more than 500 participants working in a wide range of fields and proved to be a fruitful meeting where scientists shared knowledge and discussed issues of landscape ecology.

I am truly grateful for receiving the Foreign Scholar Travel Award which gave me the great opportunity to present my research on forest disturbances and landscape changes in a private forest ownership areas in Northern part of Romanian Carpathians, to discuss with landscape modelers about my approach and the possibility to create an interdisciplinary research with their studies and the chance to expand my professional network. The conference represented an excellent place for scientists, planners and other professionals concerned with landscape ecology to create the framework for future transdisciplinary researches.”

Aniko Polo-Akpisso, Togo; Presentation: Ecological characteristics of natural habitat within the complex of protected areas Oti-Keran-Mandouri in Togo

“I am involved as a PhD student of the West African Science service Center on Climate change and Adapted Land use (WASCAL) graduate study program on Climate change and Biodiversity hosted by the University Félix Houphouët-Boigny in Ivory Coast. The aim of my study is to improve conservation planning in Togo by assessing habitat ecological characteristics taking the savanna elephant as a focal species. Taking part of the US-IALE 2016 enabled me to share my work and discuss with an international audience and experts in the fields of Conservation Biology and Landscape Ecology. This enabled also to identify gaps in my work I need to address. I came across new methods from symposium and workshops. Even, the field trip I took part of gave me insights in how to manage a protected area. I had the chance to be introduced to members of IALE-Africa and I wish not only to improve my work but also get involved in all the future activities of IALE-Africa. I have been fueled with the motivation of such amazing people bringing innovation in their respective fields of study and I am really grateful to the FSTA and to the US-IALE.”

Marina Peres Portugal, Brazil; Presentation: Effects of grain size on the identification of Jaguar (*Panthera onca*) priority conservation areas in Cerrado, Brazil

“As a biologist, I have always worked with mammals’ ecology but only during my PhD studies that I have started working with landscape approaches. The US-IALE meeting was a great opportunity for me to present part of my work as a PhD student and meet scientists in landscape ecology. The questions and feedback about my talk will improve my dissertation. This was my first time in an international conference, and I enjoyed the program and social events. I hope to apply some of them for future meetings in Brazil. It was also good talking to different landscape scientists from all over the world, specially, knowing the work of other PhD students. Many of the talks and posters gave me insights for my recent and future works. I will definitely come back to other meetings if possible.”

Rodrigo Fuentes, Chile; Poster Presentation: Assessing the effects of landscape change on the provision of water supply and quality through spatially explicit modeling

“I would like to thank the “Foreign Scholar Travel Award”, which allowed me to attend the US-IALE

conference in April 2016. This meeting was a great opportunity to present my current research in landscape change on the provision of ecosystem services and also to expand my professional network. It was my first time in the US and it allowed me to meet and talk with other people whose research focuses on landscape change, giving me new ideas and approaches to conduct my research in the future. Finally, I really enjoyed oral and poster presentations, which made me practice my skills with the language, and obviously, the chance to know different studies conducted and how landscape change affects society and the environment. I would really like to attend others meetings.

Thank you all and cheers from Chile!"

Floor van der Hilst, Netherlands; Presentation: Variation in carbon balances of wood pellet production in Southeast US

"Thanks to the US-IALE Foreign Scholar Travel Award I was able to participate in the US-IALE annual meeting in Asheville. I was invited by Virginia Dale of ORNL to provide a talk on the study our research groups conducts on the variation in carbon balances of wood pellet production in Southeast US in the special symposium 'Landscape Designs that Incorporate Sustainable Wood-based Bioenergy: A Focus on the Southeastern United States'. In this and the other related sessions, very interesting presentations from a broad range of experts were provided and there were very fruitful discussions. It was my first attendance at an IALE meeting and I really appreciated the welcoming atmosphere, good organisation, nice interaction between young and senior scientists, and the great field tips. Many thanks for this opportunity!"

Thank you to these companies who provided publications or software for the Foreign Scholar Travel Award silent auction. The proceeds from the silent auction conducted at each annual meeting support these travel grants.

Clark Labs, Clark University
Johns Hopkins University Press
Island Press
Sinauer Associates



2-Day Pre-conference Workshop for 11th AARSE International Conference

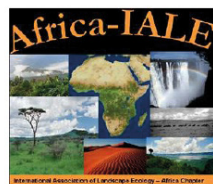
24- 28 October 2016, Kampala, Uganda

Theme: Landscape Ecology Applications to Assessing Land Use Dynamics & Ecosystem Services across Multiple Spatial and Temporal Scales

This pre-conference workshop is focused on capacity building for competence in Landscape Ecology and principles of Geospatial techniques to assess landscape change dynamics and ecosystem services. There is increasing concern about how human activities and climate change may impact the resilience and capacity of ecosystems to provide essential services such as food and water; flood and disease control; nutrient cycling, and recreation. Effective methods to characterize and quantify landscape change dynamics is critical to understanding and modeling human impact on the such ecosystems, and to support policies and planning programs that could guarantee sustainable developments and livelihoods in African countries. The target audience for this workshop include African College faculty interested in developing landscape ecology courses in their institutions, as well as early

career scientists and research fellows, graduate students, natural resource managers and urban/regional planners. During the workshop, we hope to select up to 10 participants whose background and experience will allow them to participate in an extended pilot program in developing college level Landscape Ecology curriculum in the next 3-5 years. These participants will benefit from a year-long training and

exposure to landscape ecology through follow-up webinars, hands-on training exercises and a landscape ecology course development and implementation project. Interested participants should send their applications; include a 1-2 page resume, statement of interest, and contact information, to *Dr. Frank Mugagga* (fmugagga@gmail.com), no later than July 15, 2016.



The 12th INTECOL International Congress of Ecology

August 20-25, 2017, Beijing, China

The 12th INTECOL International Congress of Ecology (INTECOL 2017) will be held on August 20-25, 2017, in Beijing, China. The theme of this meeting is "Ecology and Civilization in a Changing World". With this theme, the major goals are to strengthen communication and cooperation among ecologists around the world, to provide a platform for scientists from different disciplines to discuss about recognized and potential changes of ecology and civilization at local to global scales, and strategies of human society to adapt to these changes. We welcome scientists from all over the world to join the congress.

Organized by: *International Association for Ecology (INTECOL)*

Hosted by: *Ecological Society of China (ESC)*

Contact: *Liding Chen, Chinese Academy of Sciences*

Emails:

liding@rcees.ac.cn

intecol2017@rcees.ac.cn

www.intecol2017.org



INTECOL 2017 Beijing
Ecology and Civilization in a Changing World

INTECOL
INTERNATIONAL ASSOCIATION
FOR ECOLOGY

13th EURASIAN GRASSLAND CONFERENCE (EDGC)

Management and conservation of semi-natural grasslands: from theory to practice

Place: Sighisoara, Romania

Time: 20-24 Sep 2016

The local organising committee is pleased to announce that the 2016 Eurasian Grassland Conference will take place from the 20th to the 24th September 2016 in the historic town of Sighisoara in central Romania. This is the 13th annual meeting of the EDGG (formerly known as European Dry Grassland Meetings, EDGM), which aims to promote exchange and collaboration between those interested in all aspects of grassland research and conservation across Eurasia. The conference is intended to bring together latest research, and to link this to practical management and policy contributing to the sustainability of semi-natural grasslands. For the first time, two optional pre-conference workshops will be offered; one on scientific writing and another on science/policy interfaces concerning semi-natural grasslands.

The Eurasian Dry Grassland Conferences are organised annually by the European Dry Grassland Group (EDGG, www.edgg.org), a network of dry grassland/steppe researchers and conservationists from all

disciplines. EDGG is affiliated with the IAVS (International Association for Vegetation Science) as a Working Group as well as with the EFNCP (European Federation for Nature Conservation and Pastoralism), and membership is free of charge.

The conference webpage is open at: www.egc2016.namupro.de/

We are looking forward to seeing you in Sighisoara, Romania!

by Local Organizing Committee and EDGG Executive Committee



Ecosystem services supporting integrative Natural resource management

Call for Papers for a Special Issue of the International Journal of Biodiversity Science, Ecosystem Services & Management

www.tandfonline.com/toc/tbsm21/current

Guest Editors:

S. Luque, C. Fürst, D. Geneletti, G. Martínez Pastur

Ecosystem Services (ES) are broadly acknowledged as a means to support and facilitate planning and decision making processes. Overall, the use of ES in planning and decision making can contribute to improve the quality of land use and management proposals by integrating synergies, trade-offs and conflicts between economy, environment and social goals, through making aware of hidden effects considering particularly regulating services at local and global scales.

We invite contributions with focus on land use planning and land management aspects from local to regional scale; including real cases where the incorporation of ES concepts supports the implementation of nexus thinking in planning and decision making in particular for wood-water-energy purposes

Contact: sandra.luque_at_irstea.fr

Deadline: 10th JUNE 2016



The IALE Bulletin is distributed several times a year to the members of IALE. IALE - the International Association for Landscape Ecology was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research.

IALE Executive Committee:

President: Christine Fürst 2015-2019, Karlsruhe Institute of Technology, Kreuzteckbahnstraße 19, 82467 Garmisch-Partenkirchen, Germany, christine.fuerst@kit.edu; **Secretary General:** Thomas C. Edwards 2015-2019, U.S. Geological Survey, Utah State University, 5230 Old Main Hill, Logan, UT 84322-5230, USA, t.edwards@nr.usu.edu; **Treasurer:** Irene Petrosillo 2015-2019, University of Salento, 73100 Lecce, Italy, irene.petrosillo@unisalento.it; **Past President:** Felix Kienast 2011-2015, Swiss Federal Institute of Forest, Snow and Landscape Research, CH-8903 Birmensdorf, Switzerland, [\[wsl.ch\]\(mailto:wsl.ch\); **Vice Presidents and their role in the Executive Committee:** Henry Bulley 2015-2019 \(Africa; Tasks: Outreach and communication\), City University of New York, 199 Chambers Street, New York, NY 10007, USA, \[hnbulley1@gmail.com\]\(mailto:hnbulley1@gmail.com\); Andreas Aagaard Christensen 2015-2019 \(Europe; Tasks: Communication with the chapters\), University of Copenhagen, Rolighedsvej 23, 1958 Frb. Copenhagen, Denmark, \[anaach@ign.ku.dk\]\(mailto:anaach@ign.ku.dk\); Robert M. Scheller 2013-2017 \(North America; Tasks: Initiation, coordination and monitoring of the WGs and their contributions\), Portland State University, P.O. Box 751, Portland, OR 97207 USA, \[rmschell@pdx.edu\]\(mailto:rmschell@pdx.edu\); Lidong Chen 2013-2017 \(Asia; Tasks: Monitoring and reporting on regional & international IALE events for organizing EC & Chapter meetings\), Chinese Academy of Sciences, 18 Shuangqing Road, Haidian District, Beijing, 100085, China, \[liding@rcees.ac.cn\]\(mailto:liding@rcees.ac.cn\); **Bulletin Editor and**](mailto:felix.kienast@</p>
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IALE International on the Internet:
IALE International:
www.landscape-ecology.org

Bulletin Deadline

Vol. 34 no.3: September 05, 2016 PLEASE: Send your contributions to the Bulletin Editor Benjamin Burkhard bburkhard@ecology.uni-kiel.de