



# Bulletin

## International Association for Landscape Ecology

### AGRICULTURAL LANDSCAPES RESPONDING TO MULTIPLE DRIVERS - IALE-EUROPE PHD ADVANCED COURSE IN ÉVORA (PORTUGAL)

One of IALE-Europe main goals is to strengthen the impact of the landscape ecology education in collaboration with IALE International. In this context, the IALE-Europe executive committee decided to promote a PhD Advanced course on a yearly basis focused on issues relevant to today's European Landscapes.

The first edition organized by IALE-Europe was held this year in June (24th to 29th) in Évora (Portugal) on "Agricultural landscapes responding to multiple drivers: Challenges for landscape ecology in Europe". It was hosted by ICAAM/UE (Institute for Mediterranean Agrarian and Environmental Sciences, University of Évora). With the financial support of with a IALE-Europe, APEP (Portuguese Society for Landscape Ecology) and IALE-International, it was possible to support the attendance of 16 young researchers from 10 countries, both inside and outside Europe:

Ana Fonseca (PT), Jacinto Belardo (ES), Christophe Rogolle (BE), Eva Berova (CZ), Sophia Leni (GR), Stig Sveningsen (DK), Eduardo Alexandrino (BR), Paolo Picchi (IT), Andreas Christensen (DK), Ana Verhoeve (BE), Hugo Oliveira (PT), Birte Bredemeier (DE), Filipe Barroso (PT), Paarven Kumar (IN), Marketa Šantrůčková (CZ) and Nadia Jones (PT). 10 senior researchers were also present across the week to lecture and foremost to mentor in thematic groups and engage with the students in informal discussions: Teresa Pinto Correia (PT), Terry Marsden (UK), Marc Antrop (BE), Isabel Loupa Ramos (PT), Veerle van Eetvelde (BE), Sandra Luque (FR), Ramon Elena (ES), Anne van Doorn (NL), Francisco Moreira (PT), Isabel Joaquina Ramos (PT) and Felix Kienast (CH). Based on the final survey themes and contents of the plenary sessions were highly rated by the young researchers.



The course took place at premises of the University of Évora, 8 km away from the city, and completely surrounded by the Montado landscape. (Photo: Ramon Elena)

...continued from page 1 (IALE-Europe PhD Advanced Course in Évora)

Despite extreme weather conditions (43°C), also the fieldtrip into the Alentejo landscape was very much appreciated. During the day the group met farmers and other stakeholders to discuss their responses to global issues driving agriculture as policies, food safety, climate change or energy, and the simultaneous need to sustain competitiveness of the agricultural sector, guarantee higher standards of food production and meet emerging societal demands.



On the last stop on the fieldtrip the group met with young farmers that recently engaged in permaculture (Photo: Isabel Loupa Ramos).

Following some comments from young researchers on their experience in Évora:

*"It has been a great course on a wide variety of topics, fruitful discussions with an interesting mixture of participants and teachers located in a beautiful landscape. I wouldn't want to miss this experience."*  
Birte Bredemeier

*"The course made me realize Landscape Ecology as a discipline at the crossroads of disciplines, where it is possible to ambition an understanding on a common direction to follow."* Nádia Jones

*"In the IALE PhD course I got very useful comments and tips from the senior researchers concerning my thesis, learned new things through lectures, got informed on what interests new researchers throughout Europe by attending their presentations and as a result all this experience will help to re-adapt the thesis."* Sofia Leni

*"The PhD course in Évora was very useful and lectures were interesting. Discussions with lecturers and*

*other students about our papers and posters were really helpful for me."* Marketa Šantrůčková

*"It was an honor to meet and listen a so complete group of researchers with different visions about landscape research."* Ana Fonseca

*"Every new thought opens new ways."* Eva Berrova



During the poster session on the first day young researchers gave a quick overview on their research topic (Photo by young researcher).

The next IALE-Europe PhD Advanced Course will take place in September 2013. This course will be linked to the 2013 European Congress, which is hosted by ialeUK in Manchester ([www.iale2013.eu](http://www.iale2013.eu)).

by Isabel Loupa Ramos (IALE Europe)

## EUROPEAN IALE CONFERENCE 2013 - CHANGING EUROPEAN LANDSCAPES

9-12 September, 2013, Manchester

ialeUK and IALE Europe invite you to Manchester for the IALE 2013 European Congress. This major international event will examine how and why European landscapes are changing and how landscape ecology can help us to plan for the future at local to global scales. It will consider local projects alongside international programmes and provide many opportunities for researchers, policy makers and practitioners to interact. The congress will have a European focus but we look forward to welcoming participants from around the world.

[http://www.iale2013.eu/](http://www.iale2013.eu)



## LANDSCAPE EUROPE NEWSLETTER ISSUE NO. 15, MAY 2012 PUBLISHED

The 15th Newsletter of LANDSCAPE EUROPE, the International Network of Expertise on the Landscape has been published. You can find more information on LANDSCAPE EUROPE on the website:

<http://www.landscape-europe.net>.



The newsletter offers information to interested people in the broad field of landscape science that seeks to integrate natural, social and economic research, including network news, events, recent publications, outlook and membership information.

## ESLAND CONFERENCE - EUROPEAN CULTURE EXPRESSED IN ISLAND LANDSCAPES

11-13 October 2012, Aula Magna, University of Sassari, Sardinia, Italy

The ESLAND Conference, European Culture expressed in ISland LANDscapes, aims to stimulate debate and discussion on European island landscapes and their cultural heritage by introducing innovative research on island landscape history, characterisation, identity and scenario. Participants and key note speakers include academics, scientists and policy makers from the European Landscape Convention, European governments and universities including those of the ESLAND Project. The conference, held in Sassari on the island of Sardinia, is of interest to academics, professionals, governmental and NGO representatives engaged in the study, assessment and planning of European island landscape and culture. Relevant papers will be selected for publication.

Further details can be found on:

[www.cclp.group.cam.ac.uk/conf\\_esland\\_welcomepage.html](http://www.cclp.group.cam.ac.uk/conf_esland_welcomepage.html)

## JIANGUO “JINGLE” WU WINS PRE- STIGIOUS DISTINGUISHED SERVICE AWARD IN LANDSCAPE ECOLOGY

Dr. Jianguo “Jingle” Wu was awarded the distinguished service award by the United States Chapter of the International Association for Landscape Ecology

(US-IALE). Wu is Dean’s Distinguished Professor of Landscape Ecology and Sustainability Science at Arizona State University. Professor Wu has served as the Editor-in-Chief of the journal Landscape Ecology since 2005 and was a Councilor-at-Large for US-IALE. He is also the recipient of the Distinguished Landscape Ecologist award in 2010.



Dr. Jianguo “Jingle” Wu

*“The impact factor for the journal Landscape Ecology is almost twice as high as comparable ecology journals, and this is testament of Wu’s leadership as Editor-in-Chief”* notes Dr. Anita Morzillo of Oregon State University. Wu is an outspoken advocate for the journal Landscape Ecology and is forever challenging his colleagues to send their best manuscripts to the flagship journal for their discipline.

Wu has been on the faculty at Arizona State University since 1995. He is the recipient of numerous awards for his scholarly research. He has published over 200 papers on ecology and sustainability in the best scientific journals and is the author or co-author on 14 books.

by Peter August (US IALE)

## DAVID MLADENOFF RECIPIENT OF 2012 DISTINGUISHED LANDSCAPE ECOLOGIST AWARD

Dr. David Mladenoff, the Beers-Bascom Professor of Conservation in the Department of Forest and Wildlife Ecology at the University of Wisconsin was awarded the 2012 Distinguished Landscape Ecologist Award by the United States Chapter of the International Association for Landscape Ecology (US-IALE). This is the highest honor bestowed by US-IALE and recognizes those unique individuals whose thinking and writing have helped to shape the field of landscape ecology.

Mladenoff, a professor at the University of Wisconsin

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since 1994, studies the ecology and management of forested ecosystems. He and his students take a broad view of forests systems and study a range of topics including forest landscape modeling of land use and climate change effects, analysis of the effects of forest management practices and natural disturbances on ecosystems, the influence of landscape-scale factors on wildlife populations, and effects of land use and historical factors on current landscape patterns and ecosystem processes. "Few others have maintained such diverse research programs, and given current trends, likely few will achieve this breadth in the future" reports Robert Scheller from Portland State University.



Dr. David Mladenoff

Dr. Mladenoff is a prolific author and has published over 120 scientific papers in leading journals. He is editor of two books in landscape ecology. David has mentored 37 graduate students and postdoctoral fellows. He is past editor of the journal *Landscape Ecology*. Eric Gustafson, a senior forest scientist with the USDA Forest Service notes "David is a creative and thoughtful collaborator and a distinguished scientific colleague. These traits have led to significant scientific advances for himself and his colleagues."

by Peter August (US IALE)

## NATIONAL PARK SERVICE INVENTORY AND MONITORING PROGRAM RECOGNIZED FOR OUTSTANDING CONTRIBUTIONS BY LANDSCAPE ECOLOGISTS

On April 10, 2012 the United States Regional Association of the International Association for Landscape Ecology presented the National Park Service's Inventory and Monitoring program with the Distinguished

Landscape Practitioner Award. The objective of the Distinguished Landscape Practitioner Award is to recognize outstanding applications of the principles of landscape ecology to real-world problems.

According to Anita Morzillo, chair of the United States Regional Association of the International Association for Landscape Ecology awards committee, "The I&M Program has embraced the principles of landscape ecology and has embedded a landscape perspective in its core activities. Informing decisions in a changing world is a core activity of the Inventory and Monitoring Program. They are a very worthy recipient of this award and we were pleased to present it to them."

The award was received by Elizabeth Johnson, Deputy Associate Director for Natural Resource Stewardship and Science at the National Park Service. "This is a significant honor for the National Park Service. We work hard to bring science into our resource management programs and we are delighted to be recognized by the community of our peers."

Since its inception, the Inventory and Monitoring program has collected scientifically rigorous data in thousands of datasets on the natural resources of the nation's parks and historic sites. This information has been used to help track many "Vital Signs" and is used by managers at the parks to make important management decisions. To find out more about the National Park Service's Inventory and Monitoring Program, visit their website at

<http://science.nature.nps.gov/im/index.cfm>.

The United States Regional Association of the International Association for Landscape Ecology fosters research and use of landscape ecology in the United States and links to key practitioners such as the National Park Services' Inventory and Monitoring Program. Details about the United States Regional Association of the International Association for Landscape Ecology and the International Association for Landscape Ecology may be found at <http://www.usiale.org> and <http://www.landscape-ecology.org>.

by Peter August (US IALE)

## TRIO OF DISTINGUISHED SCIENTISTS DELIVER OUTSTANDING PLENARY ADDRESSES AT LANDSCAPE ECOLOGY MEETING IN NEWPORT, RI

Getting two or three scientists to agree on something is a difficult task. Getting hundreds to agree is an unheard of occurrence, but that appears to have happened in Newport RI in early April when nearly all attendees at the United States Regional Association of the International Association for Landscape Ecology Annual Meeting gave glowing reviews of the three Plenary Speakers.

During the week of April 8, 2012 attendees at the Annual Meeting of the United States Regional Association of the International Association for Landscape Ecology heard talks from Drs Scott Nixon of the University of Rhode Island, J. Morgan Grove of the US Forest Service, and Mark Anderson from The Nature Conservancy. Each of the plenary addresses focused on the meeting theme of “Informing Decisions in a Changing World.”

According to the meeting’s Program Chair, Dr. Jeffrey Hollister, *“The Planning Committee for this year’s meeting selected speakers that could speak to the meeting theme but coming from different perspectives. Dr. Nixon addressed local and historical decisions. Dr. Grove drove home how important it is to work within existing social institutions. Dr. Anderson explored the regional backdrop to making informed conservation decisions. The committee and I were pleased that this diversity of viewpoints really framed the issues at stake for environmental decision makers. All the feedback I received from attendees suggested that the speakers succeeded beyond all of our expectations. To a one, they were fantastic.”*

Dr. Nixon’s talk was entitled “Could Verrazano see his toes? Changing watersheds and water.” The focus of his talk was how the historical decisions, related to nutrients and other sources of water pollution, have impacted the quality of Narragansett Bay waters through time. Dr. Grove spoke to “Socio-spatial approaches to urban ecology and decision making.” He presented details of his work combining sociology and ecology in to major East Coast cities: Baltimore, MD

and New York, NY. Lastly, Dr. Anderson delivered an address on “Conserving the Stage: Towards resilient conservation in changing landscapes,” in which he made a very strong case for the importance of the physical underpinnings of natural habitats in broad scale biological conservation efforts.

All three speakers held to the strong tradition of excellent plenary speakers at the Annual meetings of the United States Regional Association of the International Association for Landscape Ecology. For more information about this year’s meeting, visit <http://www.usiale.org/newport2012>. Details of past meetings are available from <http://www.usiale.org>.

by Peter August (US IALE)

## IALE GRANTS UPDATE

In the last year we have set up a transparent way of supporting the regions by having two official calls/yr in the Bulletin. Your proposals for conference or chapter support will then be reviewed in the board and successful proposals will be supported.

Recent calls see Bulletins:

Vol. 30 no. 1, Jan 2012 (pdf), Vol 29 no. 3, September

Successful proposals since fall 2011:

- IALE Brazil: Early career scientist support for Brazilian conference 2012 (up to 2000 Euro); loan for conference 2012 (up to 2000 Euro)
- Guatemala: Support to establish a region (up to 1000 Euro)
- Iran: support to establish a region (1500 Euro) and loan for a conference (1500 Euro)
- IUFRO Landscape Ecology Conference Chile 2012: Early career support for several scientists (2000 Euro)
- One early career scientist (Salman Qureshi) supported to go to International conferences (750 Euro)
- Joint IALE Conference of all European Chapters 2013: Early career scientist support (2500 Euro); loan for conference (5000 Euro)
- PhD course in Portugal organized by IALE-Europe and APEP & ICAAM: Fee waiver and early career scientist support (2500 Euro)

## IALE FINANCIAL REPORT FOR 2011

IALE looks back to a successful financial year 2011. The income added up to about € 21,000, primarily from the membership fees. The main part of income is from the chapters - individual membership is slightly decreasing, especially in Europe, where IALE Europe collects fees from members that are not part of a IALE chapter. IALE International was also able to give a discount to those chapters that pay their IALE International fee on-time. This reduces their financial load and enables them to engage in regional activities e.g. in Europe to support IALE Europe, the umbrella chapter of all European regions, or to establish travel funds.

About € 30,000 were deposited on a fund account in the Netherlands. However, the interests cannot cover at least the banking costs. Two remaining IALE publications were ordered and shipped for protective charges of € 80, now IALE doesn't have to sell publications anymore.

| Item                                       | € In / Out       |
|--|------------------|
| <b>Income</b>                              | <b>21,042.35</b> |
| Chapter fee                                | 17,693.37        |
| Individual fee                             | 2,889.70         |
| Interests                                  | 379.28           |
| Publications                               | 80.00            |
| <b>Expenses</b>                            | <b>28,437.99</b> |
| World congress travel fund                 | -21,248.57       |
| Subscriptions to Landscape Ecology Regions | -3,197.54        |
| IALE Directory                             | -1,000.00        |
| Banking                                    | -1,200.00        |
| Administration and representation          | -773.62          |
| IALE Website                               | -576.45          |
| Executive Committee                        | -301.82          |
| Bulletin                                   | -139.99          |
| <b>Balance</b>                             | <b>-7,395.64</b> |
| Reservations for student travel support    | 29,948.37        |

Our expenses resulted in about € 28,000. The main part was used to support students and young scientists to travel to our world congress in China. We have to thank our Chinese chapter, which had organized the world congress excellently by its own financial responsibility causing no additional costs for IALE. Additionally, IALE supported the III Argentinean Landscape Ecology Meeting. We gave the ASADEP chapter € 1,000 to invite an international speaker to its conference. The expenditures for *Landscape Ecology* were covered by extended membership fees of the subscribers. Apart from our meeting in Beijing, the IALE EC used Skype calls to conduct society business meetings and to save costs. Additionally, the bulletin edition covered all costs from other sources.

The IALE EC had decided to use the surpluses of 2009 and 2010 to support early career scientist travel and regional activities (see page 5, this Bulletin). So far, 21,000 Euro have been used from approx. 30,000 Euro that were initially set aside for this purpose. Thus, a remaining amount can still be used in 2012 and 2013. A call to submit proposals for region support and travel will follow in the last Bulletin this year.

The yearly audit of the IALE books will be performed by the IALE council for the first time. Hence, the controlling function of the IALE council will be strengthened. The audit will take place in autumn in the context of a IALE conference in order to save travel costs.

by Ralf-Uwe Syrbe (IALE treasurer)

## LANDSCAPE AND IMAGINATION - TOWARDS A NEW BASELINE FOR EDUCATION IN A CHANGING WORLD

2-4 May 2013, Paris, ENSAPLV (France), Call for papers for the International Scientific Conference.

Framing every aspect of our daily lives in an increasingly globalised and virtual world, landscape remains a core element in how we connect with society's rapidly changing social and physical conditions. The aim of this conference is to discuss the contribution that education and training in landscape science can make to governance of a world in transition.

The debate during this international conference is also intended to contribute to the establishment of a world



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landscape convention that is currently being studied as an initiative of IFLA.

More information can be found at:

<http://www.paris-lavillette.archi.fr/landim/>

## SYMPOSIUM “APPLICATIONS, ACTUAL TRENDS AND PERSPECTIVES OF LANDSCAPE ECOLOGY” AT SAN CARLOS UNIVERSITY / GUATEMALA

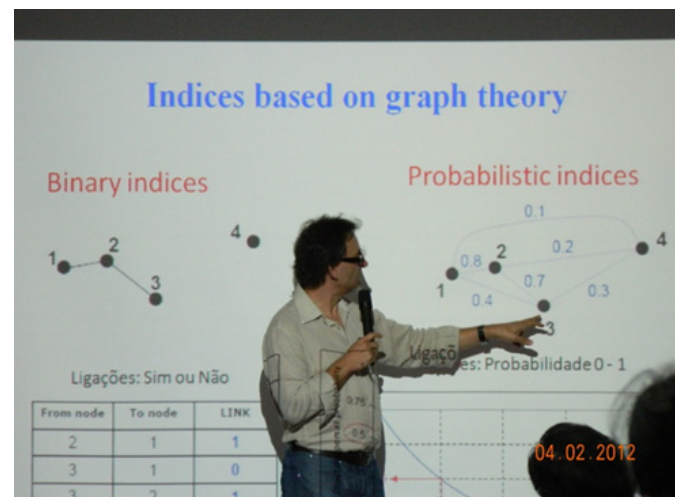
On the 3d and 4th of February 2012 took place the Symposium “Applications, actual trends and perspectives of Landscape Ecology” organized by the Centre for Conservation Studies (CECON) from San Carlos University, with funding provided by the National Council for Science and Technology (CONCYT) and with the aid of the National Council for Protected Areas (CONAP).

The event arose as a space for sharing experiences about landscape studies carried out in Guatemala. In that respect, we had 7 presentations that included research on different aspects of landscape ecology. In this event, Dr. Jean Paul Metzger participated as keynote speaker with the conference “Landscape Connectivity and Restoration Ecology” and also had other activities including: work with researchers in CECON that are working with landscape ecology, present the importance of IALE and evaluate the benefits and possibilities of starting a regional Chapter of IALE.



Ph.D Candidate Maura Quezada during an oral presentation about her research.

The meeting was attended by 127 participants from academic institutions, NGO's, government institutions and private sector, representing 15 institutions. The oral presentations on Friday February 3d included landscape ecology and ecological interactions, landscape ecology and conservation of birds, soil classification based on landscape units, landscape heritage, public space based in landscape principles and, cultural landscapes. On Saturday, organizers Manolo García and Fernando Castillo made presentations about the themes that were presented on the IALE World Conference held in Beijing last year and emphasized to the Guatemalan audience the importance of landscape for planning, sustainable development and conservation.



Jean Paul Metzger as keynote speaker.

An important result of the symposium was the response of 15 people interested in working on the creation of a Central American and Caribbean Chapter of IALE. A first meeting with 8 of them was carried out on February 18th and participants agreed on starting to contact and invite scientists and people working on landscape studies in the rest of the countries of Central America and the Caribbean.

As Guatemalan landscape researchers we make the invitation for other colleagues that work on the region to organize and contact us in order to make a stronger effort for the development of this regional IALE chapter and spread landscape ecology to more people in our countries.

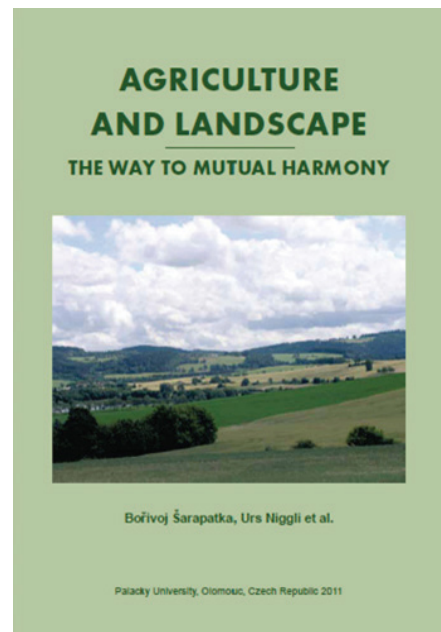
**by Jean Paul Metzger (IALE Vice President, South and Central America) and Manolo García (IALE Guatemala)**

## NEW BOOK: "AGRICULTURE AND LANDSCAPE: THE WAY TO MUTUAL HARMONY"

Through the cooperation of the staff of Czech and foreign (especially Swiss) research organisations and practitioners, the book "Agriculture and Landscape: the way to mutual harmony" was compiled and published in English. An extract can be viewed on the website <http://ekologie.upol.cz/aal/info.pdf>.

In 10 chapters (265 pp) the book describes the problems of current agricultural landscapes and options for their solution. I am convinced that this book will be a help to both practice and research, as well as an educational tool in teaching subjects relating to landscape ecology and landscape planning.

by **Borivoj Sarapatka, Palacky University Olomouc, Czech Republic**



### Bulletin Deadline

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

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:

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IALE International on the Internet: IALE International: [www.landscape-ecology.org](http://www.landscape-ecology.org)