



# BULLETIN

INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY

## Seasons Greetings to the IALE Community!

As we enter into the holiday and year's end festivities, it is a good time to reflect on our accomplishments and consider the coming year.

I was recently at a wildfire conference in Arizona and it was clear how large an impact landscape ecologists have had, not only in methods (patch metrics, etc.) but also in perspectives by bridging the gap between social and ecological sciences. And the need for our science will, I believe, continue to expand as the Anthropocene accelerates. We can no longer retreat into the safety of our disciplinary silos. We are all landscape ecologists now.

As our role in science and policy continues to grow, so does our organization. IALE has had a tremendous year with many new chapters launched and a highly successful World Congress. I had many favorite moments in and around Milan: a glorious wine tour of the Piedmont, outstanding plenary speakers, the best conference food I've ever experienced. Best of all was the opportunity to connect with so many of you: colleagues from my first IALE meeting (Colorado, USA 1999) up to new colleagues that I met in Milan. Although various digital outlets have become more important over the intervening two decades (check out our new [LinkedIn group](#)), nothing can fully replace the value of face-to-face discussions and connections and a shared meal. Because the World Congress is held only every four years, I encourage everyone to seek out opportunities to connect in 2020 and look for coming announcements about how IALE can help you make new connections.

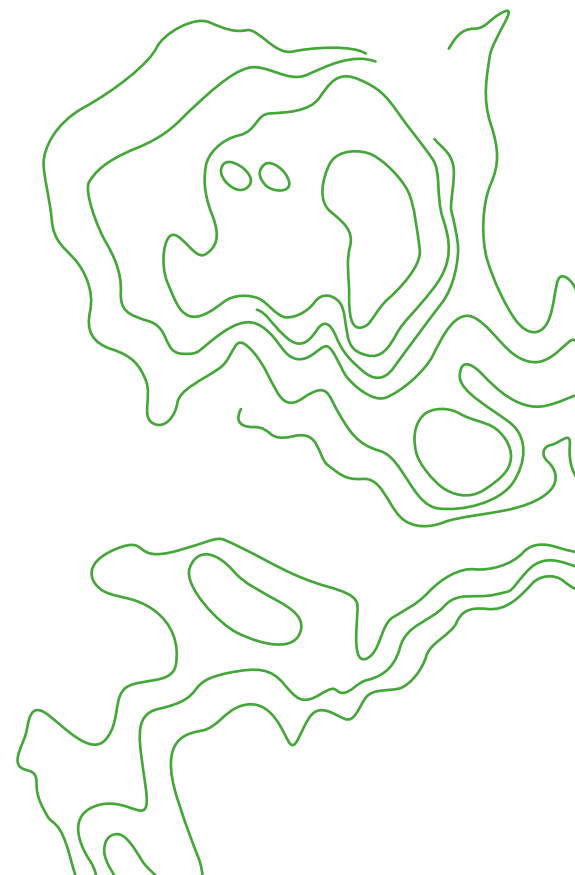
We also welcomed many new IALE-World executive committee members (Peilei Fan, Bastian Steinhoff-Knopp, Dolores Armenteras). And conversely, we said goodbye to valuable contributors: Andreas Christensen, Tom Edwards, Felix Kienast). Thank you for your service! With the changing of the guard comes new opportunities to consider how we can be more successful in the coming year and years ahead. Our ultimate goal is to facilitate global collaborations. To do so, we must become more nimble and transparent and forward-thinking and I look forward to executing on these promises to our members. As steps in this direction, we launched a monthly newsletter in October. We will be finalizing a new publishing agreement with Landscape Ecology, our flagship journal published by Springer. We will recruit hosts for our World Congress in 2023. We will be updating our membership benefits and processes.

To become the best possible global representative for landscape ecology, IALE also needs your assistance in the coming year. Please submit news items for our newsletter and bulletin, share your favorite publications, and communicate with colleagues across the globe. Also consider hosting the 2023 World Congress! There is no better way to share your vision for landscape ecology and to highlight your chapter and country.



Happy holidays and I look forward to serving you in 2020.

*Robert Scheller* (USA, IALE President)



## Report of the 10th IALE World Congress

# “Nature and society facing the Anthropocene - challenges and perspectives for landscape ecology”

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Department of Earth and Environmental Sciences  
University of Milano-Bicocca

The **10th IALE World Congress** (July 1<sup>st</sup> - 5<sup>th</sup>, 2019) was organized by SIEP, the Italian Chapter of IALE, and was hosted in the vibrant location of the University of Milano Bicocca. On this occasion, the IALE community met to discuss the contributions that landscape ecology can offer to face the challenges of the Anthropocene and how solutions can be found for both nature and society.

During the five days of the Congress about 1000 delegates came to Milan to hear about the most recent results and experiences in ecological research. Overall, around 750 scientists from all over the world presented their talks and advances. The 74 thematic sessions covered the current topics of landscape ecology research. Some main foci were ecosystem services, disturbances dynamics and transformations in landscapes, green and blue infrastructure, landscape modelling, landscape planning and governance, and urban ecology and biocultural landscapes. Many interesting sessions dealt with ecological features, problems and solutions of specific landscapes: seascapes, arid and semi-arid landscapes, and subterranean landscapes. These sessions demonstrated how landscape ecology research encompasses different environments and how much it can contribute to solving new problems with its various approaches. Other thematic sessions covered topics such as biodiversity conservation, education and citizen science, habitat restoration, ecological indicators, and theory of landscape ecology.

Importantly, the Congress provided solutions for policy makers who deal with environmental and social issues. A core goal of the IALE meeting was to bring together the findings of scientific research and institutional realities that have the task to manage landscapes at various levels. As we are facing environmental, social and economic problems, the only way to effectively deal with these issues is by improving the management of our ecosystems and natural resources with the

most recent and relevant scientific findings. In order to ensure human development and prosperity, nature conservation must be taken into account. To guarantee the integrity of natural ecosystems, we need to deal with social and economic aspects as well.

During the 10th IALE Congress five plenary speakers were invited. These guests are frontrunners in their respective field of research and they talked about the most pressing issues that future research needs to address.

On the first day we had the honour to listen to two illustrious professors, Prof. Harini Nagendra of the Azim Premji University and Prof. Erle Ellis of the University of Maryland. Prof. Harini talked about what changes have occurred in landscape ecology research as a scientific discipline, by bringing in her own personal experience. From traditional geography, to remote sensing technology and new computer capacities, this discipline has evolved from being a fundamental natural science to a research field that can solve real-world problems with creative and practical solutions. Prof. Erle Ellis talked about anthropogenic landscapes that pose new challenges in regard to our future. It is possible for ‘non-human nature’ to thrive together with humanity over time? The solution is up to us and our choices as societies in order to exist together.

The second day began with an original speech in the form of a dialog between a ‘teacher’ (Prof. Grahame Shane of the Columbia University) and a ‘scholar’ (Ed Wall of the University of Greenwich) who discussed the global and local challenges of urbanisation and how humanity is living more and more in urban areas rather than in rural or semi-natural ones. They addressed the issue of urban areas and which challenges these pose to our future. During the third day several excursions in Milano and its surrounding areas (urban parks in town, Agricultural Park

South Milano, Monte Barro regional Park, Langhe & Monferrato, Portofino ...) allowed delegates to visit and discuss different landscapes, from Mediterranean to Alpine habitats and from really human dominated areas to more natural parks.

Thursday, a roundtable led by Prof. Christine Fürst showed the perspectives for the future of landscape ecology from different regions of the world.

The last day hosted the plenary speech by Prof. Gianfranco Pacchioni from the University of Milano Bicocca. His interesting presentation dealt with the relationship between humans and the environment from a different point of view: he showed how new technologies and the new branches of knowledge such as artificial intelligence and genetic editing can work together with research in landscape ecology and future developments of human societies, giving an unusual and stimulating view about human development.

The Congress will generate two main legacies for the near future: on one hand, relevant scientific findings from the thematic sessions will be published in many special issues in prestigious scientific journals. On the other hand, the Italian Society of Landscape Ecology (SIEP) will initiate an in-depth debate with Italian public administrations and – thanks to the cooperation with other IALE chapters – even with European public administrations. The main outcomes of the Congress will be adapted into practical recommendations and guidelines for functionaries and policy makers in the form of a document that will be presented during the next National Congress of the Italian Chapter in Autumn 2020 in Milan.





## IALE World Congress: Awards for Special Service and Young Scholars

### Awards for Special Service

IALE was very grateful for the indispensable commitment and long service of three of its members, Felix Kienast, Thomas Edwards and Ralf-Uwe Syrbe which received consequently the award for special services. Felix Kienast, the „living memory of IALE“ served as Past President IALE 2015 – 2019, President of IALE 2011 – 2015 and Deputy Secretary General IALE 2007 – 2011. Thomas Edwards served as Secretary General IALE 2007 - 2019 and Ralf-Uwe Syrbe was Treasurer of IALE from 2007 - 2015.

### Awards for Young Scholars - Travel Stipends

It was a particular pleasure of IALE international together with IALE Italy

to provide travel stipends for 50 young scholars in an international context which enabled them to participate at the IALE World Congress and enrich it with their fresh and new ideas. The following Young Scholars received the award: Ana-Maria Calota (Romania), Paul Savary (France), Marc Gimenezmrangez (Austria), Franciszek Chwalczyk (Poland), Yaojin Zhou (China), Laurie Dunn (France), Luc Farly (Germany), Chia Hsieh (Taiwan), Joan Diazcalafat (Spain), Asitkumar Roy (India), Lucy Ridding (Uk), Wen Wang (Japan), Yue Yang (China), Zeina Baher (Egitto), Quianyuan Liu (China), Miroslav Sifta (Czechrepublic), Qian Mao (China), Praveen Kumar (India), Geertje Veeken (Uk), Jon Henn (Usa), Yina Hu (China), Qiandu Huang (China), Sidoine Bokossa

(Benin), Sophie Breitbart (Canada), Hayato Hasegawa (China), Tu Xueying (China), Yilun Li (China), Aditi Bhardwaj (India), Aicelmae Alvarez (Philippines), Lea Uroy (France), Lucie Dietz (France), Xutong Wu (China), Yanjiao Ren (China), Lucie Lecoq (France), Luoman Zhao (China), Wang Man (China), Danna Lyu (China), Ying Luo (China), Isabella Romitelli (Brazil), Roshanak Afrakhteh (Iran), Junghee Hyun (Southcorea), Ilia Tamburadzhev (Bulgaria), Cleandho Marcosdesouza (Brazil), Monika Egerer (Usa), Tomomi Sudo (Japan), Michaela Lo (Uk), Sohini Neogy (India), Gabriela Rosa (Brazil), Dana Natawiguna (Indonesia), Rebecca Kariuki (Tanzania).

Author: Christine Fürst (Germany, Past-President)



## Call for proposals: 2023 IALE World Congress

IALE chapters and members are invited to suggest suitable candidates for the following awards to be instituted during the 2019 World Congress and distributed every subsequent WC.

The International Association for Landscape Ecology (IALE: [www.landscape-ecology.org](http://www.landscape-ecology.org)) invites proposals for the 2023 World Congress. The IALE World Congress is the premier event for landscape ecologists worldwide and regular attracts ~1000 attendees. The event lasts one week and must include plenaries, symposium, oral sessions, posters sessions, a social dinner, and field trips. Past locations include:

**2003** – Darwin, Australia

**2007** – Wageningen, The Netherlands

**2011** – Beijing, China

**2015** – Portland, Oregon, USA

**2019** – Milan, Italy

IALE is committed to providing the fullest support possible for hosting

the event including loans, direct travel support for young scholars, processes and procedures developed over the past 20 years, program assistance, registration, etc. **We encourage all interested parties to submit a proposal, particularly regions who have not previously hosted, such as Africa and Latin America. Bids are due by January 1, 2021.**

### Criteria:

- All proposals must be routed through an IALE national or regional chapter. We will not accept bids directly from individuals, academic/research institutions, or private companies.
- Please provide details about the city,

transportation options, and local amenities (e.g. locations for field trips).

- Provide potential venues, the name of institutional(s) support (not sponsors), and name of potential conference chair/co-chair
- Provide an overview of the meeting management structure. Will there be support from an events company?
- Please provide details about meeting sustainability efforts: How can we reduce our meeting footprint?

Please provide your proposal as a PDF file to [Robert Scheller, IALE President](mailto:Robert.Scheller@ncsu.edu)

## New IALE Executive Committee



From 1 May – 15 June 2019 IALE elected a new Executive Committee (EC) for the period 2019 – 2023. All members in good standing were asked to vote for their favourite candidates in a web-based election. The new EC was installed at the 10th World Congress in Milan (July 1st - 5th, 2019).

Members of the new are:

### President:

*Robert Scheller* (North Carolina State University, USA)

### Secretary General:

*Peilei Fan* (Michigan State University, USA)

### Treasurer:

*Irene Petrosillo* (University of Salento, Italy)

### Vice-Secretary General and Communication Officer:

*Bastian Steinhoff-Knopp* (Leibniz University Hannover, Germany)

### Past president 2015-2019:

*Christine Fürst* (Martin Luther University Halle-Wittenberg, Germany)

### New elected Vice Presidents (2019 – 2023):

*Dolors Armenteras* (National University of Colombia)

*Henry Bulley* (City University of New York, USA)

*Benjamin Burkhard* (Leibniz University Hannover, Germany)

### Still elected Vice Presidents (2017 – 2021):

*Liding Chen* (Chinese Academy of Sciences), *Sima Fakheran*

*Esfahani* (Isfahan University of Technology, Iran)

*Cristian Echeverria* (Universidad de Concepcion, Chile)

### IALE Council Chair:

*Danilo Boscolo* (Universidade de São Paulo, Brasil)

Find more information on the EC on our website [www.landscape-ecology.org](http://www.landscape-ecology.org) and in the last IALE Bulletin (Vol. 37, No. 1)

A message from the new IALE Council Chair, Danilo Bascolo

## Dear IALE members of all Chapters and regions,

I would like to openly thank the recognition and trust invested in me by the IALE council members present in the 10th IALE World Congress in Milan this year, which have indicated my name and elected me as the new Chairman of the Council for the next term. I especially wish to thank the former Chairman, Xizuhun Li (term 2011-2019), for her efforts in keeping the Council running for all those years, and Diane Pearson for being the Vice-chair. I also welcome all Chapter Representatives, both former and new ones, to this new term of the IALE Council. It is with humble pleasure that I take this position, and I only wish to work to the best of my ability to fulfil the council mission.

The IALE Council consists of a group of representatives elected by each regional chapter, forming a support group for the IALE President and Executive Committee (EC) and acting as a second advisory chamber that directly expresses the regional interests and concerns of the chapters before the IALE EC. The Council makes recommendations that are brought to the IALE President and EC through the

Chairman of the Board, an elected officer, selected at a face-to-face meeting during IALE international congresses. Because of that, the Council can be understood as one of the most important democratic instruments within IALE's decision-making structure.

I have been the representative of the Brazilian chapter (IALE-BR, of which I am the current president) since the 8th World Congress in Beijing in 2011 and have followed the council's activities since then, by participating in all of its presentational or online meetings. As the newly elected Chairman of the council, I intend to work on increasing the connection between chapters, both regionally and globally. Currently, our biggest challenge is to bridge the gaps in communication among chapters and of those with the EC. The way I see, finding effective ways in which the different regions of the world can share their knowledge and expectations is crucial for the development of Landscape Ecology worldwide. Additionally, as Chairman I have accepted to work on different committees organized by the EC aiming to bring the



impressions and desires of the local chapters in solving key IALE issues, such as new fee and affiliation structures and communication improvements. I believe that the next years, under this new EC and presidential term, there will be a myriad of other issues and challenges to come. I, therefore, invite all council members and IALE community to actively participate in constructing with us that what we wish Landscape Ecology to become in the next decade.

*Regards,*

*Danilo Bascolo*

(Brasil, Chair IALE Council)



## New Working Group: Food and Water Security

The overarching objective of the Food and Water Security IALE Working Group (WG) is to determine the state of current knowledge in this area as it relates to landscape scale drivers, couplings, and dynamics across ecological and social dimensions. We ultimately would like to document the state of our current knowledge and to identify gaps that can be addressed by landscape ecologist working across a variety of disciplines, and to forge new partnerships with NGOs and others that are influential in the area of policy and funding.

The goals of our Food and Water Security IALE Working Group are to:

1. Determine the current state of knowledge of food and water security in developing countries that relate to socioecological dynamics, drivers and outcomes at landscape scales
2. Identify areas of critical need for new research and policy to achieve a Zero Hunger goal
3. Develop and maintain bridges to policy and funding organizations whose mission is to reduce hunger at local to global scales

Current WG includes members from North America, Europe, Africa, Asia and South America.

Author: Bryan Pijanowski (USA), WG Leader

## Participation of IALE at IUFRO 2019, the World's largest forest research congress



An audience of more than 2,800 people from more than 96 countries. More than 1,200 research projects presented in five plenary sessions, 19 sub-plenary sessions, 172 technical sessions, 350 scientific sessions, 1,648 oral presentations, and 1,200 posters. These are some of the key numbers from the XXV IUFRO World Congress, the largest forest research event in the world, which was held for the first time in Latin America, in Curitiba, Brazil, from September 29 to October 5, 2019.

IALE-IUFRO joined forces to organize the sub-plenary session on "Forest Biodiversity in the framework of global change and the role of landscape sustainability science". This sub-plenary focused on options to move landscapes towards sustainability which requires fundamental transformations or transitions, including changes in how forested landscapes are valued, including newly established relations between societal actors, new

rules as well as supportive rather than controlling roles of governments. This demands a holistic vision towards forests as key ecosystems for the maintenance of biodiversity and the sustainable provision of ecosystem services. Within this framework, the sub-plenary aimed at stressing the importance of an integrative landscape level perspective to support sustainability towards a balanced forest management integrating multiple objectives, including biodiversity and conservation targets, in the light of the UN 2030 Sustainable Development Goals (SDGs).

Four keynote speakers provided their views and experiences to the sub-plenary: Maria João Santos focused her presentation on forest conservation, building local capacity and enhancing livelihoods, exploring the potential for synergies through agroforestry. Anne-Maarit Hekkala introduced Ecoparks in Sweden as an option to support multifunctional forests with high biodiversity value. Olav Skarpaas discussed biodiversity responses in North European forests highlighting the importance of forest structure and dynamics at local and landscape scales.

Anne Chuter closed the sub-plenary with an applied approach developed for the Tasmanian forest practices system, the biodiversity landscape planning guideline (BLPG), for managing biodiversity across the landscape.

The XXV IUFRO World Congress was also an opportunity to meet the IUFRO Landscape Ecology Working Party. During the business meeting of the WP, participants discussed the future of the WP, the next biannual international conference of the WP as well as elected the WP officers for the 2019-21 term. João Azevedo, Peilei Fan and Jose Alberto Gobbi will lead the WP during the coming two years. For the same term, Pinar Pamukçu Albers (Europe), Ke-Ming Ma (China), Dolors Armenteras (Latin America), Toshiya Matsuura (Japan and Oceania), Peilei Fan (North America), Syed Ajjur Rahman (South & South-east) will be regional representatives. Giovanni Sanesi will be the thematic coordinator for Urban Forestry and Dolors Armenteras will be responsible the IUFRO Landscape Ecology WP in the IALE-IUFRO WG.

Authors: Sandra Luque (France) and João Azevedo (Portugal)

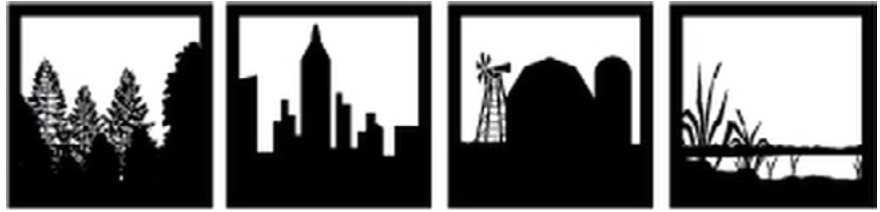


## IALE - North America: Landscape Ecology Without Borders

## Dear IALE Community,

I am happy to share news with you of our past year of progress and change in our organization. This spring we embraced multi-national, cross-continental connections by considering a formal change to the name and scope of our association to the **International Association for Landscape Ecology - North America (IALE - North America)**. The geographic scope of our Regional Chapter, founded in 1986 and originally encompassing only the United States, now includes Canada and Mexico, and invites participation from other North American nations.

Between the 2018 and 2019 US-IALE annual meetings, with approval of our membership, we worked to revise the bylaws and formalize this proposed change. These revisions seek to reach underrepresented scientists, practitioners, and students across the entire continent and to ultimately increase member diversity and knowledge exchange. This past July we presented our desired changes at the IALE World Congress in Milano, Italy where both the IALE Council and Executive Committee supported our move.



## IALE - NORTH AMERICA

Since IALE approval, we have updated our web and social media outlets. Here are the handles and addresses you will want to save:

- Twitter: @iale\_na
- URL: [www.ialena.org/](http://www.ialena.org/)
- Membership email listserve: IALENA-L

Finally, we are super excited to hold our 2020 annual meeting in Toronto, Canada, themed, "Becoming IALE - North America: Landscape Ecology Without Borders" where we plan to pilot some innovative approaches to break cost and travel barriers, again reflecting our effort to reach broader participation across North America. See the conference theme and call for symposia here: [www.ialena.org/annual-meeting.html](http://www.ialena.org/annual-meeting.html)

Looking forward from the Toronto meeting President-Elect, Nancy McIntyre and team will help set the course for the next generation of our Regional Chapter: IALE-North America. I can't wait to see the many connections we'll make across borders!

*Sincerely,*

*Janet Silbernagel*

(President IALE-North America)  
[jmsilber\(at\)wisc.edu](mailto:jmsilber(at)wisc.edu)





## The RENATUR project

The loss of peri-urban open spaces and the natural heritage within them can be prevented by timely, political and planning co-operation beyond administrative borders. The European Regional Development Fund provides 1.27 Mio. Euro for the new Interreg Europe project RENATUR to develop improved policy instruments for peri-urban open spaces. The policies will help to:

- protect ecosystems and their services;
- conserve biodiversity and reduce the loss of biodiversity;
- reduce the soil sealing;
- prevent fragmentation of ecosystems and improve their connection;
- raise awareness about the green infrastructure concept in land-use planning.

The project is coordinated by the Martin Luther University Halle-Wittenberg, and brings together partners from six regions: Flemish Land Agency, BSC, Business support centre, Ltd., Kranj, Hajdú-Bihar County Government, Ministry of Regional Development and Transport, Saxony-Anhalt, University of the Basque Country and Mazovia Development Agency Plc. Similar to IALE, the RENATUR project serves as a platform to exchange knowledge and experiences and advance international co-operation. Stakeholders from national, regional and local authorities as well as from interest groups and associations, private sector, academia or media are actively engaged in RENATUR. Opportunities for participation range from interregional thematic



workshops to peer review exercises and public presentations of action plans.

Learn more about RENATUR:  
[www.interregeurope.eu/renatur](http://www.interregeurope.eu/renatur)

or contact us directly:  
 Marcin Spyra (project leader, [marcin.spyra@geo.uni-halle.de](mailto:marcin.spyra@geo.uni-halle.de)), Jennifer Hauck (communication manager, [jennifer.hauck@coknow.de](mailto:jennifer.hauck@coknow.de)).

## New handbook published: Landscape Planning with Ecosystem Services

While human well-being depends upon the conservation and sustainable use of biodiversity and ecosystem services, global changes and unsustainable human activities increasingly threaten the world's capacity to deliver those services over the long term.

In Europe and beyond, a solution to such challenges can be found by merging landscape planning with ecosystem services concepts. Landscape planning has strengths in recognition of public benefits and implementation mechanisms, while the ecosystem services approach makes the connection between the status of natural assets and human well-being more explicit. It can also provide an economic perspective, focused on individual preferences and benefits, which helps validate the acceptability of environmental planning goals. Thus linking landscape

planning and ecosystem services provides a two-way benefit, creating a usable science to meet the needs of local and regional decision making.

The new handbook entitled "Landscape Planning with Ecosystem Services - Theories and Methods for Application in Europe" is structured around the Driving forces-Pressures-States-Impacts-Responses framework, providing an introduction to relevant concepts, methodologies and techniques. It presents a new, ecosystem services-informed, approach to landscape planning that constitutes both a framework and toolbox for students and practitioners to address the environmental and landscape challenges of 21st century Europe.

The book consists of contributions from 46 authors, 31 chapters and more than 500 pages. The book was edited by Christina von Haaren, Andrew Lovett and Christian

Albert and is available in bookstores, libraries, and online: [www.springer.com/us/book/9789402416794](http://www.springer.com/us/book/9789402416794)

Author: Christian Albert (Germany)







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:** Robert Scheller (2019-2023), North Carolina State University, North Carolina State University, Campus Box 7106, Raleigh, NC 27695-7106 USA, [rschell@ncsu.edu](mailto:rschell@ncsu.edu); **Secretary General:** Peilei Fan (2019-2023), Michigan State University, 201M Human Ecology Building, 552 West Circle Drive, East Lansing, MI 48824, USA, [fanpeile@msu.edu](mailto:fanpeile@msu.edu); **Treasurer:** Irene Petrosillo (2019-2023), University of Salento, 73100 Lecce, Italy, [irene.petrosillo@unisalento.it](mailto:irene.petrosillo@unisalento.it); **Communication Officer and Deputy Secretary General:** Bastian Steinhoff-Knopp (2019-2023), Leibniz University Hannover, Schneiderberg 50, 30167 Hannover, Germany, [steinhoff-knopp@phygeo.uni-hannover.de](mailto:steinhoff-knopp@phygeo.uni-hannover.de); **Past President:** Christine Fürst (2019-2023), Martin Luther University Halle-Wittenberg, Von-Seckendorff-Platz 4, 06120 Halle (Saale),

Germany, [christine.fuerst@geo.uni-halle.de](mailto:christine.fuerst@geo.uni-halle.de);

#### *Vice Presidents and their role in the Executive Committee:*

**Dolors Armenteras** (2019-2023; Latin America); National University of Colombia, Av. Carrera 30 # 45-03, Edif. 476 - Facultad de Ciencias, Bogotá D.C., Colombia, [darmenterasp@unal.edu.co](mailto:darmenterasp@unal.edu.co); **Henry Bulley** (2019-2023; 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); **Benjamin Burkhard** (2015-2019; Europe), Leibniz University Hannover, Schneiderberg 50, 30167 Hannover, Germany, [burkhard@phygeo.uni-hannover.de](mailto:burkhard@phygeo.uni-hannover.de); **Liding Chen** (2013-2021; 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); **Sima Fakheran Esfahani** (2017-2021; Near East; Tasks: IALE Chapter networking, female landscape ecologists network, education), Isfahan University of Technology, Faculty of Natural Resources, Isfahan, 84156-83111, Iran, [\[cc.iut.ac.ir\]\(mailto:cc.iut.ac.ir\); \*\*Cristian Echeverria\*\* \(2017-2021; Latin and South America; Tasks: Networking in Latin American countries, students and young researchers network\), Universidad de Concepcion, Victoria 631, Barrio Universitario Concepción, Chile, \[cristian.echeverria@udec.cl\]\(mailto:cristian.echeverria@udec.cl\); Chair of the Council: \*\*Danilo Boscolo\*\*, Universidade de São Paulo, Av. Bandeirantes, 3900 - CEP 14040-901 - Bairro Monte Alegre - Ribeirão Preto - SP - Brasil, \[danilo.boscolo@gmail.com\]\(mailto:danilo.boscolo@gmail.com\).](mailto:fakheran@</a></p>
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IALE International on the Internet:  
[www.landscape-ecology.org](http://www.landscape-ecology.org)

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PLEASE: Send your contributions to the Bulletin Editor **Bastian Steinhoff-Knopp**: [steinhoff-knopp@phygeo.uni-hannover.de](mailto:steinhoff-knopp@phygeo.uni-hannover.de)