



# iale BULLETIN

INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY

## Dear IALE Community:

The year 2020 is in the middle of the „changing seasons“: Autumn in the northern hemisphere and spring in the southern hemisphere change the face of our favorite research subject, landscapes. While many universities are back to teaching, the number of corona infections is also on the rise. Many of us had to do without conferences, excursions, research stays, and fieldwork this year.

But we have also discovered and initiated many new things: Online conferences and teaching and new forms of collaboration. This year the IALE Executive Committee met online, a proven method. An important decision concerns the introduction of a new member management system which will also include a new website. The system will be rolled out in January 2021 - read more in the next IALE

Bulletin. Meanwhile, this issue provides information on the important work of the new IALE Diversity and Inclusion committee and funding options for chapter and working group activities in 2021.

Best regards

***Bastian Steinhoff-Knopp***  
IALE Communication Officer

## New IALE Diversity and Inclusion Committee: Update on our planned efforts and ways to get involved

*Jen Costanza, USA*

To facilitate the inclusion of underrepresented groups within IALE, the Diversity and Inclusion Committee has recently formed. Our overall goal is to help facilitate a welcoming and inclusive culture within the organization. We wish to increase inclusivity and equity within IALE for all underrepresented groups, including but not limited to those based on: gender, sexual orientation, race, culture, ethnicity, gender, and socioeconomic standing. We are beginning to work toward accomplishing those aims by: (1) being open and transparent in our activities, with information on our committee and its activities readily available on the IALE website, and regular communication with the membership via the IALE monthly newsletter; (2) working with committees across IALE to improve diversity and facilitate inclusion and equity; (3) formalizing language related to diversity and inclusion to be used by IALE.

To that end, you can expect several things from our committee in the months ahead:

- A statement regarding equity and

inclusion will be added to the IALE website, along with information about our committee and its activities.

- We plan to solicit feedback and discussion from you – the IALE members – on ideas for the committee, challenges and issues you face, and ways we can address them.
- We are currently drafting a new code of conduct for meetings that are sponsored by IALE, and we will be asking for your comments as we finalize that.
- Virtual programming related to diversity and inclusion issues for landscape ecologists.

We also plan to include special programming at the next IALE World Congress in 2023 to address diversity and inclusion, facilitate dialogue among IALE members, and solicit ideas and feedback to guide our committee's efforts.

Watch for regular updates with more information in the monthly IALE newsletter regarding these and other activities.

**Have ideas for our committee?** We want to hear from you. Please send any ideas for our committee to Jen Costanza (email listed below).

**Want to be a member of the committee?**

We invite participation from anyone interested, and we are currently actively soliciting new members. Anyone is encouraged to join us, especially if you're from a geographic region or other underrepresented group not currently included on our committee. Contact Jen Costanza (email listed below) to get involved.

Chair:

***Jen Costanza***, USA,  
email: [Jennifer.costanza@usda.gov](mailto:Jennifer.costanza@usda.gov)

Current members:

***Dolors Armenteras***, Colombia

***Monika Egerer***, Germany

***Sima Fakheran***, Iran

***Laura Farwell***, USA

***Amy Frazier***, USA

***Robert Scheller***, USA

# Competitive call: Support for IALE Chapter and Working Groups for 2021

*IALE Executive Committee*

*Dear IALE members,*

We support your contribution to IALE International by funding global collaborations between landscape ecologists.

We consider chapter and working group activities to be key for engaging the IALE community and supporting landscape ecology as an integrative discipline. Therefore, we ask for competitive applications for the financial support of chapter and working group activities or events.

## **Budget**

- There is no explicit limit for the requested budget
- The executive committee decided to allocate a budget of EUR 15.000 for support

## **Criteria**

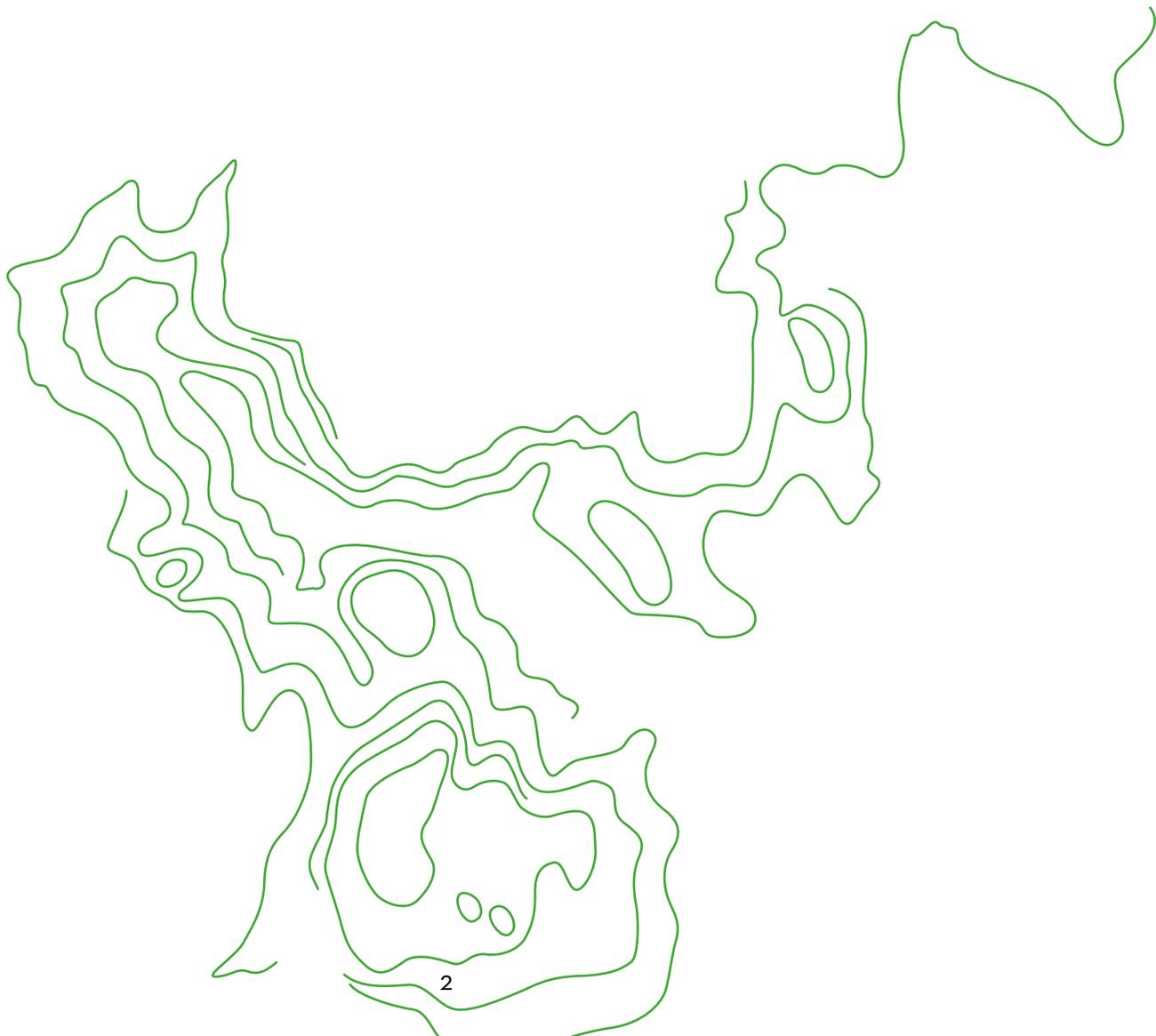
- Chapter dues must be fully paid for the proceeding year at the time of application.
- Chapter information must be updated on the IALE-World web site: [www.landscape-ecology.org/regions/list-of-iale-regions.html](http://www.landscape-ecology.org/regions/list-of-iale-regions.html)
- Working Groups must have been active in the past year and their respective web sites fully updated.
- Working Groups must provide a list of active members. More than 50% should be IALE members in good standing.
- The money must be spent in the calendar year 2021.

## **Proposal**

- Proposals must include a one page description of the event or activity and a financial plan that justifies the requested money.
- Proposals for an event or activity must outline how their activity promotes global collaborations.
- Proposals can be submitted until December 15, 2020 to Robert Scheller ([rschell@ncsu.edu](mailto:rschell@ncsu.edu))
- Executive Committee members review and decide on the proposals until January 15, 2021

We are looking forward to your ideas, suggestions and proposals!

***The IALE Executive Committee***



# CALL FOR PAPERS



**Special Issue: Landscape analysis  
from interdisciplinary approaches  
towards application of novel technologies**

## Special Issue in Landscape Ecology:

Landscape analysis from interdisciplinary approaches towards application of novel technologies - Call for Papers

*Ileana Patru-Stupariu, Romania*

### Theme & Objective

The aim of this issue is two-fold. We are first looking for contributions in which the interdisciplinary approaches (such as simulations, modelling, object-based analysis, smart infrastructure, interactive planning solutions, and international treaties) are directly applied to a specific problem in landscape analysis. Secondly, the interdisciplinary approaches are directly linked to the use of novel technologies, which could stimulate the development of new research directions or could provide suitable solutions to practical problems. We are looking for contributions that highlight the use of novel technologies in relationship with key topics in landscape ecology. This special issue will focus on topics such as artificial intelligence, immersive technologies, and participatory mapping technologies, and explore how they could contribute to better understanding the links between the spatial arrangements of the landscape elements and the socio-ecological systems.

**Deadline for First Submission:**  
*January 31, 2021*

Please follow the [submission guidelines](#).

Please submit online via [Editorial Manager](#) and select article type "SI-Interdisciplinary landscape analysis with novel technologies".

Expected Publication:  
*September 2021*

### About the Guest Editors

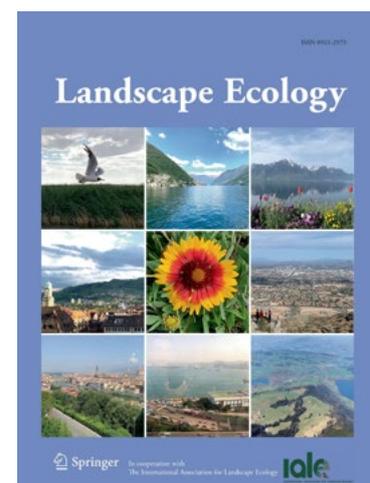
**Prof. Ileana Patru-Stupariu** is head of the Transdisciplinary Research Center Landscape-Territory-Information Systems (CeLTIS) at the Institute of Research of University of Bucharest, Romania. She is also President and part of the working group of the [Romania Chapter](#) of the International Association for Landscape Ecology. Prof. Patru-Stupariu's detailed résumé can be viewed [here](#).

**Prof. Dr. Christine Fürst** is Professor for Sustainable Landscape Development at the Martin Luther University Halle-Wittenberg and Head of the European Land-use Institute. She is also a member of the [German Chapter](#) and Past President (2015 - 2019) of the International Association for Landscape Ecology. Prof. Dr. Fürst's detailed résumé can be viewed [here](#).

**Dr. Mihai-Sorin Stupariu** is Associate Professor at the Faculty of Mathematics and Computer Science at the University of Bucharest. He holds a PhD in mathematics (geometry) from the University of Zürich. The opportunity to be involved with interdisciplinary teams as well as the teaching load increased his interest in applicative issues; and to make the switch to geometry in relation to mathematical applications in terrain and landscape modeling and computer graphics and applications. Dr. Stupariu's detailed résumé can be viewed [here](#).

**Dr. Robert M. Scheller** is Professor of Landscape Ecology at North Carolina State University (NCSSU) in the Department of Forestry and Environmental Resources. He is also President (2019 - 2023) of the International Association for Landscape Ecology. Dr. Scheller received his PhD in Forest Ecology from the University of Wisconsin. His research focuses on how landscapes have changed, how they will change, and why it matters. Dr. Scheller's research examines past and future landscape change due to climate change and human activities, management, and values. He has published more than 100 manuscripts and book chapters, and his first book, "[Managing Landscapes for Change](#)" (Springer) is due to be published in 2021. Dr. Scheller's detailed résumé can be viewed [here](#).

Find more information [here](#).





# Landscape Online

open access peer reviewed

## Special Issue on 'Education in landscape ecology - Sharing knowledge and experience'

*Werner Rolf, Germany*

As an outcome of the last IALE world congress in Milan the IALE-Europe working group 'Education in landscape ecology - Sharing knowledge and experience' has launched a so called 'Living Special Issue' in Landscape Online. This 'Living Special Issue' enables ongoing publication possibilities within the topic of teaching and learning landscape ecology. Of particular interest are approaches that bring together different disciplines and promote interaction within those disciplines as well as with the 'real world', the society. Also encouraged are educational approaches that arise from the different landscape ecology perspectives such as the more holistic, humanistic, and society-centred views, grounded approaches as well as the more analytical and biological ecology-centred approaches. Three articles have been published in the meanwhile (see below), another few are currently under review.

We herewith would like to invite further contributions on different educational. Besides topics mentioned, we are also interested in innovative approaches that arise due to experiences with distance teaching and/or hybrid learning approaches during Covid-19 situation and what we can learn of them to further develop curricular in Landscape Ecology. If you have any interesting experiences to present based on teaching programs, classes and modules, methods and tools do not hesitate to contribute to our special issue, submit a manuscript and share your experience with the wider community. Please also keep an eye on the upcoming call of the IALE 2021 European Congress on Landscape Ecology, taking place in Warsaw (see announcement in this Bulletin). There will be different symposia addressing Education on Landscape Ecology. We welcome all of you contributing to these sessions.

More information at the journals website:  
[www.landscape-online.org/index.php/lo/education\\_in\\_LE](http://www.landscape-online.org/index.php/lo/education_in_LE)

If you want to know more about the work of the IALE-Europe WG please visit our website:

[www.iale-europe.eu/working-group-education-landscape-ecology-sharing-knowledge-and-experience](http://www.iale-europe.eu/working-group-education-landscape-ecology-sharing-knowledge-and-experience)

### Articles published as part of this Special Issue



Felix Kienast, Selina Gosteli, Thomas C. Edwards, Jr., Gregor Martius  
*Lessons learned from the first worldwide accessible e-learning in Landscape Ecology*

Submitted: 23 Apr 2020 | Published: 5 Oct 2020; DOI: [www.doi.org/10.3097/LO.202083](http://www.doi.org/10.3097/LO.202083)



Elizabeth Hane, Karl Korfmacher  
*Integrating Multiple Perspectives in an Urban Ecology Course*

Submitted: 29 Jun 2020 | Published: 25 Sep 2020; DOI: [www.doi.org/10.3097/LO.202082](http://www.doi.org/10.3097/LO.202082)



Stefan Zerbe  
*Teaching applied landscape ecology in interdisciplinary and intercultural student groups - Experiences from a 10-years study abroad program*

Submitted: 20 Jun 2020 | Published: 15 Sep 2020; DOI: [www.doi.org/10.3097/LO.202081](http://www.doi.org/10.3097/LO.202081)



All articles will be published online as Open Access articles and finally indexed in Scopus literature database ensuring high visibility. Therefore, all manuscripts need to undergo a double blind peer review process. All IALE members are offered a fee waiver of 10%.

## Upcoming IALE Conferences

### September 2021

*III Brazilian Congress of Landscape Ecology: 15 years of IALEBr: Challenges and Perspectives of Landscape Ecology in Brazil*

São Bernardo do Campo, Brazil

> More information



### 05-09 July 2021

*IALE 2021 European Landscape Ecology Congress: Making the future, learning from the past*

Warsaw, Poland

> More information

#### The latest news:

- More than 30 symposia proposals have been accepted!
- A wide range of topics will cover the different dimensions and perspectives of Landscape Ecology in Europe and beyond!
- The call for abstracts will be launched beginning of November, check the congress website soon!
- Call for workshops and short courses is still open!
- We looking forward to welcoming you in Warsaw, in real life!
- So stay tuned: [www.iale2021.eu](http://www.iale2021.eu)



## 1st IALE-Russia Conference moved to online format

Due to the restrictions induced by the Covid-19 pandemic the 1st IALE-Russia Conference moved to an online format. The Conference opened on 14 September 2020, and followed the traditional pattern: parallel sessions were organized along with the plenary talks; participants were able to select presentations and switch between the sessions. The online platform provided an opportunity to view all conference presentations, to create group chats and to communicate with authors of interest. It was a huge success overall with some great social events: a poetry session and an all night dance party!

[Conference Website](#)

## Socio-Ecological Practice Research for Sustainable Landscape Governance

Conference in online-virtual environment jointly organized by ELI / ICUB / SEPR / IALE-Romania

*6-8 September 2020*

The joint ELI / ICUB / SEPR / IALE conference provided a forum for interactions between young researchers, scientists and practitioners. The themes of the conference included:

- European Landscape Convention – 20 years. Best practice examples: from scientists to practitioners
- Novel technologies, instruments, modelling and knowledge implementation in Geo and Life Sciences
- Global pressures / land-use change, landscape resilience
- Landscape governance as a socio-ecological practice: historicistic and international perspectives

- Ecological wisdom for sustainable landscape governance: exemplary cases from around the world
- Ecopracticology: a new name for some old ways of thinking

This international conference was jointly organized by the European Land-Use Institute (ELI), ICUB, the Doctoral School Simion Mehedini (University of Bucharest, Faculty of Geography), the international journal Socio-Ecological Practice Research (SEPR) and IALE Romania.

The conference was very successful with the highest attendance ever for an IALE-Romania event. Our keystone social event revolved around regional meals and wines, shared among attendees (virtually, of course).

[Conference Website](#)

## ESP Conferences: Special Update

The latest news on the conferences from our IALE-related partner organisation ESP (Ecosystem Service Partnership)



In the period 2020/2021 the ESP is organising a series of regional conferences for the Ecosystem Services community around the globe. In light of the COVID-19 crisis, some of the conferences have had a change of date or format, to ensure the health and safety of participants. Here is a list of all the conferences confirmed to take place:

- 3rd ESP Latin America and Caribbean Conference*, 25-27 November 2020, Mexico City, Mexico (online conference)
- 2nd ESP MENA Conference*, 27-29 January 2021, Rabat, Morocco
- 3rd ESP Africa Conference*, 1-5 March 2021, Rwanda
- 3rd ESP Europe Conference*, 7-10 June 2021, Tartu, Estonia
- ACES-ESP Conference*, 13-16 December 2021, Bonita Springs, Florida, USA
- 4th ESP Europe Conference*, October 2021, Greece



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, [fanpeilei@msu.edu](mailto:fanpeilei@msu.edu); **Treasurer:** Irene Petrosillo (2019-2023), University of Salento, 73100 Lecce, Italy, [irene.petrosillo@unisalento.it](mailto:irene.petrosillo@unisalento.it); **Vice-Secretary General and Communication Officer:** 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, [fakheran@cc.iut.ac.ir](mailto:fakheran@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@usp.br](mailto:danilo.boscolo@usp.br).

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

**Bulletin Deadline** Vol. 38 no. 4:  
04.12.2020;

PLEASE: Send your contributions to the Bulletin Editor Bastian Steinhoff-Knopp:

[steinhoff-knopp@phygeo.uni-hannover.de](mailto:steinhoff-knopp@phygeo.uni-hannover.de)