



1st IALE-Russia International Conference  
Moscow 14-18 September 2020



## Landscape Science and Landscape Ecology: Considering Responses to Global Challenges

### Second announcement

Dear colleagues,

due to the restrictions induced by the Covid-19 pandemic we move the 1<sup>st</sup> IALE-Russia Conference to online format. The Conference will open on 14 September 2020, its duration will depend on the number of submitted presentations. Online conference will follow the traditional pattern: parallel sessions will be organized along with the plenary talks; participants will be able to select presentations and switch between the sessions. Besides, online platform will give an opportunity to view all conference presentations, to create group chats and to communicate with authors of interest.

Owing to prevailing uncertainty we could not open registration on the previously planned dates, and we must carry it out now at short notice. Registration is open at our website <https://iale-russia.ru/index.php/en/registration>.

Please note, that currently we need first to collect the names of the participants, the abstracts of presentations can be submitted later. We kindly ask you to register for the Conference by 20 May 2020 г.

The theme “Landscape Science and Landscape Ecology: Considering Responses to Global Challenges” gains special relevance in our days, since we all face unpredictable and unforeseen challenges which already have influenced our lives including the organization of our conference. But we believe that with your contribution we will make a full-scale scientific event with a balanced and interesting program!

## **LIST OF SESSIONS**

<b>Code</b>	<b>Session title</b>	<b>Organizers</b>
<b>I. Landscape spatial structure and dynamics - LSSD</b>		
<b>I.1</b>	Landscape field research – methods and approaches, the structure of data, and problems of sample plots data extrapolation to polygons	Dmitry Chernykh, Dmitry Zamolodchikov, Svetlana Solodianskina
<b>I.2</b>	Landscape heterogeneity and hydrological processes under change: observations, modeling, and outcomes	Dmitry Pershin and Vsevolod Moreydo
<b>I.3</b>	Stochastic and deterministic modeling of landscape structure: processes and metrics	Vladislav Sysuev and Alexey Victorov
<b>I.4</b>	Multidimensional landscape modeling and its practical application	Alexander Krenke
<b>I.5</b>	Modelling emergent properties of a natural landscape as a perspective for landscape studies and landscape planning	Eugeny Kolbovsky
<b>I.6</b>	Transdisciplinarity in landscape research: landscape synthesis from nature and human perspective	Dmitry Marinskikh, Tatyana Kolesnikova, Sergey Kirpotin
<b>II. Natural hazards - NH</b>		
<b>II.1</b>	Investigating degradation, desertification or simply land use change?	Vera Schreiner and Burghard Meyer
<b>II.2</b>	Ecosystem services of erosion regulation - research methods, historical and statistical trends, value assessment	Ralf-Uwe Syrbe and Svetlana Solodianskina
<b>II.3</b>	Wildfire as a global phenomenon: long-term fire dynamics, ecosystem response and fire management	Elena Novenko, Maxim Bobrovsky, Tatiana Kharitonova
<b>II.4</b>	Transformation of The Arctic and Subarctic Landscapes under Climate Change and Human Impact	Gabriela Schaepman-Strub, Larisa Zotova, Ksenia Ermokhina
<b>II.5</b>	Cryolithozone landscape dynamics under climatic changes	Timofei Orlov, Olga Trapeznikova
<b>II.6</b>	Landscape evolution and its function responses under integrating drives of permafrost degradation and climate change	Wang Genxu, Yang Yan
<b>II.7</b>	Landscape epidemiology: environmental risk factors and disease distribution	Svetlana Malkhazova, Varvara Mironova
<b>II.8</b>	Mountain landscapes: indicators of climate changes and suppliers of ecosystem service	Dmitry Chernykh
<b>III. Historical landscape ecology - HLE</b>		
<b>III.1</b>	Long-Term Socio-Ecological Transitions: Towards Energy—Landscape Integrated Analysis of Global Land Use and Cover Change	Victor Matasov and Joan Marull
<b>III.2</b>	Environmental history of forest landscapes	Olga Trapeznikova and Victor Matasov

<b>Code</b>	<b>Session title</b>	<b>Organizers</b>
<b>III.3</b>	Rural development and land use / land cover change: modern trends and major driving forces	Oxana Klimanova, Alexey Naumov
<b>IV. Landscape assessment and planning - LAP</b>		
<b>IV.1</b>	Landscape-Ecological Scientific Approach to the Concept of Ecosystem Services	László Miklós, Zita Izakovičová
<b>IV.2</b>	Regional and Landscape Aspects of Ecosystem Services Assessments	Elena Bukvareva and Karsten Grunewald
<b>IV.3</b>	Landscape planning as a perspective tool for cooperation with nature: how to manage matter flows, emergent effects, and context-dependent values	Alexander Khoroshev
<b>IV.4</b>	Visioning as a starting point of sustainable landscape development	G.B.M. Pedrolì
<b>IV.5</b>	Envisioning multifunctional sustainably productive and biodiversity friendly landscapes: Mainstreaming Nature Based Solutions beyond demonstration projects in urban and rural areas	Ina Säumel
<b>IV.6</b>	Social-ecological system dynamics: challenges and opportunities to strengthen the science-policy interface for a sustainable land management	M. Schultze, K. Merekalova, P. Kumar & C. Fürst
<b>IV.7</b>	Objectification of subjective value and perception of a landscape	Eugeny Kolbowsky and Tatiana Kharitonova
<b>V. Land use and land management - LULM</b>		
<b>V.1</b>	Landscape Studies and Tourism Management of Protected Areas	Vera Chizhova, Natalia Luzhkova
<b>V.2</b>	Knowledge production and learning for sustainable forest landscapes	Per Angelstam and Andrey Ptichnikov
<b>V.3</b>	Traditional management of riparian forests and planning of landscape verges	I.J. Diaz-Maroto
<b>V.4</b>	Transformation of the Eurasian grassland landscapes: the patterns, drivers and implications	Alexander V. Prishchepov, Ksenia Myachina, Ilya Smelansky
<b>V.5</b>	Coadaptation and coevolution of human-nature interaction in agricultural landscapes	Daniil Kozlov
<b>V.6</b>	Urban Green Infrastructure and Ecosystem Services	Ralf-Uwe Syrbe and Liliia Sulkarnaeva
<b>V.7</b>	Green and Blue for Re-Naturing Cities	Olga Likhacheva and Anton Shkaruba
<b>V.8</b>	Gentrification, rehabilitation, restoration: constructing a sustainable landscape	Alexey Sayanov
<b>V.9</b>	Landscape structure and land use of mountain countries	A. Gunya, M. Petrushina, K. Ramesh

## **REGISTRATION FEES**

<b>Registration fee</b>	<b>Early bird</b>	<b>Regular</b>
IALE member	€20	€30
Non IALE member	€30	€50
Student fee IALE member	€10	€15
Student fee non IALE member	€15	€25
Student fee non IALE member	Rub 500	Rub 1000
Russian participant non IALE member	Rub 1000	Rub 1500
Student fee IALE-Russia member	Rub 300	Rub 500
Student fee non IALE-Russia member	Rub 500	Rub 700

## **FORMAT OF PARTICIPATION AT THE CONFERENCE**

Long oral presentation (15 min)

Flash-presentation (5 min)

Attendee

## **IMPORTANT DATES**

9 March 2020 – Deadline for submission of the session proposals

11 May 2020 - Registration and abstract submission open

20 May 2020 - Deadline for early bird registration (only registration, without payment of the registration fee)

30 June 2020 - Deadline for abstract submission for Long oral presentation

30 July 2020 - Acceptance notification

31 August 2020 - Deadline for abstract submission for Flash-presentation

7 September 2020 – Registration closure

## **CONTACTS**

Conference website: [iale-russia.ru](http://iale-russia.ru)

Organizing Committee email: [ialeruconf2020@gmail.com](mailto:ialeruconf2020@gmail.com)