



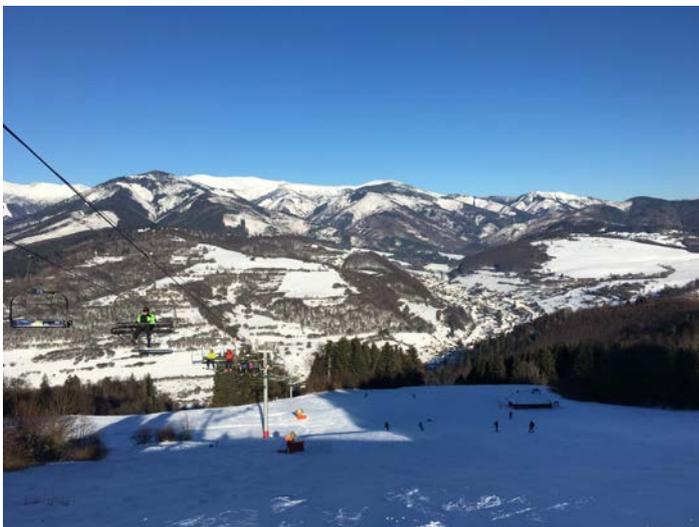
LANDSCAPE EUROPE Newsletter – January / February 2017

Dear Landscape Europe Network readers,

Here is a new issue of the Landscape Europe Newsletter full of information about upcoming events in 2017 and also some offers for training possibilities.

*In case, you would like to support us with new information for our next issue, please do so. We will be glad to **pass all relevant information** to the Landscape Europe community via our web page and through the LE-Newsletter.*

Wishing you interesting reading and looking forward to receive your comments and inputs for the next issue of the LE-News.



With kindest regards
Jana Borovská and the ILE SAS team
Network Coordination Office



TRAINING SESSION

eLTER H2020 is pleased to announce a training session contributing to Ecosystem Integrity monitoring at LTER sites.

The training will be focused on:

Plant productivity and indexes as a proxy for basic ecosystem features



DATES

Monday May 8th – Friday May 12th, 2017

LOCATION

CNR Research Area RM-1, Monterotondo (Rome), Italy

Rationale

Measuring productivity and related features like biomass of an ecosystem or habitat is an important objective in monitoring and research programs dealing with system approaches. As a basic system feature this is indispensable when addressing Ecosystem Integrity or Ecosystem Services. We offer a training session bringing together experts from various projects and organizations, intending to share methods and develop ideas. The main focus is on training recent methods addressing plant productivity of systems at different scales.

In the training we will consider several methods, also those not requiring too much investment in expensive devices, so that most research, monitoring or observation sites (LTER, ICP-Forests, ICOS) will be able to apply the trained methods later on by themselves. The methods will be applicable for sites with sparse or seasonal vegetation too.

The field methods trained (measurement of Leaf Area Index – LAI, biomass, ###) will be also connected to Remote and Proximal Sensing approaches (Normalized Difference Vegetation Index - NDVI, green indexes) with consideration of up-scaling issues from plot to site and landscape level.

LAI measures will be applied according to protocol which should later be applied at the sites of participants, for which we are aiming at gaining a single dataset for all participating sites, analyse and publish it (as an article and a published dataset as well).

Basic information on logistics

Location: CNR Research Area RM-1, Monterotondo, 30 km North of Rome, connected to Rome Fiumicino – Leonardo da Vinci Airport by train (every 15 minutes)

Lodging: CNR guest house will be provided free of charge for the participants until is filled. Prioritisation in considering the requests for lodging will be defined in the 2nd

Announcement. Information on local hotels of farm guest houses will also be provided. Meals will be provided free of charge to all participants.

Travel: travel costs have to be covered autonomously by participants

For preliminary information please contact Giorgio Matteucci: giorgio.matteucci@cnr.it

OPEN CALL

SUSTAINABLE DEVELOPMENT GOAL LABS

Deadline: **10 February 2017**

A chance to contribute: New effort will provide seed funding for projects to develop innovative solutions for complex challenges in sustainability, such as inequality, the global food system or ecosystem services.



Future Earth (<http://futureearth.org/>) and the *Stockholm Resilience Centre* (<http://www.stockholmresilience.org/>) are launching a call for applications for Sustainable Development Goal Labs (SDG Labs). These labs will bring together participants from a range of research disciplines and sectors of society, including media and communications, to develop prototype solutions for complex problems connected to the United Nations' Sustainable Development Goals (SDGs). They will contribute to two upcoming events: the *Resilience 2017 conference* and the *International Conference on Sustainability Science*, which will be held back-to-back in Stockholm from 21 to 26 August 2017.

The organisers of the new call for SDG Labs are seeking “**brilliant ideas with the potential to make major breakthroughs on the SDGs.**”

To learn more about this call or how to apply, see the background briefing and application guidelines.

http://futureearth.org/sites/default/files/sdglab_conceptnote_jan2017.pdf

The SDG Labs are multi-stakeholder processes to catalyse transformation in institutions, systems and sectors of society, such as the global food system, international governance, inequality and poverty or ecosystem services.

The goal of this effort is to build innovations that can fundamentally change the systems that created the problem in the first place. The labs may focus on social, ecological or technological innovations or, more likely, a combination of the three.

The organisers plan to provide up to 5,000 USD in seed funding for 5 to 7 labs. **The labs can take place anywhere in the world but must be held before 21 August 2017.** The outcomes

of the labs will be presented at a special science-policy session of the two conferences in Stockholm on 24 August 2017. The vision of the organisers is for the labs to feed into *the UN's High Level Political Forum (HLPF) in 2018*, which has the theme of “Transformation towards sustainable and resilient societies.”

INTERNATIONAL TRAINING SCHOOL

“GLOBAL AND LONG-TERM EFFECTS OF NITROGEN ON ECOSYSTEMS”

NecoSchool International training school on the effects of Nitrogen on Air Quality, Ecosystems and Biodiversity

15 – 26 May 2017

**Faculdade de Ciências da
Universidade de Lisboa, Portugal**



Organization: NitroPortugal

Co-organization: eLTER, ILTER Nitrogen Initiative, INMS, LTsERmontado

Coordination: [Cristina Branquinho](mailto:Cristina.Branquinho@fc.ul.pt) and [Pedro Pinho](mailto:Pedro.Pinho@fc.ul.pt) | cmbranquinho@fc.ul.pt
and ppinho@fc.ul.pt

The Centre for Ecology, Evolution and Environmental Changes, Faculty of Sciences, University of Lisbon, is organizing a two-week international training school on the effects of atmospheric nitrogen (N) on air quality, ecosystems and biodiversity. The course entitled “Global and long-term effects of nitrogen on ecosystems” is open to PhD students and early career postdoctoral researchers of the University of Lisbon (funded by H2020 NitroPortugal project). As the Portuguese example is relevant to other Mediterranean countries and to other long-term ecological research sites, this training school will be open to a wider audience (such as the International Long-Term Ecological Research Network, ILTER). The school will provide training in a holistic approach of key aspects related to N issues under the WAGES concept (nitrogen threats to Water, Air, Greenhouse balance, Ecosystems and Soils), with a long-term perspective. The programme will link science to practice, research to environmental management needs and training of decision makers. Theoretical lectures will be complemented with detailed case studies, short practical training sessions on specific techniques and four days of field work. Students will be exposed to tools for research and management of N emissions and effects on the environment. Available existing data from the Long Term Ecological Research (LTER) network will also be used to critically assess the impact of N deposition on Mediterranean ecosystems.

The field work and many practical examples will be based on LTsERmontado, a network of sites devoted to the long-term study of this Mediterranean savannah-like ecosystem which has been shaped by human activities for millennia.

The montado system provides an example of a semi-natural ecosystem where the provision of multiple ecosystem services co-exists with high levels of biodiversity, and where N deposition is a potential threat for many of these ecosystem services.

Trainers: Experts from NitroPortugal project from Denmark, Portugal and the United Kingdom. Other experts from INMS (USA and Japan) and from ILTER

Audience: The Training School will welcome persons willing or already engaged in activities related to the effects of nitrogen on ecosystems and long-term ecological studies.

FCUL and ISA: 20 grants (supporting expenses), will be available in a competitive call from NitroPortugal project for FCUL and ISA's PhD students and early career PostDoctoral researchers.

Other students: 20 places will be available for other students/researchers on the basis of a fee (to be defined). This covers tuitions fees, materials during the course, field excursion travels, lodging and food during the 4 days' field travel and insurance.

EVENTS 2017

LANDSCAPE FUTURES
UNIVERSITY OF COPENHAGEN
19-21 JUNE 2017



The **deadline for abstract** for the conference Landscape Futures has been **extended to Friday 17 February 2017**

The Section for Landscape Architecture and Planning, University of Copenhagen, in association with UNISCAPE and the Centre for Landscape Democracy (CLaD), Norwegian University of Life Sciences, announced a call for papers for an international conference on Landscape Futures to be held at the University of Copenhagen, 19-21 June 2017.

Following up on previous UNISCAPE conferences, we invite contributions to 5 themes: landscape stewardship, landscape-based solutions, imagining future landscapes, the right to landscape and democratic practices, and landscape education.

Please find more information on the Landscape Futures **conference web site:** <http://ign.ku.dk/landscape-futures>

**IALE 2017 EUROPEAN CONGRESS
“FROM PATTERN AND PROCESS
TO PEOPLE AND ACTION”
GHENT, BELGIUM
12-15 SEPTEMBER 2017**



IALE-Europe and Ghent University are pleased to invite you to the IALE 2017 European Congress.

Calls

The call for symposia is closed.

The call for papers is open until 3 March 2017.

The congress theme reflects that landscape ecology as a meeting point - where pattern and process meet people and action - seen as a way of thinking when dealing with European landscapes. We want to put emphasis on the integration of pattern and process as a biophysical component of landscape ecology with people and action, bringing in the social and cultural approaches. This requires a true interaction of natural and social sciences, and of science, policy and practice.

The overall congress theme will be discussed through three connecting threads/leitmotifs in both the academic and social aspects of the event:

- Natural and social sciences
- Nature and culture
- Local and global
- Science, policy and practice

This congress is time to reflect, because IALE celebrates 35 years, this is the moment to reflect about current trends and approaches in Landscape Ecology.

PhD Course

In conjunction of the congress, an Intensive PhD course in landscape ecology will be organised. Further details will be available soon at the Congress web-page.

Important dates

3 March 2017 - Deadline for abstracts

3 April 2017 - Acceptance of abstracts

1 June 2017 - Early bird registration

18 August 2017 - Final registration deadline

11 September 2017 - National chapter meetings and congress registration

12-15 September 2017 - Congress

11-19 September 2017 - PhD course

Link: <http://www.iale-europe.eu/iale2017> .

One of the the IALE 2017 European Congress session will be:

SOCIAL – ECOLOGICAL SYSTEMS (S-E-S) AND PARTICIPATORY METHODS FOR SUSTAINABLE LANDSCAPE MANAGEMENT

Organized by:

Marta Pérez-Soba, Wageningen University & Research, marta.perezsoba@wur.nl

Janet Dwyer, University of Gloucestershire, jdwyer@glos.ac.uk

The aims of the session will be:

- to illustrate the application of S-E-S thinking and novel research methods to this societal challenge at contrasting scales and in different spatial contexts;
- to discuss its potential to generate new and enhanced ideas for effective action through co-learning by researchers, stakeholders and policy makers;
- thereby to seek lessons and identify scope for future work at international level to strengthen the resilience of valued S-E-S in the context of increasing challenges.

Learn more:

<http://www.iale-europe.eu/social-ecological-systems-and-participatory-methods-sustainable-landscape-management>

SUSTAINABLE CITY 2017

12th INTERNATIONAL CONFERENCE ON URBAN REGENERATION AND SUSTAINABILITY

18 - 20 SEPTEMBER, 2017

SEVILLE, SPAIN



The 12th International Conference on Urban Regeneration and Sustainability addresses all the aspects of urban environment aiming to provide solutions leading towards sustainability

The challenge of planning sustainable contemporary cities lies in considering the dynamics of urban systems, exchange of energy and matter, and the function and maintenance of ordered structures directly or indirectly supplied and maintained by natural systems. The task of researchers, aware of the complexity of the contemporary city, is to improve the capacity to manage human activities, pursuing welfare and prosperity in the urban environment. Any investigation or planning on a city ought to

consider the relationships between the parts and their connections with the living world. The dynamics of its networks (flows of energy matter, people, goods, information and other resources) are fundamental for an understanding of the evolving nature of today's cities.

Conference Topics

- Urban strategies
- Planning, development and management
- Urban metabolism
- Quality of life
- The community and the city
- Infrastructure and society
- The S3 city: smart, sustainable and safe
- Eco-town planning
- Spatial conflicts in the city
- Urban transportation and planning
- Architectural issues
- Sustainable energy and the city
- Cultural heritage sites
- Urban conservation and regeneration
- Environmental management
- Flood risk
- Waste management
- Urban air pollution
- Health issues
- Water resources
- Landscape planning and design
- Urbanization of rural areas
- Urban agriculture
- Intelligent environment
- Planning for risk and natural hazards
- Waterfront development
- Case studies

PRIGOGINE AWARD 2017

The **Prigogine Gold Medal 2017 Award Ceremony** will take place at the University of Seville on Wednesday 20th September 2017.

The recipient of the 2017 Award will be Professor João Carlos Marques of the University of Coimbra in Portugal. He graduated from the University of Lisbon and received his PhD in Ecology from the University of Coimbra.

SPECIAL PRIGOGINE LECTURE on

“Coastal systems in transition: The game of possibilities for sustainability under global climate change.”

to be delivered by **Professor João Carlos Marques** at the University of Seville, Spain

Link:

<http://www.wessex.ac.uk/conferences/2017/sustainable-city-2017#Introduction-and-Topics>

Online abstract submission:

https://www.wessex.ac.uk/index.php?option=com_chronoforms5&view=form&Itemid=5533&chronoform=Abstract&conf=sustainable-city-2017

**RESILIENCE 2017 CONFERENCE
STOCKHOLM WATERFRONT CONGRESS
CENTRE, STOCKHOLM
21-23 AUGUST 2017**



Resilience 2017 will discuss resilience as a key lens for biosphere-based sustainability science. It will reflect back on the scientific progress made, and aim to set out exciting future directions for research. A main focus will be on global sustainability challenges and opportunities, which today are heavily influenced by the speed, scale and connectivity of the Anthropocene.

Four major conference themes:

- Social-ecological transformations for sustainability
- Connectivity and cross-scale dynamics in the Anthropocene
- Multi-level governance and biosphere stewardship
- Approaches and methods for understanding social-ecological system dynamics

Link:

<http://resilience2017.org/>

**PROBLEMS OF LANDSCAPE PROTECTION
AND MANAGEMENT IN XXI CENTURY
WARSAW, POLAND
20 -22 APRIL 2017**



Organizers: Department of Environmental Protection, Department of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences

Polish Ecological Club Mazovia Branch

The aim of the conference is to exchange experience, knowledge and ideas as regards landscape planning, protection and management in the face of current environmental challenges – in different countries, and try to find better solutions. Presentation of problems, legal instruments for landscape protection and management, indicating of advantages and disadvantages of these tools would be very valuable and useful.

Main sessions:

- landscape planning and design to face environmental changes
- hazards, protection and tools of management
- education and practice

Conference website: <http://polixxi.com/>

ECLAS 2017 CONFERENCE - CREATION / REACTION
UNIVERSITY OF GREENWICH, LONDON
10-13 SEPTEMBER 2017



Call for papers

Deadline for submission of abstracts – **Monday 6 March 2017**

Landscape architects, artists, planners, architects, geographers, ecologists and social scientists are invited to London’s World Heritage Site of Maritime Greenwich and the university’s award winning Stockwell Street building, from 10-13 September 2017 to discuss Creation / Reaction. The deadline for submission of abstracts is March 6 2017.

To submit an abstract and for more information click here:

<https://eclas2017london.com/conference/call-for-papers/>

Link:

<https://eclas2017london.com/>

BIODIVERSITY AND HEATH IN THE FACE OF CLIMATE CHANGE
BONN, GERMANY
27 - 29 JUNE 2017



Joint European Conference held by the German Federal Agency for Nature Conservation (BfN) and the European Network of Heads of Nature Conservation Agencies (ENCA) in co-operation with the Helmholtz-Centre for Environmental Research (UFZ) / German Centre for Integrative Biodiversity Research (iDiv). The event is co-sponsored by the World Health Organization (WHO) Regional Office for Europe.

The conference is part of a series of European Conferences on Biodiversity and Climate Change (ECBCC).

As a follow up, this year’s conference will highlight the important contribution of green spaces and biodiversity to human health in a changing climate.

The conference is divided into three main areas:

- day 1: science
- day 2: practice and implementation
- day 3: policy and economy

and will feature presentations by leading experts in the fields of biodiversity, health and climate change including.

Link:

<http://iflaonline.org/event/14731/>

**THE WORLD GREEN INFRASTRUCTURE CONGRESS
BERLIN, GERMANY
20. – 22. JUNE 2017**



is a **multi-day event concerning the greening of buildings** (greening of roofs, facades and indoor areas) with the associated accompanying topics (e. g. urban climate, rainwater management, sustainability).

In 2017, it will be organised by the Fachvereinigung Bauwerksbegrünung e.V. (Professional Green Roof Association) (FBB) with the support WGIN an EFB.

The congress offers:

- Knowledge transfer of greening of buildings (greening of roofs, façades and indoor areas)
- Showing of best practice examples
- Transfer of knowledge by industry experts from Germany and abroad in parallel series of lectures and discussion rounds.
- Networking. Meeting point. Addressing new target groups.
- Interdisciplinary exchange of experience between city representatives, architects, city planners, urban water developers, industrial and property representatives, manufacturers, processors, researchers, associations, politicians and other interested parties

Call for paper – extended to 10 February 2017

Call for poster by 31 March 2017.

Excursions

At the end of the congress, there is the possibility to participate in **excursions** to special green roofs and facades in Berlin.

Link:

<http://www.wgic2017berlin.com/en/about.html>

THE TREES, PEOPLE AND THE BUILT ENVIRONMENT CONFERENCE
UNIVERSITY OF BIRMINGHAM, U.K.
5 - 6 APRIL 2017



The Trees, People and The Built Environment conference is a unique gathering of built and natural environment professionals, working towards the shared goal of enhancing green infrastructure. It provides an important platform for collaboration between professions and offers new research on the environmental, social and economic benefits of urban trees.

Full programme:

<http://www.charteredforesters.org/wp-content/uploads/2016/11/Programme-1.pdf>

Link:

<http://www.charteredforesters.org/event/icf-trees-people-built-environment-3/>

NATURE AND SOCIETY:
SYNERGIES, CONFLICTS, TRADE-OFFS. ALATER-NET CONFERENCE 2017
2 - 4 MAY 2017
GHENT, BELGIUM



Through critical views from a range of disciplines, the conference aims to develop a deeper understanding of conflicts in human-nature relationships, and to explore the possibility that such conflicts may – through their resolution – actually lead to more sustainable solutions.

Through a mix of plenary sessions and interactive ‘living lab’ type workshop sessions, representatives from a wide range of disciplines (including those who may not be considered the ‘usual players’ in environmental debates) will collaborate towards developing a practical guide to nature-related synergies, conflicts and trade-offs, focusing on positive outcomes for nature and society.

Link:

<http://www.alter-net.info/outputs/conf-2017>

ECOLOGY & SAFETY
26TH INTERNATIONAL CONFERENCE
ELENITE HOLIDAY VILLAGE, BULGARIA
23–27 JUNE 2017



Main topic areas:

- Energy, Climate and Global Security in the 21st Century
- Ecology of Air, Soil and WaterEE
- Health and Safety
- Civil Protection and Disaster Management

Papers on other relevant topics are welcome too.

Abstract submission deadline - 28 February 2017

Registration form: <https://www.sciencebg.net/en/register/>

Link:

https://www.sciencebg.net/en/conferences/ecology-and-safety/?utm_source=SendBlaster&utm_medium=email&utm_term=12&utm_content=news&utm_campaign=Mix14

SUSTAINABILITY CONFERENCE

TRONDHEIM , NORWAY

18 - 20 OCTOBER 2017



NTNU Sustainability

Goal:

The NTNU Sustainability Science Conference aims to advance the field of sustainability science and contribute to the goals of the 2030 Agenda for Sustainable Development by:

- providing a forum for the international presentation of new research in the field of sustainability science;
- fostering an exchange of knowledge and good research practice between experts within all sustainability dimensions; and
- encouraging critical and cross-disciplinary discussion on current projects and initiatives.

Four themes will have special focus on the conference:

- Institutions, governance and ethics
- Smart and sustainable city services
- Biodiversity and ecosystem services
- Business models for sustainability

Particularly are encourage presentations that strengthen the science-policy interface and explore pathways to sustainable management of biodiversity, ecosystem services, and land-

use. The session is closely linked to Sustainable Development Goals 15 "life on land" and 14 "life below water".

Deadline for abstract submission is 15 March 2017.

THE GUNNERUS SUSTAINABILITY SCIENCE AWARD

The Award Ceremony will take place on **October 19, 2017**, in connection with the NTNU Sustainability Science Conference, October 18-20, 2017 in Trondheim, Norway. NTNU's cross-university and interdisciplinary strategic research area, NTNU Sustainability, hosts the conference as a platform to share evidence-based research and implementable strategies for sustainable decision-making. The Gunnerus Award in Sustainability Science will be awarded at a formal ceremony during the conference.



Link:

<http://www.ntnu.edu/web/sustainability-science/sustainability-science>

**ECOLOGICAL ECONOMICS IN ACTION:
BUILDING A REFLECTIVE AND INCLUSIVE COMMUNITY
CORVINUS UNIVERSITY OF BUDAPEST, HUNGARY
20-23 JUNE 2017**



Ecological economics has always aspired to have systemic impacts on human behaviour and institutional structures. Since its foundation in 1996, the European Society for Ecological Economics (ESEE) has combined diverse knowledge systems and disciplinary concepts and tools to foster sustainability. After two decades of scholarly work and community-building, it is timely to now reflect on our achievements and impacts.

Themes:

- Ecological Economics as Transformative Science
- Ecological Economics as Transdisciplinary Environmental Science
- Ecological Economics as Critical Inquiry for Advocacy and Justice
- Ecological Economics as Policy Science for Institutional Change
- Well-being in Ecological Economics
- Empirical Insights and Real-life Impacts by Ecological Economics

Link:

Further information about themes and the application process will be posted on the website: www.esee2017budapest.org

INTERNATIONAL CONFERENCE ON WOODED RURAL LANDSCAPE IN CE EUROPE**UNIVERSITY OF RZESZÓW, POLAND****20.-22.9.2017**

The conference aims at fostering interdisciplinary discussion and analysis. It seeks to encourage the sharing of knowledge from researchers studying wooded rural landscapes and representing from across disciplines: from taxonomy and ecology, from paleo-ecology and environmental history, from ethno-ecology, from spatial planning and landscape architecture, from land use economy involving ecosystem services. The conference will provide a theoretical foundation for the development of a new management and conservation approach that is essential for sustaining the richness and values of wooded rural landscapes in Central and Eastern Europe.

Thematic scope:

- Wooded pastures and silvo-pastoral woods: their status in contemporary Europe (abundance and geographic distribution, syntaxonomic status, conservation); ecology (including ecological history, paleoecology, processes and factors); their biodiversity; how they will fare under climate change
- Local and traditional knowledge connected to wooded rural landscapes: gathering and using the wisdom of farmers, herders, conservationists or others
- Wooded landscapes in contemporary land use economy and policies: what does modern farming and forestry, tourism and recreation, nature conservation, landscape architecture and spatial planning need from these systems.
- Towards future sustainable social-ecological systems: assessment of ecosystem services in the region, the cultural heritage: threats and opportunities in eco-development.

Abstract submission and registration deadline - 31 March 2017**Link:**

<http://www.woodscapes.ur.edu.pl/>

**INTERNATIONAL SYMPOSIUM:
DEBATING THE LANDSCAPE. DIDACTICAL ISSUES,
LEARNING PROCESSES, TRAINING.
GENEVA
25- 27 OCTOBER 2017**



This symposium is meant for students, teachers, trainers, lecturer-researchers, researchers, landscape actors involved in training and those interested in issues concerning the landscape and controversies. The symposium's main objective is to bring together actors from disparate spheres that rarely intersect: primary and secondary education, landscape schools, universities, management, vocational education structures, environmental education networks, associations, continuing education institutions, consultancy firms, local authorities or protected areas, decision-making or elected bodies, etc. in an effort to discuss this common subject and the educational issues it raises.

Proposals (in English or French), may take the form of: papers, posters, or presentations of teaching aids, tools or games.

Submission of short abstracts must be sent via e-mail to all of the following contacts before 13 February 2017:

- Anne Sgard: Anne.Sgard@unige.ch
- Sylvie Paradis: Sylvie.Paradis@unige.ch
- Sandrine Billeau: Sandrine.Billeau@unige.ch

More information on the symposium:

<http://www.unige.ch/portail-didactique-paysage/colloque/>

Call for papers in English:

http://www.unige.ch/portail-didactique-paysage/files/5314/8545/1365/Call_debating_the_landscape_V2_EN.pdf

Call for papers in French:

http://www.unige.ch/portail-didactique-paysage/files/5214/8545/1333/Appel_a_contribution_debattre_du_paysage_V2_VF.pdf

SUMMER SCHOOL

LAND-SYSTEM SCIENCE FOR ANALYSING DYNAMIC LANDSCAPES:

DATA, TOOLS AND MODELS

SEMINARHOTEL LIHN, FILZBACH GLARUS-NORD, SWITZERLAND

27. AUGUST 2017 – 01. SEPTEMBER 2017

Organizer: Zentrum Landschaft

Language: English

Type of event: Workshop

Audience: PhD students and Postdocs around the world (max. 20 students)



You will develop an integrated view on land-use change and landscape assessment. You learn to use/apply state-of-the-art data, tools and models for spatial analyses and efficiently translate your scientific findings to practitioners working in the field of land-use and landscape management..

Land use and the resulting landscape character is the result of complex human–environment interactions. The complexity of these processes increasingly challenges planners, environmental agencies and policy makers. In this summer school the students learn how science can support practitioners in their decisions on sustainable land-use/landscape development. They develop skills in data processing (remote sensing, 2D, 3D), apply a range of models (ranging from statistical models and frameworks to cellular automata), and learn about efficient tools for stakeholder involvement (e.g., landscape visualisation and perception by people). Topics addressed include urbanisation, land abandonment, ecosystem service mapping, conservation management, socio-economic development as well as conflict assessments between different land-use interests.

Requirements: Interest in quantitative and qualitative analysis of complex land systems; **interest in science-practice interfaces; basic knowledge in R, ArcGIS.**

Costs: 500 CHFr (accommodation and full board for the entire week).

Travels or transfers within Switzerland is not included.

Deadline for Registration: 1 May 2017

Link:

http://www.wsl.ch/forschung/landschaft/zentrum/Summer_School_2017_Land-change/index_EN
