



LANDSCAPE EUROPE Newsletter – February 2016

Dear Landscape Europe Network readers,

We have prepared a new issue of the Landscape Europe News.

In this issue you can find:

- offers for interesting free positions,
- information about a Joint International Summer School in Italy,
- information about a new eLTER H2020 project: Integrated European Long-Term Ecosystem & Socio-Ecological Research Infrastructure,
- new events in 2016
- and several publications.

We would like to inform you that the Landscape Europe web page <http://www.landscape-europe.net/> has been continuously updated. You can easily find there:

- Calendar of Events in 2016,
- Current Open Calls with links and important news,
- Summer Schools 2016,
- and other news.

Thank you those who supported us with new information from the Landscape Ecology area.

We would appreciate if you could find some time to write us and share your knowledge, tips, information about projects you are working on, interesting articles you come across or about your publication activities with the whole Landscape Europe community.

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



VACANCIES, POST-DOCS

UNIVERSITY OF NOTTINGHAM offers following positions:



Associate Professor at the Department of Geography

Closing Date: Monday, 22nd February 2016

<http://www.nottingham.ac.uk/jobs/currentvacancies/ref/SOC392015>

POSTDOCTORAL RESEARCH POSITION IN REMOTE SENSING



(31 MARCH OR UNTIL FILLED)

NASA's Jet Propulsion Laboratory (JPL) seeks a recent Ph.D. scientist with a unique background combining a foundation in Computer Science/Software Engineering with an application to Earth's environment, preferably in terrestrial ecosystems. The position will be part of the Postdoctoral Scholars Program with the California Institute of Technology (Caltech) at JPL in the Carbon Cycle & Ecosystems Group, Earth Science Section. The work will support an exciting new decadal NASA program called the Arctic Boreal Vulnerability Experiment (ABOVE).

Read more about the NASA remote sensing position here:

<http://start.org/announcements/call-for-applications-postdoctoral-research-position-in-remote-sensing>

http://start.org/files/2015/12/UMaine-grad-student-ad_ABoVE.pdf

GRADUATE RESEARCH ASSISTANTSHIP POSITION IN TERRESTRIAL ECOSYSTEMS (flexible deadline - position begins spring/summer 2016)



The School of Forest Resources at the University of Maine

currently has an open graduate research assistantship position, representing an exciting opportunity for a skilled and motivated student to gain experience in – and contribute to –

high level science addressing the responses and feedbacks of terrestrial ecosystems to climate change. The student's research will focus on synthesis and integration of newly available data sets across Mexico for use in regional-to-continental scale carbon cycle synthesis and modeling.

Read more about the Graduate Assistant position here:
<http://start.org/announcements/call-for-applications-graduate-research-assistantship-position>

**FOUR PHD POSITIONS
 AT THE INSTITUTE OF ENVIRONMENTAL PLANNING
 AT LEIBNIZ UNIVERSITÄT HANNOVER**

FOUR PHD POSITIONS IN LANDSCAPE PLANNING AND GIS, LANDSCAPE ECOLOGY, SOCIAL SCIENCES, AND ECONOMICS (SALARY SCALE 13 TV-L)

The positions are part-time (50%) and limited to up to five years.



Successful applicants will contribute to the research group PlanSmart, exploring innovative approaches to planning and implementing nature-based solutions for resilient development of metropolitan regions. PlanSmart focusses on water-borne challenges, cooperates with the Leibniz Centre for Agricultural Landscape Research (ZALF) and is funded through the program for Social-Ecological Research by the Federal Ministry of Education and Research.

The following positions are available:

- **PhD position in Landscape Ecology or Landscape Planning:** Modelling ecological potentials, risks, and effectiveness of nature-based solutions
- **PhD position in Social Sciences:** Assessing social conditions and effects of nature-based solutions
- **PhD position in Economics:** Modelling economic risks, impacts and benefit-cost-ratios of nature-based solutions
- **PhD position in Landscape Planning and GIS:** Developing a GeoDesign tool for the participatory planning of nature-based solutions

Position details

PlanSmart cooperates closely with partners from science, policy, and practice. Additionally, it actively contributes to research and policy support from local to global levels.

We offer excellent conditions for a successful career:

- Exciting and highly relevant research topics
- Dedicated research support and cooperation with excellent research partners

- Optimal research environment within a young, international and dynamic team
- Exceptional infrastructure for inter- and transdisciplinary research at the Leibniz Universität Hannover and its TRUST research initiative, at the Leibniz Centre for Agricultural Landscape Research (ZALF), and with cooperation partners.
- Numerous opportunities for further qualifications, e.g. at the Graduate Academy of the Leibniz Universität
- All benefits associated with a German public service position, including health insurance

The deadline for applications is March 3rd, 2016. Please refer to the individual calls for applications linked above or at the website below. For inquiries concerning PlanSmart and the positions, please contact Dr. C. Albert (albert@umwelt.uni-hannover.de).

Gottfried Wilhelm Leibniz Universität Hannover Institute of Environmental Planning
Herrenhäuser Str. 2, 30419 Hannover, Germany
<http://www.umwelt.uni-hannover.de/vacancies>

JOINT INTERNATIONAL SUMMER SCHOOL

ADVANCED METHODS AND NEW INTEGRATED APPROACHES TO STUDY SOIL PROCESSES IN MOUNTAIN ECOSYSTEMS

Alpine Study Center

Pieve Tesino (Trento, Italy)

26th – 30th June 2016

Link: <http://www.sensfor-cost.eu/index.php/taining-schools/pieve-tesino-training-school-26-30-juna-2016>



ENHANCING THE RESILIENCE CAPACITY
OF SENSITIVE MOUNTAIN FOREST
ECOSYSTEMS UNDER
ENVIRONMENTAL CHANGE



SOCIETÀ ITALIANA
DELLA SCIENZA DEL
SUOLO
MEMBER OF THE
INTERNATIONAL UNION OF SOIL SCIENCES



The Joint International Summer School is organized by both the Italian Society of Soil Science (SISS) and the COST ACTION “Enhancing the Resilience Capacity of Sensitive Mountain Forest Ecosystems under Environmental Change” (SENSFOR). The Italian Society of Soil Science (SISS) is designed to promote progress, coordination and dissemination of Soil Science and its applications, and to foster relations and cooperation among its members. SENSFOR is a COST Action started in 2012, and is investigating the drivers and extent of contemporary and future environmental changes in European mountain forests, developing methods for estimating their resilience and define consequences for society.

eLTER H2020 PROJECT

Integrated European Long-Term Ecosystem & Socio-Ecological Research Infrastructure



eLTER H2020 is a major project that will help advance the development of European Long-Term Ecosystem Research infrastructures.

The overall aim of the eLTER H2020 project is to advance the European network of Long-Term Ecosystem Research sites and socio-ecological research platforms to provide highest quality services for

multiple use of a distributed research infrastructure.

To achieve this, the LTER-Europe network and the European Critical Zone Observatories (CZO) community will collaborate in eLTER H2020. During the project, 162 sites in 22 countries will provide data on long-term trends in environmental change. Test cases using these data will address a range of environmental and social issues to push innovation in network level services and steer conceptual developments.

Transnational Access

Funded research visits to 18 European ecosystem research sites.

eLTER offers in-person (physical) Transnational Access (TA) to 18 well-equipped, long-term ecosystem research sites across major European socioeconomic and environmental gradients **in 17 countries**. The 18 sites have been carefully selected so as to be most attractive to prospective users in terms of their natural setting, the available instrumentation and installations, existing long-term data, and the related IT infrastructure. The host organisations of all 18 sites are participants of the eLTER project.

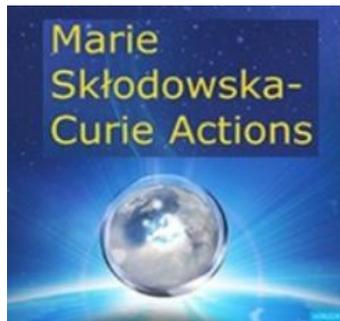
The eLTER TA scheme is aimed at:

- Scientific users, particularly the new generation of ecological and socio-ecological scientists, including students
- SMEs and larger industries interested in relevant technological developments
- Other stakeholders interested in data and other services provided by eLTER H2020.

THE FIRST CALL FOR PROPOSALS IS NOW OPEN.

Link: <http://www.lter-europe.net/elter/ta>

JOIN MARIE CURIE MASTERCLASS AT AARHUS UNIVERSITY



The Department of Environmental Science would like to collaborate with ambitious **postdoctoral researchers** with excellent research track records on Marie Skłodowska-Curie Individual Fellowships (MSCA IFs) in 2016 and onwards.

The department conducts research and advisory activities mainly within the following areas: Atmospheric Pollutions, Environmental Pollutants and Ecosystem services (see: <http://envs.au.dk/en/research/flagships/>)

Specifically, the **department is keen to host potential candidates to work on projects –preferably for two years - related to the following topics:**

- Arctic research
- Integrated spatial modelling of land-use, water and air quality, integrating natural and social scientific models and data
- Circular resource flows
- Atmospheric pollution and impacts on human health
- Environmental DNA
- Remediation of water and soil
- Climate change, mitigation and adaptation
- Sustainable energy and environment

For more detail show to apply check the following link:
<http://envs.au.dk/aktuelt/nyhed/artikel/work-at-scandinavia-best-university-for-environmental-research-1/>

All necessary documents must be sent no later than 14th March 2016.

EVENTS 2016

For more information visit the LE web page.

Calendar of Events 2016 is on our web page: <http://www.landscape-europe.net/index.php/landscape-news/forthcoming-events/100-calendar-of-events-2016>

For **current open calls**: <http://www.landscape-europe.net/index.php/landscape-news/articles/96-call-for-papers>

TASTING THE LANDSCAPE
53rd IFLA WORLD CONGRESS
20 – 22 April 2016



Putting the landscape, its care and its transformation at the center of the environmental and cultural debate in Italy and throughout the world. In fact, the landscape is an integral part of the development of a country: it improves the quality of life, makes its regions more attractive and thus favors their economic development.

This important objective was the starting point for organizing the 53rd IFLA (International Federation of Landscape Architects) World Congress, which will be held in Turin, Italy, from April 20th to April 22nd, 2016.

The theme chosen for the congress is Tasting the Landscape, understood according to the experiential, sensory and metaphoric meanings held within the word “taste”: meanings that go back to the sensory dimension of places, and that invite us not to forget the emotional and perceptive aspects of the landscape. This chosen title places emphasis on the landscape project as an instrument that produces quality, well-being, resources, and common assets as well as on the central role of the landscape professional in the processes of restoration and regeneration of places and regions. As the focus of our studies, we have chosen the peri-urban area, that is, that place at the border between the city and the countryside where the majority of the sustainability challenge for the city of the new millennium plays out.

The congress is organized by AIAPP – The Italian Association of Landscape Architecture, representing IFLA in Italy, in collaboration with the City of Turin.

Since 1950, AIAPP has been the reference point in Italy for all the various subjects tied to landscape architecture. It is made up of about 800 professionals that are involved in the knowledge, analyses, active conservation, design and management of open spaces, from gardens to parks to the landscape.



CHERISCAPE CONFERENCE V

LANDSCAPE IN IMAGINATION AND THE VIRTUAL FUTURE

14-16 June 2016

Newcastle, U.K.

CHerIScape is a landscape-focussed network funded within the European Joint Programming Initiative for Cultural Heritage. Its members come from a wide range of landscape and heritage related disciplines and areas of practice.

The deadline for the Call for Posters for our fifth CHerIScape conference on 'Landscape in Imagination and the Virtual Future', **will be extended till Monday 29th of February 2016.**

More information on the call for posters itself can be found on the conference website: <http://www.cheriscape.ugent.be/index.html@p=901.html>

Registrations will be open soon.

LANDSCAPE ARCHAEOLOGY CONFERENCE 2016

23-25 AUGUST 2016

UPPSALA UNIVERSITY, SWEDEN

Link: http://www.arkeologi.uu.se/LAC_2016/



The 4th International Landscape Archaeology Conference will be hosted by the Department of Archaeology and Ancient History. It will be held at Uppsala University, the oldest university in Scandinavia - founded in 1477 - on 23-25 of August, 2016.

An excursion to Gamla Uppsala will be arranged during the conference. Post-conference excursions options will include northern Uppland to visit sites associated with the iron industry by Walloon immigrants especially during the 17th century, and the island of Gotland well known for its prominence during the Viking Age and the architectural splendours of Visby - the main centre of the Hanseatic League during the 12th to 14th century. There will also be opportunities to visit various prehistoric sites in Sweden.

Further details concerning the excursions will be posted in February.

Questions regarding abstract submission should be sent to the secretariat at lac2016@arkeologi.uu.se

For questions regarding other matters (e.g. exhibition, venues, and general information) please contact Professor Paul Lane at paul.lane@arkeologi.uu.se

LAC 2016 - OPEN CALL FOR PAPER AND POSTER PROPOSALS

The list of the accepted sessions by themes is as follows:

A. Integrated Approaches in Landscape Archaeology

- A1** Living in a Landscape – How to incorporate the short-term in landscape archaeology
- A2** Interactions in archaeology
- A3** Late Glacial Northern Landscapes: an Integrative Approach to Paleolandscape and Human Land Use Reconstructions
- A4** “Cultural Landscapes: what for?” - Demonstrating the social impact of our work

B. Landscape Historical Ecology and Climate Change

- B1** PAGES LandCover6k: mapping past global anthropogenic land cover and land use for climate modelling
- B2** Land Use and Land Cover Change (LULCC) in pre-colonial sub-Saharan Africa
- B3** Landscape Archaeology and the History of the Commons
- B4** Environmental Humanities: A rethinking of landscape archaeology?

C. Landscapes and Water

- C1** Social construction and senses of water
- C2** Waterscapes – engineering and entanglement
- C3** Water harvesting systems as key for understanding human management of arid environments
- C4** Water or Land? Medieval Wetlands as Encultured Landscapes
- C5** The ever-changing environment: Landscape-archaeology in river landscapes
- C6** Archaeology of Water Landscapes

D. Frontier Landscapes, Landscape Frontiers

- D1** Crossing Boundaries: exploring the limits of “landscape”
- D2** Exploring the rural edge – Outland landscape exploitation and resource colonization
- D3** Rethinking “critical frontier studies”: Disentangling transitional landscape narratives
- D4** The landscape of The Mining District of Bergslagen - In the Borderland between the Agricultural Areas and the Large Wooded areas

E. Mediterranean Landscape Archaeology

- E1** Cross-disciplinary and integrative approaches to human-environment interactions in Mediterranean landscape archaeology
- E2** Mediterranean Seascapes: places, lifeways, interactions

E3 The Formation of Terraced Landscapes around the Mediterranean: Timing and Motivation

E4 Frontiers and island landscapes in Sardinia

F. Mobility and Landscape

F1 Rethinking Mountain Cultural Landscapes: Integrated analysis on pastoralism and transhumance

F2 Nomadic spatiality: the production of meaningful landscapes by mobile peoples

F3 Mobility, Stability and Human-Landscape Interaction in the archaeology of Asia

F4 Landscapes of mobility: the use of computational approaches in modelling ancient patterns of connectivity

G. Landscape Archaeology in Practice

G1 Historic Landscape Photography

G2 Archaeological Approaches to Coastal and Island Landscapes at Risk

G3 Geophysical approaches to landscape archaeology

G4 Exploring maritime landscapes by multi-proxy approaches: Combining geomorphological, palaeofaunistic and geophysical methods

The deadline for paper/poster submission is 1st April 2016.

Registration for the Landscape Archaeology Conference 2016 is now open!

Please take advantage of the early bird registration before 1 May 2016. All prices include VAT.

Early Bird Registration Fee:	Regular Participant: SEK 1700 Registered Student (please provide proof): SEK 1200
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Late Registration Fee: (after 15 th June 2016)	Regular Participant: SEK 2100 Student Participant: SEK 1700
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Conference Dinner at Gamla Uppsala 24th August: SEK 350

The CHeriScape-team has a session at this conference in Uppsala as A4:

**“CULTURAL LANDSCAPES: WHAT FOR?”
DEMONSTRATING THE SOCIAL IMPACT OF OUR WORK**

Organisers
Guillermo Reher, Graham Fairclough

In recent years, there has been an increasing expectation among policy makers and society more widely for investment in science and in heritage to be justified in social terms, not least in the light of the Faro Convention on the Value of Cultural Heritage to Society, and of the

ELC's emphasis on democratic participation in constructing and managing landscape. This should have compelled landscape archaeologists to become doubly aware of the need to show the value generated by their activities, whether these are social or economic. But has it? More often than not landscape archaeologists are greatly involved in the post-excavation valorization, planning and management of these areas, but in what is often an unrecognized role for landscape and heritage, hard evidence of the benefits of cultural landscape research are rarely presented. In this session, organised by members of the JPI-Cultural Heritage network 'CHeriScape' (www.cheriscape.eu), we will consider how landscape archaeologists are responding to this socio-political requirement for greater accountability. We will invite the presentation of examples of archaeologically-informed research and practice in cultural landscapes where there has been a concurrent or subsequent effort to evaluate the positive impact on society. In particular we invite discussion on how monitoring and evaluation was carried out, what resulted, and whether this was duly pitched to the policy makers, to positively reflect on the discipline. This session aims to include both landscape archaeology practitioners and specialists with experience in evaluating and quantifying the impact of cultural landscapes, so that the inter- and trans-disciplinary dialogue can help enrich the practice of researchers, scientists, cultural resource managers, spatial planners and consultants.

Contact: Guillermo Reher guillermo.reher@cchs.csic.es

SFÉCOLOGIE2016
THE 2016 INTERNATIONAL
CONFERENCE OF THE FRENCH
ECOLOGICAL SOCIETY
24 – 28 OCTOBER 2016
MARSEILLE, FRANCE



Link: <http://sfecologie2016.sciencesconf.org/>

OPEN CALL FOR ABSTRACTS TILL 20 APRIL 2016.

Sfécologie 2016 will host cca 500 oral contributions and 400 posters covering most conceptual domains of ecology. 20 broad key topics are proposed in order to sort submitted contributions. These broad topics aim to be transversal among biomes, in particular we will encourage submissions on both terrestrial and marine ecosystems. For key topics visit: <http://sfecologie2016.sciencesconf.org/resource/page/id/2>

PUBLICATIONS

Kaim, D., J. Kozak, N. Kolecka, E. Ziółkowska, K. Ostafin, K. Ostapowicz, U. Gimmi, C. Munteanu, and V.C. Radeloff (2016). Broad scale forest cover reconstruction from historical topographic maps. *Applied Geography*, 67, 39-48. DOI: 10.1016/j.apgeog.2015.12.003.

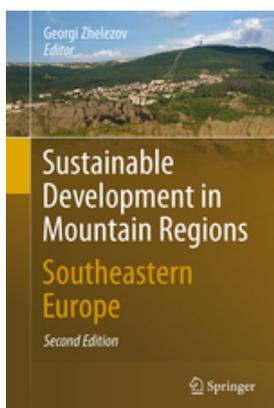
Hardman, C. J., Harrison, D. P.G., Shaw, P. J., Nevard, T. D., Hughes, B., Potts, S. G., Norris, K. (2016), Supporting local diversity of habitats and species on farmland: a comparison of three wildlife-friendly schemes. *Journal of Applied Ecology*, 53: 171–180. doi: 10.1111/1365-2664.12557

Cordingley, J. E., Newton, A. C., Rose, R. J., Clarke, R. T., Bullock, J. M. (2016), Can landscape-scale approaches to conservation management resolve biodiversity–ecosystem service trade-offs?. *Journal of Applied Ecology*, 53: 96–105. doi: 10.1111/1365-2664.12545

Barlow, J., Cadotte, M., Newton, E., Pettorelli, N., Plane, A., Stephens, P. A. and Whittingham, M. J. (2016), Achieving and communicating globally relevant applied ecological research. *Journal of Applied Ecology*, 53: 1–4. doi: 10.1111/1365-2664.12587

Geijzendorffer, I. R., Targetti, S., Schneider, M. K., Brus, D. J., Jeanneret, P., Jongman, R. H.G., Knotters, M., Viaggi, D., Angelova, S., Arndorfer, M., Bailey, D., Balázs, K., Báldi, A., Bogers, M. M. B., Bunce, R. G. H., Choisis, J.-P., Dennis, P., Eiter, S., Fjellstad, W., Friedel, J. K., Gomiero, T., Griffioen, A., Kainz, M., Kovács-Hostyánszki, A., Lüscher, G., Moreno, G., Nascimbene, J., Paoletti, M. G., Pointereau, P., Sarthou, J.-P., Siebrecht, N., Staritsky, I., Stoyanova, S., Wolfrum, S., Herzog, F. (2016), EDITOR'S CHOICE: How much would it cost to monitor farmland biodiversity in Europe?. *Journal of Applied Ecology*, 53: 140–149. doi: 10.1111/1365-2664.12552

Porqueddu, C., Ates, S., Louhaichi, M., Kyriazopoulos, A. P., Moreno, G., del Pozo, A., Ovalle, C., Ewing, M. A. and Nichols, P. G. H. (2016), Grasslands in 'Old World' and 'New World' Mediterranean-climate zones: past trends, current status and future research priorities. *Grass and Forage Science*, 71: 1–35. doi: 10.1111/gfs.12212



Sustainable Development in Mountain Regions - Southeastern Europe

Georgi Zhelezov

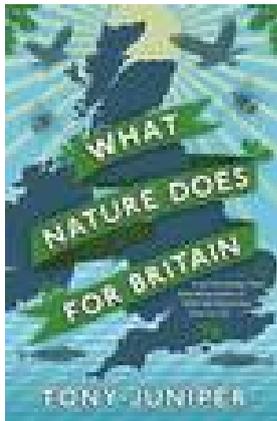
Springer International Publishing

2nd edition, XIV, 404 pages, 2016

ISBN: 978-3-319-20109-2

DOI: 10.1007/978-3-319-20110-8

This second edition of the book *Sustainable Development of Mountain Regions: Southeastern Europe* integrates the scientific results and expertise of the researchers from the countries in Southeastern Europe. The book consists of updated information for the topics observed in first edition and several new chapters with analysis of some problems in the mountain regions of four new for the edition countries in Southeastern European space. The general themes in the book are related to Global problems and mountain regions; Nature resources and landuse in mountain regions; Social, economic and regional problems of mountain regions; Nature protection, conservation and monitoring and Networks and strategies for mountain regions.



What Nature Does for Britain

Tony Juniper

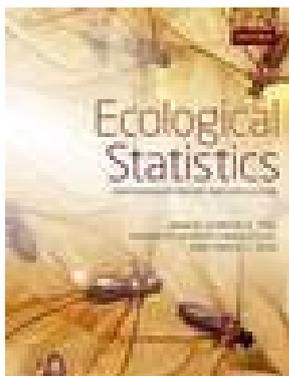
ISBN10: 9781781253281 ISBN13: 9781781253281

Publisher: Profile Books Ltd

Format: Paperback

Publication date: 12 Feb 2015

From the peat bogs and woodlands that help to secure our water supply, to the bees and soils that produce most of the food we eat, Britain is rich in 'natural capital'. Yet we take supplies of clean water and secure food for granted, rarely considering the free work nature does for Britain. In fact for years we have damaged the systems that sustain us under the illusion that we are keeping prices down, through intensive farming, drainage of bogs, clearing forests and turning rivers into canals. As Tony Juniper's new analysis shows, however, the ways in which we meet our needs often doesn't make economic sense. Through vivid first hand accounts and inspirational examples of how the damage is being repaired, Juniper takes readers on a journey to a different Britain from the one many assume we inhabit, not a country where nature is worthless or an impediment to progress, but the real Britain, the one where we are supported by nature, wildlife and natural systems at almost every turn.



Ecological Statistics

Gordon A Fox, Simoneta Negrete-Yankelevich, Vinicio J Sosa

ISBN10: 9780199672554 ISBN13: 9780199672554

Publisher: Oxford University Press

Format: Paperback

Publication date: 12 Feb 2015

The application and interpretation of statistics are central to ecological study and practice. Ecologists are now asking more sophisticated questions than in the past. These new questions, together with the continued growth of computing power and the availability of new software, have created a new generation of statistical techniques. These have resulted in major recent developments in both our understanding and practice of ecological statistics. This novel book synthesizes a number of these changes, addressing key approaches and issues that tend to be overlooked in other books such as missing/censored data, correlation structure of data, heterogeneous data, and complex causal relationships. These issues characterize a large proportion of ecological data, but most ecologists' training in traditional statistics simply does not provide them with adequate preparation to handle the associated challenges. Uniquely, *Ecological Statistics* highlights the underlying links among many statistical approaches that attempt to tackle these issues. In particular, it gives readers an introduction to approaches to inference, likelihoods, generalized linear (mixed) models, spatially or phylogenetically-structured data, and data synthesis, with a strong emphasis on conceptual understanding and subsequent application to data analysis. Written by a team of practicing ecologists, mathematical explanations have been kept to the minimum necessary. This user-friendly textbook will be suitable for graduate students, researchers, and practitioners in the fields of ecology, evolution, environmental studies, and computational biology who are interested in updating their statistical tool kits. A companion web site provides example data sets and commented code in the R language.
