Netherlands Ecological Research Network

NERN Messages

November 2018

HIGHLIGHTS

Netherlands Annual Ecology Meeting 2019 – Call for submission of abstracts for a presentation in one of the parallel sessions

(Deadline: Tuesday 11 December 2018)

The parallel sessions have now been selected by the NAEM Organising Committee. They can be found in the programme on the NAEM website. The call for submitting an abstract for an oral presentation in one of the parallel sessions is now open and will be open until TUESDAY 11 DECEMBER 2018. That gives you just under 6 weeks to look at the programme, think about the session that you would like to present your work in, make an abstract (max. 200 words!), and submit that along with a title of your proposed talk to the conveners of the session of your choice (their e-mail addresses are hyperlinked in the programme (under their names)).

Soil Ecology – The Multifunctional Potential of Soils

(27 - 31 January 2019)

Soils are pivotal for a large number of ecosystem services like delivering food, fibre and biofuels, clean air, drinking water and carbon storage. Because of increased intensive land use and global change scenarios, it is expected that these soil ecosystem services will be negatively impacted. For this reason, considerable efforts by scientists and policy-makers are directed towards optimizing land management for maximum functionality in terms of ecosystem services. How can we fully exploit the multifunctional potential of soils? And how is the soil's functionality impacted by land-use intensification and climate change? This is the theme for the 7th edition of the international PhD course on Soil Ecology.

8th IOBC/WPRS Working Group Meeting - Landscape management for functional biodiversity

(27 – 29 March 2019)

The aim of the meeting is to bring together the latest insights on current topics in landscape management for functional biodiversity, including the management for multiple ecosystem services, the identification of promising crop and non-crop management options to support biodiversity-based pest management, and initiatives to meet the challenge to halt the ongoing decline of important farmland species. Promising areas for future research will be identified. This meeting can be a perfect opportunity to broaden your insights regarding current challenges in the field, ánd to expand your network to interact with world-class scientists in the field.

Bugs at your Service - Fundamentals and application of arthropod-mediated ecosystem services

(31 March - 5 April 2019)

*This in-depth postgraduate course is organised **in conjunction with the IOBC-WPRS working group meeting**. This course will provide an overview of concepts and tools that can contribute to the design of multifunctional landscapes that are better suited to capitalize on ecosystem services in conjunction with other land use functions.*

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1. Workshops / Meetings / Symposia

- **Current Themes in Ecology 2018** Since there has been a delay in finalising of the "Deltaplan Biodiversiteitsherstel", the central topic of Current Themes 2018, the decision was made to cancel this edition of Current Themes in Ecology. The ambition is to have the Deltaplan finished before Christmas and as soon as this is the case you will be informed. For one, we intend to present the Deltaplan in the evening lecture of the NAEM 2019.
- **International Soil Modeling Consortium (ISMC) Conference - New perspectives on soil models** (5 - 7 November 2018) @ Wageningen, The Netherlands
- **Symposium Advances in tropical research** (15 November 2018) @ Amsterdam, The Netherlands
- **Symposium Dier of Ding (in Dutch)** (24 November 2018) @ Utrecht, The Netherlands
- **Integrale veerkracht: van bodemgezondheid naar gezondheid van plant, dier en mens (only in Dutch)** (7 December 2018) @ Utrecht, The Netherlands
- **ZOOLOGY 2018 - Zoology in the Anthropocene** (13 - 15 December 2018) @ Antwerp, Belgium

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2. Courses

- **Matrix Approaches to Health Demography** (5 - 16 November 2018)
  In this course, matrix methods will be used to analyze models based on prevalence and incidence data. The methods will go beyond the fixation on mean results and will incorporate variance and stochasticity. The class will introduce methods based on Markov chains, Markov chains with rewards, multistate matrix models, and matrix calculus. The new analyses will be compared, where possible, to traditional approaches.
- **Consumer-Resource Interactions** (2 - 6 December 2018)
  This one-week course will illustrate how adopting a consumer-resource approach can change our understanding of interactions, and how adaptive processes can be important in understanding both academic and applied problems in ecology. This edition of the course will focus on consumer-resource

interactions in times of global environmental change at three levels of integration: the individual-population level, the community-ecosystem level and the socio-ecological level.

- **Uncertainty Propagation in Modelling** (10 - 14 December 2018)
The purpose of this course is to familiarize participants with statistical methods to analyse uncertainty propagation in spatial modelling, such that they can apply these methods to their own models and data. Both attribute and positional errors are considered. Attention is also given to the effects of spatial auto- and cross-correlations on the results of an uncertainty propagation analysis. Computer practicals make use of the R language for statistical computing.

- **GIS in Practice** (4 - 15 February 2019)
GIS is commonly used as a tool to deal with spatial information. Although GIS packages are becoming increasingly user-friendly, the conceptual model behind the storage, analysis, and display is still essential to properly deal with these systems. This course aims to give an overview of this conceptual model, after which it will go in-depth in the use of ArcGIS using a number of practical cases.

- **ISRIC - Hands-on Digital Soil Mapping** (20 - 24 May 2019)
This course introduces methods and software for management, analysis and mapping of soil type and soil properties within the R environment for statistical computing. After this course participants will be able to apply the methods learnt to their own datasets.

- **ISRIC - Spring school on mapping and assessment of soils** (20 - 24 May 2019)
This course introduces methods and software for management, analysis and mapping of soil type and soil properties within the R environment for statistical computing. After this course participants will be able to apply the methods learnt to their own datasets.

3. Position Announcements

- **For job openings, check** our website.

4. Other News

- **NWO - Crossover call** (deadline: 15 November 2018)
The Crossover call aims to strengthen the Dutch knowledge and innovation system with outstanding scientific research that contributes to solving societal challenges.

- **KNAW Academy Ecology Fund** (deadline: 15 December 2018)
The Academy Ecology Fund supports ecological fieldwork in the Netherlands and abroad and ecological research abroad by young ecologists working in the Netherlands. Funding is intended primarily for fundamental research. Projects seeking a fundamental solution to practical problems are also eligible.

- **Call for abstracts 'Aquatic Invasions in the Anthropocene'** (deadline: 14 January 2019)
International Conference on Aquatic Invasive Species (ICAIS) 2019 will stimulate discussion, provoke debate and inspire action towards scientific collaboration at a global scale. PhD. With this grant these researchers can stay in the Netherlands for a maximum of four months.

- **NWO Visitor's Travel Grants** (Continuous application)
Researchers in the Netherlands can apply for a visitor's grant for highly qualified senior researchers from abroad who hold a PhD. With this grant these researchers can stay in the Netherlands for a maximum of four months.

If you have information that you would like to have included in the NERN messages or on the NERN website, please send this information to Claudius.vandeVijver@wur.nl.