

PE&RC Messages

November 2018

HIGHLIGHTS

Workshop 'Climate-smart and sustainable land use in the tropics'

(30 November 2018)

The aim of the workshop is to present and discuss different perspectives for climate smart and sustainable land use options and experiences in tropical environments. The workshop follows the PhD thesis defense of Patric Brandt at 11 am that same day.

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.

Symposium: Sustainable livestock farming

(13 December 2018)

This symposium is organised on the occasion of the PhD defence of Pablo Modernel. Speakers are: Santiago Dogliotti – Universidad de la República (Uruguay), Bertrand Dumont and Gianni Bellocchi – INRA (France) and Pablo Modernel (Farming Systems Ecology).

Netherlands Annual Ecology Meeting 2019

(12 – 13 February 2019)

This year will be the 12th edition of the Netherlands Annual Ecology Meeting (NAEM). As always, the meeting will be held at Conference Centre "De Werelt" in Lunteren. The parallel sessions have now been selected by the NAEM Organising Committee. They can be found in the programme on the [NAEM website](#). You are cordially invited to register your participation and to spread this announcement in your network!

PE&RC Postgraduate courses

- **Design of Experiments** (19 – 21 December 2018)

The design and analysis of experiments, using plants, animals, or humans, are an important part of the scientific process. Proper design of an experiment, apart from its proper analysis and interpretation, is important to convince a researcher that your results are valid and that your conclusions are meaningful.

- **Project and Time Management - Amsterdam Edition** (8 & 22 January, 19 February 2019)

For PhD candidates planning, control, monitoring and management of their research project and time are essential in accomplishing the PhD. Achieving this in 4 years' time is a real challenge. To manage the research projects better and to get more out of time is what this course is all about. This 3-day short course provides insight into project and time management and ways to improve them. Hence it is time well spent. NOTE: This course will be offered at the University of Amsterdam. PhD candidates of Wageningen University are advised to take this course in Wageningen under the umbrella of WGS, as this offers them the reduced course fee that is not applicable for this course in Amsterdam.

- **Soil Ecology** (27 - 31 January 2019)

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.

- **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.

- **[Introduction to R for Statistical Analysis \(February 2019\)](#)** (20 & 21 February 2019)

The aim of this course is to provide an introduction to R, a language and environment for statistical computing and graphics. Focus of the course will be on getting familiar with the R environment, to use R for manipulation and exploration of data, and to perform simple statistical analyses. Hands-on exercises will form a large part of the workshop.
- **[Dynamic models in R: Programming, parameter estimation and model selection](#)** (8, 14, 15, 21, 22 March and 12 April 2019)

Ecological modelling, based on field data, has become an indispensable tool in ecological research. This course presents a conceptual framework for ecological modelling: covering elementary growth models and probability distributions needed to mathematically model processes.
- **[Bugs at your Service - Fundamentals and application of arthropod-mediated ecosystem services](#)** (31 March - 5 April 2019)

This course we 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. The focus of the course will be on consumer-resource interactions underlying pollination and biocontrol services, the spatial ecology of pollinators and natural enemies, the impact of pest management practices on arthropod-mediated ecosystem services, and the design of multifunctional landscapes that support arthropod-mediated ecosystem services as well as other land-use functions.
- **[Multivariate Analysis](#)** (30 April, 1, 2, 7 and 8 May 2019)

The course is mainly based on the book "Multivariate Analysis of Ecological Data Using CANOCO 5" by Petr Smilauer and Jan Leps (2014). Practical exercises, the use of Canoco for Windows (4.5) and GenStat for Windows and interpretation of the output are important elements of the course.
- **[The Art of Modelling](#)** (6 - 17 May 2019)

Modelling is a crucial part of today's science. Among other things, models are used for assessing sensitivity of systems to disturbances or changes in external factors, and for predictions of future system states. This course provides an introduction to modelling with a focus on systems analysis using dynamic simulation models.
- **[ISRIC - Spring school on mapping and assessment of soils](#)** (20 - 24 May 2019)

Modelling is a crucial part of today's science. Among other things, models are used for assessing sensitivity of systems to disturbances or changes in external factors, and for predictions of future system states. This course provides an introduction to modelling with a focus on systems analysis using dynamic simulation models.
- **[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.

Other Postgraduate courses

- **[Course Mathematica Basic Principles I and II](#)** @ the Netherlands (27 - 28 November 2018)
- **[Global perspectives on adaptive wildlife management](#)** @ Sweden/South Africa (December 2018 - February 2019)

Career development, skills and competences

- For a complete overview of this type of courses offered by **Wageningen University & Research**, please click [here](#).
- For a complete overview of this type of courses offered by the **Graduate School of Life Sciences at Utrecht University**, please click [here](#).
- For a complete overview of this type of courses offered by **Leiden University**, please click [here](#).
- For a complete overview of this type of courses offered by **The Graduate School of Science at the University of Amsterdam**, please click [here](#).

Note that when you would want to have a course like this organised at your own institute, please contact [Claudius van de Vijver](#)

Symposia, Lectures, Workshops, Seminars and other activities

- **[Mediterranean Documentary Evening - Lasagne in Paradise Lost](#)** @ Wageningen, the Netherlands (23 November 2018)
- **[NCG symposium 2018](#)** @ Wageningen, the Netherlands (29 November 2018)
- **[ZOOLOGY 2018 - Zoology in the anthropocene](#)** @ Antwerp, Belgium (13 - 15 December 2018)
- **[Workshop 'Remote Sensing and Forest Monitoring'](#)** @ Wageningen, the Netherlands (17 December 2018)

- **[8th IOBC / WPRS Working Group Meeting “Landscape management for functional biodiversity”](#)** @ Wageningen, the Netherlands (27 - 29 March 2019)
- **[9th International Granulation Workshop](#)** @ Lausanne, Switzerland (26 - 28 June 2019)

PE&RC Discussion group meetings

- **[R user meeting: getting Git running](#)** (22 November 2018 – 16:00h)

In this hands-on workshop, we will go over the basics of how to start using Git: installing it on your laptop, linking it with your GitHub/GitLab account, making a new Git repository, adding files to it, making commits and uploading them to GitHub/GitLab.

For a complete overview of all PE&RC discussion groups, please click [here](#).

Position Announcements

- For job vacancies, check [our website](#).

Calls and other information

- **[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 collaborative PhD projects: Chinese Academy of Agricultural Sciences - Wageningen University Joint PhD Programme 2019](#)** (Deadline: 15 February 2019)

To strengthen the collaboration between Wageningen University (WU) and the Chinese Academy of Agricultural Sciences (CAAS), WU and the Graduate School of the Chinese Academy of Agricultural Sciences (GSCAAS) started a collaborative PhD programme.

- **[Funds to publish in an Open Access journal](#)** (Deadline: Continuous application)

Since the rise of fully Open Access journals some 15 years ago, there is a possibility to disseminate your research more widely. Some publishers nowadays also offer the option to make an individual article from subscription journals Open Access. WUR Library supports you in Open Access publishing. Find out what your possibilities are or contact us for immediate support.

- **[NWO Visitor's Travel Grants](#)** (Deadline: 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 PE&RC messages, please send this

information to Claudius.vandeVijver@wur.nl

<https://www.pe-rc.nl> | <https://www.facebook.com/GraduateSchoolPERC/> |

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