

PE&RC Messages

December 2018



The PE&RC team wishes you all
a Merry Christmas and a Healthy & Inspiring
2019!



HIGHLIGHTS

PhD Course: 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.

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 been selected and the call for submitting abstract for a presentation in these sessions has been extended to coming Tuesday 18 December 2018, so go and have a look at the sessions and submit your abstract if you haven't done so yet! They can be found in the programme on the [NAEM website](#). You are warmly welcomed to register your participation and to spread this announcement in your network!

PhD Course: Bugs at your Service

(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.

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.
- **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.
- **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 Integrating disciplinary approaches in health sustainable development, resource- and conflict management](#)** @ Wageningen, the Netherlands (8 - 29 January 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

- **[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)
- **[International Conference: Innovative strategies for vector control – Progress in the Global Vector Control Response](#)** @ Wageningen, the Netherlands (11 - 13 June 2019)
- **[9th International Granulation Workshop](#)** @ Lausanne, Switzerland (26 - 28 June 2019)
- **[Meeting of the Association of Tropical Biology and Conservation \(ATBC\) 2019](#)** @ Antananarivo, Madagascar (30 July - 3 August 2019)
- **[49th Annual Meeting of the Ecological Society of Germany, Austria and Switzerland](#)** @ Münster, Germany (9 - 13 September 2019)

PE&RC Discussion group meetings

- **[Institute of Environmental Biology \(IEB\) PhD meeting \(Utrecht University\)](#)** (18 December 2018 - 17:00h)
The IEB PhD council would like to invite you to the next IEB PhD meeting on Tuesday the 18th of December. As this last PhD Meeting of 2018 four of your fellow PhDs will give a talk.
- **[WEES Workshop and Seminar: Dominic Wright](#)** (18 December 2018 - 16:00h)
In this month's WEES (Wageningen Evolution & Ecology Seminar), Dominic Wright (IFM Biology, Linköping University (Sweden) will give a lecture, called 'The DNA Methylation Landscape in the Chicken and its Role in Domestication'.
- **[B-Wise Seminar](#)** (8 January 2019 - 12:30h)
The speakers of this B-Wise meeting will be: Rik van Rosmalen (WU Systems & Synthetic Biology) and Sevgin Demirci (WU Bioinformatics).

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.
- **[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

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