

PE&RC Messages

January 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 Luntenen. The near-final full programme is now online! Please register your participation soon as hotel rooms are running out! Also, please spread this announcement in your network!

[More information and registration](#)

PE&RC Weekends coming up!

First years weekend

(15 - 17 February 2019)

The idea of this weekend is to make PhD candidates more familiar with what to expect during the PhD track and how to avoid major catastrophes and disappointments. Focus will be on the PhD process and pitfalls you can encounter along the way as well as the criteria for a successful PhD within 4 years. Furthermore you will be informed about the PhD Programme itself and the role that the Graduate School plays as a process facilitator.

[More information and registration](#)

Midterm weekend

(16 - 17 February 2019)

Whereas the idea of the first years weekend was to make you more familiar with what to expect during the PhD track and how to avoid major catastrophes and disappointments, this will be the time to reflect and see if nevertheless such catastrophes and disappointments have surfaced, and how to deal with them. An essential part of the weekend is also reflecting on the question "Am

I on Schedule?" We will also discuss people's personal plan of action for the second part of the PhD. Apart from this, the importance of networking and peer-coaching are highlighted. Finally, this weekend is meant to get back in touch with your fellow PhDs and learn from them how to tackle specific issues.

[More information and registration](#)

Last years weekend

(16 - 17 February 2019)

In this weekend, PhD candidates in the last years of their track are prepared for the specific challenges that await them. Among these challenges are the preparation of a thesis, meeting the deadlines associated with thesis defence and the choice of a further career inside or outside science. Next to this attention to the challenges, participants are offered the opportunity to reflect on the years spent obtaining a PhD: what have they learned, what have they not learned, what do they want to pursue in the future.

[More information and registration](#)

Dutch Life Sciences Congress 2019 – 'Communication in Life'

(28 - 29 May 2019)

The first NWO life sciences conference called Life2019 will take place on Tuesday 28 and Wednesday 29 May 2019 at the Postillion Convention Centre, Bunnik. The theme of the congress is: Communication in Life. Life2019 is meant to connect researchers covering the broad spectrum of the Dutch Life Sciences, to explore boundaries, to lively discuss new or desirable developments in the field and to get inspired to start new interdisciplinary collaborations.

Call for abstracts is now open: <https://nwolife.nl/calls/> (deadline 10 February)

Call for registration is now open: <https://nwolife.nl/register/> (deadline 1 May)

PE&RC Postgraduate courses

- **[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 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.

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 on "Computer vision for geo-Information"](#)** @ Wageningen, the Netherlands (11 February 2019)
- **[8th IOBC / WPRS Working Group Meeting "Landscape management for functional biodiversity"](#)** @ Wageningen, the Netherlands (27 - 29 March 2019)
- **[2nd Conference of the Netherlands Society for Evolutionary Biology \(NLSEB\)](#)** @ Wageningen, the Netherlands (16 April 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)
- [Wageningen Soil Conference](#) @ Wageningen, the Netherlands (27 - 30 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

- [WEES Workshop and Seminar: Dr. Kamiel Spoelstra](#) (24 January 2019 - 16:00h)
In this month's WEES (Wageningen Evolution & Ecology Seminar), Dr. Kamiel Spoelstra (Researcher at Netherlands institute of Ecology (NIOO-KNAW)), will give a lecture, called 'Spectrum dependent effects of light at night: The colour composition of illumination defines impact on behaviour and habitat loss of different species'.
- [Landscape Dynamics - Interdisciplinary discussion group](#) (5 February 2019 - 15:00h)
A new year, a new session of the Landscape Dynamics discussion group! This session will be organized by Cindy Quik, PhD researcher at the Soil Geography and Landscape group. The session will be about data. What do we demand from our data, and what issues do we face with our, and other people's data.

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

- [MacGillavry Fellowship \(6 tenure track positions for talented female researchers\)](#) (Deadline: 4 February 2019)
The Faculty of Science of the University of Amsterdam attaches great importance to the contribution of female scientists in research and education. For this reason they are continuing the recruitment programme for talented women, named after the ground breaking crystallographer professor Carolina MacGillavry (1904-1993), an alumna of the University of Amsterdam.
- [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)
Open Access to research results means that this material is digital, online, free of charge, and free of most copyright and licensing restrictions. The Library supports you in Open Access publishing.
- [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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