

# PE&RC Messages

## April 2018

### HIGHLIGHTS

#### [Fundamentals in crop physiology in a changing world](#) (3 - 8 June 2018)

The course focusses on the fundamental knowledge and insight one must have about crops to be able to adapt agronomic practices to the changing world. Here the changing world refers to the environment, increased demands on sustainable production and food quality.

#### [On-site PhD course in Lapland, Sweden: Conflicting Demands in European Forests – a wicked problem?](#) (24 June – 2 July 2018)

More and more, we are confronted with conflicting demands when trying to develop sustainable land-use strategies, resulting in so-called wicked problems. Scientists working on such wicked problems need to be trained to work in trans-, multi- and interdisciplinary teams of experts with various scientific backgrounds, such as ecologists, economists, political, and social scientists. This course aims to teach them the skills they need for working in such diverse teams, by means of a real-life case. The course is focused around Gällivare, a small town in the far north of Sweden, where one can find the “last wilderness of Boreal Europe”, part of an UNESCO World Heritage Site with large nature reserves and national parks. At the same time, it has an active mining industry, forestry, reindeer herding and tourism. It is a perfect place for land use and land use change discussions. A travel subsidy is available for PE&RC PhD candidates.

#### [On-site PhD course on Farming Systems and Rural Livelihoods \(Uganda\)](#) (15 – 29 September 2018)

This course provides skills and methods to analyse (the dynamics of) farming systems as embedded in the complex livelihoods of rural people in Africa. Typically, these skills and methods integrate agro-ecological analyses with understandings of the social organization of agricultural production, and the differential ways in which the wider socio-economic environment impacts on farming systems (e.g. the importance of rural-urban linkages, socio-cultural orientations in rural livelihoods, farm investment patterns, labour allocations). Special attention will be given to the vulnerability of agricultural production and aspects of food security in the face of global environmental, social and economic change. Tools for exploration of the adaptive capacity of rural livelihoods and their rural-urban connections will also be reviewed critically.

### PE&RC Postgraduate courses

- [Design of Experiments](#) (23 - 25 May 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.*
- [Linear Models](#) (8, 11 and 12 June 2018)  
*In this module we continue with Regression, ANOVA, and ANCOVA, set in the general framework of Linear Models. We look at topics like parameter estimation and interpretation, checking model assumptions, regression diagnostics, analysis of unbalanced designs and multiple comparisons.*
- [Generalized linear Models](#) (14 - 15 June 2018)  
*In this module we study how to analyse data that are not normally distributed. We look at fractions (logistic regression), counts (Poisson regression, log-linear models), ordinal data (threshold models), and overdispersion. We discuss (quasi-) maximum likelihood estimation and the deviance.*
- [Meta-analysis](#) (4 - 5 July 2018)  
*Researchers trying to summarize the constantly growing body of published research are increasingly using meta-analysis. The focus of this 2-day course will be on concepts of linear models and mixed linear models in meta-analysis. The statistical software R will be used.*
- [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.*

## Other Postgraduate courses

- [Summer school: Exploring climate change challenges and solutions in the real world: from research to practice](#) @ Sofia, Bulgaria (21 - 25 May 2018)
- [Summer School on agroecology and animal production \(first week of July 2018\)](#) @ Wageningen, the Netherlands (2 July – 6 July 2018)

## 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

- [Land-Water-Food Nexus: Towards sustainable food production in China & other regions](#) @ Wageningen, Orion building, the Netherlands (8 May 2018)
- [6<sup>th</sup> Plant Genomics and Gene Editing Congress Europe](#) @ Rotterdam, the Netherlands (14-15 May 2018)
- [5<sup>th</sup> Annual Wageningen PhD Symposium 2018, Bridging Science and Society: Unifying Knowledge](#) @ Wageningen, the Netherlands (17 May 2018)
- [Symposium - Migratory birds in a rapidly warming Arctic](#) @ NIOO-KNAW, Wageningen, the Netherlands (17 May 2018)
- [Symposium and Workshop: Principles and dynamics governing transmission of mycobacterial infection](#) @ Zodiac, Wageningen, the Netherlands (22 - 24 May 2018)
- [Workshop Exploring opportunities for Citizen Science in Environmental Monitoring and Food Security applications](#) @ Wageningen, the Netherlands (23 May 2018)
- [WGS PhD Workshop Carousel](#) @ Wageningen, the Netherlands (25 May 2018)
- [Workshops Crop Management and Development of Innovative Cropping Systems](#) @ Cambridge, United Kingdom (29 – 30 May 2018)
- [Latsis Symposium 2018 – Scaling-Up Forest Restoration](#) @ Zürich, Switzerland (6 – 7 June 2018)
- [Tropentag 2018](#) @ Ghent University, Ghent, Belgium (17 – 19 September 2018)
- [International Conference on Ecological Sciences](#) @ Rennes, France (22 - 25 October 2018)

## PE&RC Discussion group meetings

- [WEES Seminar - Feeding on Electrons](#) (25 April 2018 - 16:00h)  
*Amelia-Elena Rotaru (Assistant Professor at NORDCEE, Department of Biology, University of Southern Denmark), will give a lecture on Feeding on electrons.*
- [B-Wise lunch meeting](#) (1 May 2018 - 12:30h)  
*Speakers are Sumanth Mutte (WU Biochemistry) and Hernando Suarez Duran (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

- [Wageningen Graduate Schools Sandwich PhD](#) (Deadline: 12 June 2018)

*As a sandwich PhD candidate you will spend the first nine months of your degree at Wageningen University. During this time you will expand your research proposal and follow a tailor-made education and training 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](mailto:Claudius.vandeVijver@wur.nl)

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