

PE&RC Messages

December 2016

HIGHLIGHTS

[Netherlands Annual Ecology Meeting](#) (14 - 15 February 2017)

This year will be the 10th edition of the Netherlands Annual Ecology Meeting (NAEM). As always, the meeting will be held at the conference centre "De Werelt" in Lunteren.

[Dynamic Models in R: Programming, parameter estimation and model selection](#) (10, 16, 17, 23, 24 March and 7 April 2017)

Ecological modelling, based on field data, has become an indispensable tool in ecological research. It consists of a number of steps: analysing data, proposing plausible mechanistic models and mechanistic explanations for observed phenomena, and selecting models based on maximum likelihood or an information criterion. This course presents a conceptual framework for ecological modelling: covering elementary growth models and probability distributions needed to mathematically model processes. The models are confronted with the data, using state of the art statistical methods. The course presents techniques for dynamic simulation, model fitting, parameter estimation, and model selection based on maximum likelihood and information theory. While the theory has emerged from the field of ecology, it has shown to be widely applicable in the life sciences. The course is taught with R as the programming language because it is freeware and it allows flexibility in handling and modelling data.

PE&RC Postgraduate courses

- [GIS in Practice](#) (12 - 23 December 2016)
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.
- [Design of Experiments](#) (19 - 21 December 2016)
This course is organised by the graduate school for Animal Sciences and by PE&RC. The course deals with an introduction to statistics and basics of good experimental design. Amongst others, the principle of the three R's are discussed; Replication, Randomization, and Reducing noise factors. Furthermore, specific experimental design are being discussed (e.g., CRD, RCBD, split-plot design, mixed models, Latin-squares, etc.). Finally, participants apply what they learn in the course to their own specific case(s) and discuss this in small groups.
- [Hands-on Global Soil Information Facilities 2017](#) (15 - 19 May 2017)
The aim of this ISRIC course is to introduce various components of GSIF and provide hands-on

training within the R environment for statistical computing.

- **[World Soils and their Assessment 2017](#)** (15 – 19 May 2017)

This is an ISRIC course on international standards for soils classification and assessment. It will provide an introduction to the soils of the world and their diversity, their main forming factors, classification (according to the World Reference Base for Soil Resources 2014), and management.

PE&RC Discussion group meetings

- **For a complete overview of all PE&RC discussion groups, please click [here](#).**
- **New PE&RC Discussion Group: Landscape Dynamics**

The kick-off meeting for this new PE&RC discussion group will be **Friday the 16th of December**, from 14-16h in GAIA 1, followed by a PE&RC drink at 16h! The first meeting will comprise a talk by Dr. Jetse Stoorvogel about the wide scope of landscapes and associated forcings, followed by a discussion on the future contents and focus of the discussion group. If you would like to join this kick-off meeting, please click [here](#).

Career development, skills and competences and career development courses by Wageningen Graduate Schools

- **For a complete overview of all Wageningen Graduate Schools courses, please click [here](#).**

Symposia, Lectures, Workshops, Seminars and other activities

- [CWE Symposium: From Wadden Sea to Marker Wadden: functioning and restoration of large aquatic ecosystems](#) @ University of Groningen, Linnaeusborg, Zaal 'Het OOG', Groningen, The Netherlands (9 December 2016)
- [INTERWOVEN: How Science and art meet belowground](#) @ Impulse, Wageningen University Campus, Wageningen, The Netherlands (14 December 2016)
- [Mini symposium 'Environmental justice & urban green](#) @ GAIA Building, Wageningen University Campus, Wageningen, The Netherlands (14 December 2016)
- [Symposium 'Nutrient Pollution in Water Systems; Sustainable solutions for Europe, China and the world](#) @ ATLAS Building, Atlas 2, Wageningen University Campus, Wageningen, The Netherlands (14 December 2016)
- [WEES Symposium: Integrating the chemical ecology of flowers](#) @ ORION Building, Wageningen University Campus, Wageningen, The Netherlands (15 December 2016)
- [1st Symposium 'WURomics: Technology- Driven Innovation for Plant Breeding](#) @ ORION Building, Wageningen University Campus, Wageningen, The Netherlands (15 December 2016)
- [Zoology 2016-congress](#) @ University of Antwerp, Belgium (15 - 17 December 2016)
- [Entomologendag](#) @ De Reehorst, Ede, The Netherlands (16 December 2016)
- [VI Southern-Summer School on Mathematical Biology](#) @ São Paulo, Brazil (16 - 27 January 2017)
- [European Conference of Tropical Ecology](#) @ Vrije Universiteit Brussels, Belgium (6 - 10 February 2017)
- [3rd International Conference "Plant Nutrition, Growth & Environment Interactions](#) @ Vienna, Austria (20 - 21 February 2017)

- [International Conference "Plant Molecular Physiology](#) @ Vienna, Austria (23 - 24 February 2017)
- [AGILE International Conference on Geographic Information Science](#) @ Wageningen, the Netherlands (9 - 12 May 2017)
- [Conference Pedometrics 2017](#) @ Wageningen, the Netherlands (27 June – 1 July 2017)
- [International Conference: The Value of Life: Measurement, Stakes, Implications](#) @ Wageningen, the Netherlands (28 - 30 June 2017)

Position Announcements

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

Others

- [Academy Ecology Fund](#). 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 (The closing date for applications is 15 December 2016)
- For all Horizon 2020 beneficiaries, click [here](#) for a letter from Mr. Robert-Jan Smits, Director General of Directorate General for Research & Innovation, regarding the participation in the public stakeholder consultation in the context of the interim evaluation of Horizon 2020. You are invited to take part in the consultation and share your opinions regarding Horizon 2020. The questionnaire is available under the following link: [H2020-consultation](#) (consultation will be open until 15 January 2017)
- [NWO Visitor's Travel Grants](#). 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.

If you have information that you would like to have included in PE&RC messages, please send this information to Claudius.vandeVijver@wur.nl before the first of the month.

<https://www.pe-rc.nl>

<https://www.facebook.com/GraduateSchoolPERC/>

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