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**Netherlands Ecological Research Network**

## **NERN Messages**

**October 2018**

### **HIGHLIGHTS**

#### **Current Themes in Ecology 2018 – Bending the curve**

(15 November 2018)

*Based on the "Deltaplan voor Biodiversiteitsherstel in de groene ruimte", this Current Themes in Ecology focusses on new approaches to stop the decline of biodiversity and ultimately how to enhance it. More specifically we will want to address what we know, what we partially know, what we don't know and what we should know. This information can accordingly be incorporated in the effectuation of the Deltaplan to make it a success.*

#### **Netherlands Annual Ecology Meeting 2019 – Call for Registration**

(Tuesday 12 and Wednesday 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. At this stage, the four plenary speakers have been confirmed. You are cordially invited to register your participation and to spread this announcement in your network! More information and registration at <http://www.nern.nl/NAEM2019>*

#### **Netherlands Annual Ecology Meeting 2019 – Call for parallel session proposals**

(Deadline: Tuesday 23 October 2018, 12 NOON)

*The call for submissions of parallel session proposals for NAEM 2019 is now open! You can submit your proposal for a parallel session at <https://www.nern.nl/NAEM2019-PS>. You can find*

more details about the general set-up of the programme and about the deadlines for submission of contributions to the 2019 NAM meeting on the [NAEM website](#).

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## 1. Workshops / Meetings / Symposia

- **[Symposium - Root zone phenomics, physiology and ecology: creating space for the better half](#)** (8 October 2018) @ Wageningen, The Netherlands
- **[Sfecologie 2018 – International Conference on Ecological Sciences](#)** (22 - 25 October 2018) @ Rennes, France
- **[International Soil Modeling Consortium \(ISMC\) Conference - New perspectives on soil models](#)** (5 - 7 November 2018) @ Wageningen, The Netherlands
- **[Symposium Dier of Ding \(in Dutch\)](#)** (24 November 2018) @ Utrecht, The Netherlands

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## 2. Courses

- **[Linking Community and Ecosystem Dynamics](#)** (21 - 26 October 2018)  
*This course focuses on theoretical concepts, such as autocatalytic loops and positive and negative feedbacks between organisms in ecological networks. Also, the importance of non-trophic interactions by ecosystem engineers, and how these principles can be used to link communities to ecosystems to enable to understand how environmental change affect community and ecosystem dynamics.*
- **[Matrix Approaches to Health Demography](#)** (5 - 16 November 2018)  
*In this course, matrix methods will be used to analyze models based on prevalence and incidence data. The methods will go beyond the fixation on mean results and will incorporate variance and stochasticity. The class will introduce methods based on Markov chains, Markov chains with rewards, multistate matrix models, and matrix calculus. The new analyses will be compared, where possible, to traditional approaches.*
- **[Consumer-Resource Interactions](#)** (2 - 6 December 2018)  
*This one-week course will illustrate how adopting a consumer-resource approach can change our understanding of interactions, and how adaptive processes can be important in understanding both academic and applied problems in ecology. This edition of the course will focus on consumer-resource interactions in times of global environmental change at three levels of integration: the individual-population level, the community-ecosystem level and the socio-ecological level.*
- **[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.*

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## 3. Position Announcements

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

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## 4. Other News

- **[NWO Visitor's Travel Grants](#)** (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.*

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**If you have information that you would like to have included in the NERN messages or on the NERN website, please send this information to [Claudius.vandeVijver@wur.nl](mailto:Claudius.vandeVijver@wur.nl).**