

**\*PhD candidate, Population Biology\***

\*University of Amsterdam\*

A PhD position is open with Dr Isabel Smallegange (<http://www.uva.nl/profile/i.smallegange>) in the Theoretical Ecology Research Group within the Institute for Biodiversity and Ecosystem Dynamics (IBED: [ibed.uva.nl](http://ibed.uva.nl)) at the University of Amsterdam. The goal of this PhD project is to investigate the effects of environmental change on the eco-evolutionary population response of two mite species that differ in life history speed.

The PhD candidate will investigate in multigenerational population experiments how harvesting and environmental variability affect the joint dynamics of life history traits and population biomass dynamics of 'fast' *Rhizoglyphus robini* and 'slow' *Naiadacarus arboricola* mite populations in the lab and in the field (in case of *N. arboricola*, field work will be in North America (Virginia)).

The project starts September 2015. The full-time appointment will be on a temporary basis for a maximum period of four years (18 months plus a further 30 months after a positive evaluation) and should lead to a dissertation (PhD thesis). An educational plan will be drafted that includes attendance of courses and (international) meetings. The PhD Student is also expected to assist in the teaching of undergraduates. The full-time gross monthly salary will range from € 2,125 in the first year to € 2,717 in the final year, according to the Dutch salary scales for PhD students. The Collective Labour Agreement Dutch Universities is applicable. The annual salary will be increased by 8 % holiday allowance and 8.3 % end-of-year bonus.

You must have a Master's degree (or equivalent) in Ecology, Evolution or Population Biology and experience with laboratory experiments,

preferably with invertebrates. You must have an interest (preferably experience) in combining theory, laboratory studies, and data analysis. Good computer skills, including statistical analysis and preferably also programming in MatLab or R, are required, as is a willingness to work in a multidisciplinary environment.

Applications should include (i) a detailed CV including educational experience, a list of publications (if any) and the names and contact addresses of two academic references from which information about the candidate can be obtained, (ii) a letter describing motivation and research interests, and (iii) an English writing sample (e.g. paper, MSc or BSc thesis). Please combine these materials into a single PDF file.

**Applications should be sent before 15 May 2015 23:59**, via email to drs. S.H.M. Jongerius, P&O adviser: [application-science@uva.nl](mailto:application-science@uva.nl). Please quote the vacancy number in the subject field. Interviews, possibly via Skype, will be held on 11 and/or 12 June 2015.

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