



Environmental Studies Alumni Association
www.kennisnetwerkmilieu.nl

Current Topics in Environmental Sciences

The Wageningen Environmental Studies Alumni Association (KNM) organizes a series of webinars on current topics in environmental sciences, open for all interested alumni, students and others.

KNM webinar 1: "Microplastics in nature and society"

Thursday 27 May 2021, 16:00 – 17:00

Moderator: dr. ir. Caroline Moermond

Registration via: https://kennisnetwerkmilieu.nl/event/webinar_microplastics/

Key note speakers:

- ✓ Prof. Dr Bart Koelmans (AEW-WUR): A brief history of microplastic
- ✓ Vera de Ruijter (PhD candidate AEW-WUR), Title: Effects of microplastics on benthic macroinvertebrates
- ✓ Alice Fermont (Waternet): Plastics and more, Research and development at Waternet, a water cycle company in the Netherlands

Summary Bart Koelmans:

In this presentation a brief history of microplastic will be provided. What are the major landmark studies and insights, what are the perceptions with respect to risk and which role did WUR play in this field?

Summary Vera de Ruijter:

In the literature, there is widespread consensus that methods in plastic research need improvement. Current limitations in quality assurance and harmonization prevent progress in our understanding of what the true effects of microplastic in the environment are. We developed 20 quality criteria and propose a protocol for future effect studies to use a more standardized approach. Subsequently a systematic approach using these criteria was applied for both marine and freshwater species with different species traits.

KNM webinar 2: "Pesticides in soils"

Thursday 10 June 2021, 12:00 – 13:00

Moderator: dr. ir. Caroline Moermond

Registration via: https://kennisnetwerkmilieu.nl/event/pesticides_in_soil/

Key note speakers:

- ✓ Prof. Dr Violette Geissen (SLM-WUR):
Title: How can we estimate the real risks related to pesticide cocktails in the environment?
- ✓ Vera Felix da Graça Silva (PhD candidate SLM-WUR)
Title: Pesticide residues in European agricultural soils – A hidden reality unfolded".
- ✓ Jenneke van Vliet (Centre for Agriculture and Environment: CLM): "The Environmental Yardstick for Pesticides"

