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## Nanomaterials in a perspective of effects on ecosystem services and ecological risk

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Additional Authors: Jose M. Navas, INIA, Dpt. of Environment, Ctra. de la Coruña Km 7, E-28040 Madrid, Spain jmnavas@inia.es Dick T.F.M. Roelofs, Department of Ecological Science, Faculty of Earth and Life Sciences, VU University Amsterdam, De Boelelaan 1085, 1081 HV Amsterdam, The Netherlandsdick.roelofs@vu.nl Kerstin Hund-Rinke Fraunhofer Institute for Molecular Biology and Applied Ecology, Auf dem Aberg 1, D-57392 Schmallenberg;Germany kerstin.hund-rinke@ime.fraunhofer.de Monica J.B. Amorim Department of Biology & CESAM, University of Aveiro, 3810-193 Aveiro, Portugal mjamorim@ua.pt

The overall objective of this talk is to provide an overview of the tools that enables us to identify the longterm consequences of NMs on important ecosystems services. The focus will be on identifying tools for the environmental effects of long-term and repeated exposure to NMs as in production, in use and in wastes. There will be a special focus on ecosystems functions and species and on how rapid (including high throughput) tools can be used to provide information on potential long-term environmental consequences and impacts on services. The presentation will cover approaches for ecosystem services covering all media. It will also be discussed how such tools can be using on a probabilistic risk assessment. Within this talk we will also report the progress of the work performed within the SUN project.

Primary author: SCOTT-FORDSMAND, Janeck J. (Department of Bioscience, Aarhus University)

**Co-authors:** HANDY, Richard (Ecotoxicology Research and Innovation Centre, School of Biological Sciences, Plymouth University); FRENANDEZ, Teresa F. (Environment Department, School of Life Sciences, Heriot-Watt University)

Presenter: SCOTT-FORDSMAND, Janeck J. (Department of Bioscience, Aarhus University)

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