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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

Netherlands dick.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 long-term 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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