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

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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.

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