



Environmental risks and opportunities for nano-enabled strategies in agriculture

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Politecnico di Torino - Meeting room 1st floor DIATI 3

Moderator: Prof. Tiziana Tosco

Abstract

Among a wide range of possible applications of nanotechnology in agriculture, there has been a particular interest in developing novel nanoagrochemicals.

While some concerns have been expressed regarding altered risk profile of the new products, many foresee a great potential to support the necessary increase in global food production in a sustainable way.

This presentation will illustrate how a critical evaluation of nanoagrochemicals against conventional analogues is essential to assess the new benefits and risks associated with the introduction of novel technologies in agriculture.

Speaker

Melanie Kah



The University of Auckland

Melanie obtained her PhD from the University of York (UK). After a couple of years at the Food and Environmental Research Agency (UK), she joined the University of Vienna (Austria) as Assistant Professor and obtained her Habilitation in 2017. She was a distinguished visiting scientist at the CSIRO in 2018 (Australia) and moved to the University of Auckland (New Zealand) in 2019.

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