

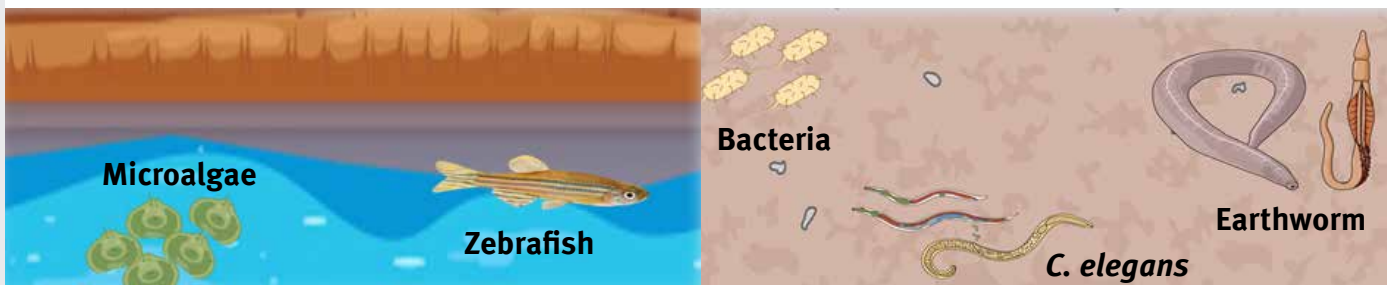
INTERNATIONAL TEST GUIDELINES AND METHODS FOR NANO SAFETY

Date: 22nd -23rd JULY 2021 | Time: 14.00 - 16:00 IST (GMT +05:30)

Emerging contaminants like Nanomaterials

Terrestrial ecotoxicity

Aquatic ecotoxicity



Globally, as multiple nanoproducts are being aimed to reach the application and commercial stages, it becomes vital to understand any potential risks associated with their synthesis and application. The nanotoxicology field, however, suffers from inconsistent methodologies that affect the results greatly. Use of ratified international guidelines assists to establish consistencies in nanotoxicity related research and enhances reproducibility. The key focus of this webinar, therefore, is to define the scope and use of the OECD and other international test guidelines for toxicity assessment of the nanomaterials using a variety of *in vitro*, *ex vivo* and *in vivo model systems* including plants, bacteria, nematodes, microalgae, fruit-fly, zebrafish and rodents and mammalian cell lines.



This webinar aims to bring together leading academic researchers to share their wet-lab work and the standard guidelines followed by them for eco-toxicity assessments of nanoproducts that are useful for agricultural, food, pharmaceutical and cosmetic industries. **The organizing team and the renowned speakers are also going to share videos for the experimental method that are followed routinely in their laboratory for Nano-safety studies. This will help participants enormously to set-up experiments in their laboratory.**

ORGANIZER:



THE ENERGY AND
RESOURCES INSTITUTE

Creating Innovative Solutions for a Sustainable Future



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Registration fee only
applicable to industries
1000 INR | 200 USD

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KEY SPEAKERS:



Dr Ekta Kohli
DIPAS



Dr Pushplata Singh
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Dr Aaron Schultz
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Ramakrishnan**
CSIR-IITR



Dr. Sarat Kumar
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Dr. Rita Choudhary
TERI

Key features:

- ◆ Understanding Standard test guidelines
- ◆ From lab to audience: ecotoxicity assessment videos
- ◆ Discuss new ideas on ecotoxicity of nanomaterials: Interaction with experts
- ◆ E-certificates
- ◆ Networking