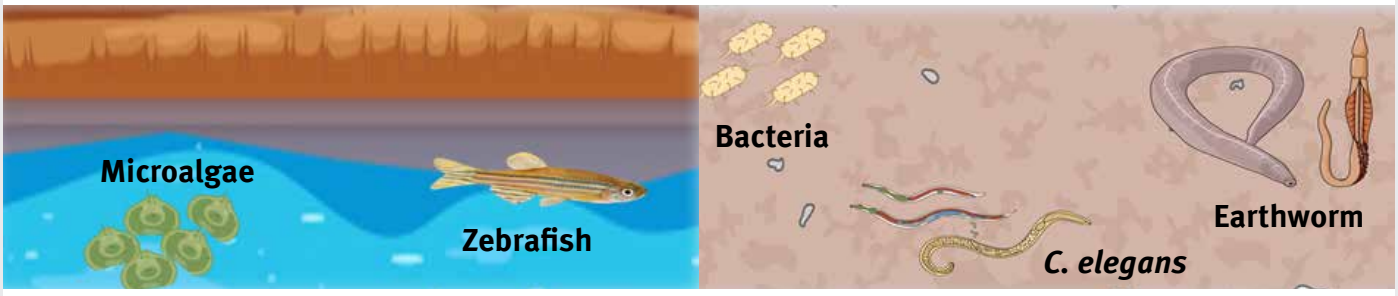
WEBINAR

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:

teri | The Energy and Resources Institute
Creating Innovative Solutions for a Sustainable Future

DEAKIN UNIVERSITY
Deakin University CRICOS Provider Code 00113B

Contact us: CEARAN Secretariat
Phone: +91-11-24682100 Ext-2643
Email ID: CEARAN@teri.res.in

Registration fee only applicable to industries
1000 INR | 200 USD

CHAIR:

Dr Vibha Dhawan
Director-General, TERI

– COORDINATOR –

Dr Pushplata Singh
TERI

KEY SPEAKERS:

Dr Ekta Kohli
DIPAS

Dr Pushplata Singh
TERI

Dr Aaron Schultz
Deakin University

Dr Parthasarathi Ramakrishnan
CSIR-IITR

Dr. Sarat Kumar
Vipragen Biosciences Private Limited, Kochi

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