ISTA 22
International Symposium on Toxicity Assessment

1st Announcement

Traditional and New Methodologies in Chemical Hazard Characterisation

University of Auckland, Auckland, New Zealand, 7-11 December 2026

We are pleased to announce the 22nd International Symposium on Toxicity Assessment (ISTA 22) conference. It will bring together researchers, practitioners, and regulators from around the world for an engaging forum on the latest advances in toxicity and risk assessment, and emerging concepts in ecotoxicology supporting environmental protection and conservation.

ISTA 22 will be proudly hosted in the vibrant city of Auckland, New Zealand, where everyday life is closely intertwined with its stunning natural environment and rich endemic biodiversity. The conference theme of "***Traditional and New Methodologies in Chemical Hazard Characterisation***" aims to bring together leading experts in this rapidly evolving field of research.

We invite contributions spanning, but not limited to, the following research areas:

- New Approach Methodologies (NAMs)
- AI and machine learning in ecotoxicology
- Biological effect-based monitoring methods
- Omics in toxicity assessment
- Exposure assessment and hazard characterisation
- Contaminants of emerging concern
- Multiple worldviews in environmental protection
- Emerging remediation technologies for environmental protection

We look forward to welcoming you to Auckland for ISTA22, a meeting that brings together stimulating scientific discussions, cross-disciplinary dialogue, and the opportunity to experience one of the world's most remarkable city–nature interfaces. Held in early summer, the symposium will coincide with Auckland's most vibrant season, with lush greenery, long daylight hours, and warm, gentle weather, a nice backdrop for collaboration and shared ideas. More information will be available soon.

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New Zealand Organising Committee

Louis Tremblay (Bioeconomy Science Institute); Shan Yi (University of Auckland); Karen Stockin (Massey University); Hamish Allen (Auckland Council); Olivier Champeau (Environmental Protection Authority, New Zealand); Erica Hendrikse (Bioeconomy Science Institute); Melanie Kah (University of Auckland); Wendy Liu (University of Auckland); Andrew Rumsby (EHS Support, Auckland)

International Scientific Committee

Markus Hecker (Canada); Ruth Sofield (USA); Tracy Collier (USA); Gisela Umbuzeiro (Brazil); Toshihiro Horiguchi (Japan); Bryan Brooks (USA); Mingliang Fang (China); Dayanthi Nugegoda (Australia)