



## ENVIRONMENTAL AND HUMAN HEALTH EFFECTS OF WATER CONTAMINANTS

Monday, 20 September 2021 | 11:10-13:00

This session will showcase current understandings and learnings around selected biological and chemical contaminants of emerging concern. As a result of their increased use in recent times, the persistence in the environment of certain contaminants is now greater than once thought and furthermore their toxicity might be underestimated. It is therefore essential to conduct research to determine their occurrence through robustly designed laboratory and field studies, to improve detection and measurement methods and to conduct appropriate ecotoxicity studies. These undertakings will assist in effective risk communication and mitigate downstream impacts on people.

**Chair: Eunice Ubomba-Jaswa**

11:00	Chemical pollution of water resources in South Africa associated with feeding the world	Dr Suranie Horn
11:30	Poly- and perfluorinated substances in water samples from Hartbeespoort and Roodeplaat dams, South Africa	Prof Jonathan Okwonkwo
12:00	Implications of sanitizers and disinfectants to ecosystems: Need for reconfigured chemicals management approaches	Prof Ndeke Musee
12:30-13:00	Thermally selective isolation and antifungal susceptibility of clinically relevant yeasts occurring in the Plankenbrug/Eersterivier river system	Ms Heidi Steffen