

SCIENTIFIC FORUM

NUCLEAR SCIENCE FOR DEVELOPMENT

ATOMS
FOR
WATER



Ms Karina Meredith

Director, Environmental Research and Technology
Australian Nuclear Science and Technology Organisation (ANSTO)

Ms Karina Meredith is the Director of the Environmental Research and Technology Group at the Australian Nuclear Science and Technology Organisation (ANSTO), where she leads multidisciplinary research focused on groundwater sustainability, environmental change in Antarctica and the impacts of contaminants. With over 22 years of experience as an isotope hydrogeochemist, she has applied a wide range of isotopic tracers to evaluate the suitability and sustainability of water resources. Meredith has a strong record of delivering high impact, internationally recognized scientific outcomes. Her recent research includes investigating the link between groundwater and kidney disease and examining how Antarctic lakes are responding to climate change using advanced nuclear science and technology.