

*Forum Facilitator: Bonita Siu – Member, EIANZ Ecology SIS Management Committee*

*9:00 am Opening Statement*

*Keynote Address*

*Dr Andrew Weeks – Technical Director, EnviroDNA*

*10:00 am Panel Discussion*

*Panel Guest: Dr Rhidian Harrington MEIANZ – Director, Niche Environment and Heritage*

*Panel Guest: Nelson Wills MEIANZ, CEnvP – Director, New Ground Environmental*

*Panel Moderator: Jacinta Saad – Secretary, EIANZ Ecology SIS Management Committee*

*MORNING TEA*

*11:00 am “Applications of eDNA for biomonitoring and biosecurity”*

*Dr Michael Stat – School of Environmental & Life Sciences, University of Newcastle*

*11:20 am “Assessing biodiversity at large temporal, spatial, and taxonomic scales through analysis of environmental DNA”*

*Dr Mark De Bruyn – School of Life and Environmental Sciences, University of Sydney*

*11:40 am “Standardisation and validation requirements for eDNA as a routine monitoring and surveillance tool”*

*Professor Dianne Gleeson – Faculty of Science and Technology, University of Canberra*

*LUNCH*

*1:00 pm “Ideas for the use of eDNA for aquatic biodiversity and environmental assessment in NSW”*

*Peter Scanes – Office of Environment and Heritage | Meaghan Duncan – Department of Primary Industries (Fisheries)*

*1:20 pm “Using eDNA to monitor invasive and endangered species in tropical remote areas”*

*Dr Cecilia Villacorta-Rath – Division of Tropical Environments and Societies, James Cook University*

*1:40 pm “The development of metabarcoding to assess fish biodiversity and diet in coastal ecosystems”*

*Dr Joseph DiBattista – Australian Museum and Curtin University*

*AFTERNOON TEA*

*2:30 pm “Comparing eDNA metabarcoding and electrofishing using occupancy models”*

*Emily McColl-Gausden – School of BioSciences, Faculty of Science, University of Melbourne*

*2:50 pm “eDNA – an evolution in applied science: A review of recent applications of eDNA methodologies for large infrastructure development and marine pest surveillance”*

*Tom Koskela – Principal Marine Scientist, Jacobs*

*3:10 pm “Behind the scenes at an environmental DNA laboratory”*

*Sarah Licul – Scientist, EnviroDNA*

*Closing Remarks*

*NETWORKING DRINKS*