



## **CRC TiME Forum Speaker Biography – Dr Grant Douglas**

Dr Grant Douglas is a Senior Principal Research Scientist in the Industry Environments Program in CSIRO Land and Water and a Visiting Professor in the School of Molecular and Life Sciences at Curtin University. He has >30 years of experience in environmental geochemistry and contaminant remediation having characterised tailings, waste rock and wastewaters to develop remediation and closure plans. He patented the P-adsorbent clay Phoslock™, currently used in 20 countries and the basis of a \$900M ASX-listed company. Currently he is commercialising Virtual Curtain, a wastewater treatment technology successfully applied to treat mine pit waters in Australia, and both nuclear and coal wastewaters in China. A third technology, EUREECA for capture and containment of radionuclides is at a pre-commercial stage. Other research projects include productive reuse of mineral by-products in environmental applications. He also manages the PFAS Contaminated Concrete and Asphalt project under the CSIRO-Australian Government Defence PFAS Research Program. In 2019, he was awarded the RACI Weickhardt Medal for his Distinguished Contribution to Economic Advancement, and in 2020 a ATSE Clunies-Ross Award for Knowledge Commercialisation. He has >70 refereed publications (>3400 Google Scholar citations), >150 internal/client reports, and holds six patents.