

Mohammadreza (Reza) Khanarmuei, Bureau of Meteorology

Bio:

Mohammadreza (Reza) Khanarmuei received his PhD from Queensland University of Technology, where he focused on Lagrangian data assimilation for hydrodynamic modelling of shallow water systems. He then joined the Bureau of Meteorology as a data scientist within the Aviation Innovation team. In that role, he contributed to the development of a convective storm nowcasting system and conducted verification assessments of terminal aerodrome forecasts (TAFs). In 2022, Reza transitioned to the Performance Assessment team in the Science and Innovation Group. His work primarily involves verifying the Bureau's official forecasts and numerical weather prediction (NWP) models. Currently, his work is focused on implementing METplus to enhance the verification capabilities for the Bureau's NWP models.