

REGOLITH GEOPHYSICS: RETROSPECT AND PROSPECT

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Australia leads the world in developing an understanding of the nature of regolith and regolith forming processes. This understanding is fundamental to the effective exploration of regolith dominated terrains and the effective management of our environment.

Geophysical techniques have an important role to play in characterizing regolith materials, mapping their distribution, and mapping and monitoring regolith forming processes. The efficacy of these techniques, including processing and interpretation strategies, has improved dramatically in the last decade. New, large data acquisition programs funded by the federal government and focused on the regolith should act as an impetus for further improvements in these techniques.

This presentation reviews advances in geophysics over the past decade and considers the challenges and opportunities that will face regolith geophysicists in the coming decade

Technical Area: Regolith Geophysics