

Postdoctoral Researcher Opportunity in South Africa

The Department of Earth Science at the University of the Western Cape, in Cape Town, South Africa, is seeking a candidate for a postdoctoral research position in the field of computational geology for 3D rendering of geological features with photogrammetry. The project is funded by the DSI-NRF Centre of Excellence for Integrated Mineral and Energy Resource Analysis (CIMERA).

Candidates are preferred to have knowledge of Agisoft Metashape and experience with drone images. Tasks for this position will include field work to collect images of relevant outcrops for photogrammetry, computational work to process images into 3D models, and visualization of the models for research purposes and virtual field trips. The key outcrops for this research will include sites of importance for geoheritage and planetary science (i.e., impact craters) in South Africa. Models will be projected within the Highly Immersive Visualization Environment (HIVE), a computationally advanced laboratory that is uniquely designed for processing and manipulating visual geological data.

The position will be funded from January 1, 2022 to December 31, 2023. The researcher will receive a bursary of R231,000/year (ZAR) for two years, and R60,000/year (ZAR) for research costs.

For further information or to apply, please contact:
Dr. Matthew S. Huber: mhuber@uwc.ac.za



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