

GEOMORPHOLOGY, TECTONICS, AND EXPLORATION

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Explorationists interpret satellite images for tectonic features and patterns that may be clues to mineral and energy deposits. The tectonic features of interest range in scale from regional (sedimentary basins, fold belts) to local (faults, fractures) and are generally expressed as geomorphic features in remote sensing images. Explorationists (present writer included) typically employ classic concepts of geomorphology and landform analysis for their interpretations, which leads to the question - "Are there new and evolving concepts in geomorphology that may be applicable to tectonic analyses of images?" The NASA workshop is an opportunity for explorationists and geomorphologists to explore topics of mutual interest and application.