

Amin Beiranvand Pour

Subjects: **Geology**

Contributor: Amin Beiranvand Pour

My scholarly interests range widely, from mineral exploration to environmental issues such as geo-hazard, structural mapping, geothermal and geomorphic and coastal geology investigations. Subsequently, I have conducted several research projects for geological mapping, disaster management and environmental modeling using a variety of satellite remote sensing data such as the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER), Landsat Enhanced Thematic Mapper+ (ETM+), Landsat-8, Advanced Land Imager (ALI), Hyperion and Phased Array type L-band Synthetic Aperture Radar (PALSAR) satellite data in arid and semi-arid terrains, Antarctic, Arctic and tropical environments.

Mineral exploration

ASTER

Gold exploration

My experiences in satellite remote sensing technology and geospatial image processing are broadly applicable to environmental investigations and exploring new prospects of ore mineral deposits. Geospatial image processing applications could be one of the most important research areas for mineral exploration, environmental modelling and disaster management. Remote sensing imagery has a high potential to enhance environmental researches and generating high-quality achievements.

Academic publication links:

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57202620926>

Google scholar

<https://scholar.google.com/citations?user=a66ukaoAAAAJ&hl=en>

Web of Science

<https://publons.com/researcher/1269632/amin-beiranvand-pour/>

Top reviewers in Geosciences (2019)

<https://publons.com/researcher/1269632/amin-beiranvand-pour>

Editorial Board:

Editorial Board of Remote Sensing "Environmental Remote Sensing" .

https://www.mdpi.com/journal/remotesensing/sectioneditors/environmental_remote_sensing

Editorial Board of Minerals "mineral deposits"

https://www.mdpi.com/journal/minerals/sectioneditors/Mineral_Deposits

Editorial Board of Arabian Journal of Geosciences (Geo-Informatics and Remote Sensing) <https://www.springer.com/journal/12517/editors>

Guest Editor of special issues in Remote Sensing

https://www.mdpi.com/journal/remotesensing/special_issues/hyperspectral_mining

https://www.mdpi.com/journal/remotesensing/special_issues/hyperspectral_rs_platforms

https://www.mdpi.com/journal/remotesensing/special_issues/synergy_remote_sensing_deep_learning_mineral_resources_environment

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