DESCRIPTION

Journal of Geochemical Exploration is mostly dedicated to publication of original studies in exploration and environmental geochemistry and related topics.

Contributions considered of prevalent interest for the journal include researches based on the application of innovative methods to:

- define the genesis and the evolution of mineral deposits including transfer of elements in large-scale mineralized areas.
- analyze complex systems at the boundaries between bio-geochemistry, metal transport and mineral accumulation.
- evaluate effects of historical mining activities on the surface environment.
- trace pollutant sources and define their fate and transport models in the near-surface and surface environments involving solid, fluid and aerial matrices.
- assess and quantify natural and technogenic radioactivity in the environment.
- determine geochemical anomalies and set baseline reference values using compositional data analysis, multivariate statistics and geo-spatial analysis.
- assess the impacts of anthropogenic contamination on ecosystems and human health at local and regional scale to prioritize and classify risks through deterministic and stochastic approaches.

Papers dedicated to the presentation of newly developed methods in analytical geochemistry to be applied in the field or in laboratory are also within the topics of interest for the journal.

Submission of studies presenting results related with global and continental-wide geochemical prospecting activities and review articles covering topics of interest for a broad international audience is also encouraged specially when accompanied by cartographic products.

To ensure high quality of both the peer review process and the published papers, associate editors are assigned to individual submissions in accordance with their own expertise.

AUDIENCE

Geochemists, Economic Geologists, Analytical Chemists.
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INTRODUCTION

JGE: a journal for map-based geochemistry.

Scope:

Journal of Geochemical Exploration is mostly dedicated to publication of original studies in exploration and environmental geochemistry and related topics.

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Original research papers, review papers, discussion papers and short communications are welcomed.

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