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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.

IMPACT FACTOR

2018: 3.472 © Clarivate Analytics Journal Citation Reports 2019
ABSTRACTING AND INDEXING

AGI's Bibliography and Index of Geology
Bulletin Signalétique
Chemical Abstracts
Current Contents
Engineering Village - GEOBASE
Mineralogical Abstracts
Pascal Francis
GeoRef
ESRISAT
Engineering Index
Meteorological and Geoastrophysical Abstracts
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To find out more, please visit the Preparation section below.

INTRODUCTION
JGE: a journal for map-based geochemistry.

Scope:
The journal is dedicated to the publication of research studies that cover new developments in the application of analytical geochemistry and geoinformatics. Themes considered by the journal include geochemical exploration and the genesis of ore deposits and mineralized areas, environmental geochemistry and geology including the role of the surface environment and impacts on human health, metal transfer processes in mineralized areas, the evaluation of the effects of historical mining activities on the surface environment, and related studies. To create a platform for the repository of map-based geochemistry data, a new section entitled "For the record", is designated for publishing stand-alone geochemical mapping results.

In order to manage manuscripts from all fields of study, the chief editors have divided the journal into topical sections: studies related to geoinformatics, geochemical exploration (excluding petroleum and organic geochemistry), geochemical baseline mapping, urban geochemistry, and map-based environmental geochemistry, including site characterization and remediation, are managed by Prof. Benedetto De Vivo; studies involving applications of geochemistry to ore genesis, the environment and to human health, geochemical distribution processes in mineralized areas affecting the surface environment, and geochemo-metrics are managed by Dr. Robert Ayuso.

To further help in the delivery of high quality papers covering the breadth of themes to the journal, associate editors are assigned to individual papers within their own expertise from either editor.

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

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To further help in the delivery of high quality papers covering the breadth of themes to the journal, associate editors are assigned to individual papers within their own expertise from either editor.

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