



**ASGMI**

Asociación de Servicios  
de Geología y Minería  
Iberoamericanos


Mapping & Regional Geology Expert  
Group and EGS-Geological Mapping &  
Modelling Expert Group (online)


15-16 Nov 2023


Institutional mission and  
achievements of the Ibero-  
American Geological and  
Mining Services Association

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JOIN US FOR

**ONLINE GEOLOGY WORKSH**

BY ASGMI & EGS EXPERT GROUPS ON  
**GEOLOGICAL MAPPING & MODELING**

**15 & 16 NOVEMBER 2023**

[WWW.EUROGEOSURVEYS.ORG](http://WWW.EUROGEOSURVEYS.ORG)

# ASGMI

The Ibero-American Geological and Mining Surveys Association, ASGMI, is a non-profit organization with its own legal personality, registered in the National Register of Associations of Spain in Group 1, Section 1, National Number: 601455, by Resolution of said Register dated December 11, 2012."

22  
Geological  
Surveys

21  
Countries

+2500  
Professionals

\$500  
Million per year  
In operational  
expenses

## OUR MISSION

- 01 The contribution to the socio-economic development of communities through horizontal cooperation among its members, both bilaterally and multilaterally.
- 02 The institutional strengthening of the associated Geological and Mining Surveys.



To establish itself as an organization capable of providing scientific and technical knowledge to respond to the growing social concern about issues such as disaster prevention and mitigation, rational and sustainable use of mineral resources and groundwater, soil and water contamination as a result of mining activity, and adverse effects of climate change.

## STRUCTURE



## EXPERT GROUPS

13 expert groups  
261 members



International cooperation



Geochemistry



Geological heritage



Geology museum network



Mining environmental liabilities



Informal and artisanal mining



Mineral resources



Geological hazards



Hydrogeology



Geographical information systems



Regional geology and geological mapping



Marine geology



Geothermal energy

## DIFFERENCE WITH EGS:

lack of a supranational organism similar to the EC (regulations and funding)

### INICIALMENTE

Collaboration among ASGMI members: exchange of knowledge and experiences.

- Workshop and trainings (cooperation and ASGMI funds)
- Agreements (bilateral cooperation)
- **Experts groups** (multilateral cooperation → Internal projects)

### ACTUALMENTE

**Projects with external funding.** ASGMI is known and valued as a partner.

# PROJECTS WITH EXTERNAL FUNDING:



Finished 2018



Finished 2018



Finished 2021



2020 - 2023



2019-2024



(2022-2026)



Highly innovative project aimed at transforming a mining liability into an energy asset. In this case, discarded tetrahedrites from tailings are reused in the manufacturing of tellurium-free thermoelectric devices.

# INTERNAL PROJECTS – EXPERT GROUPS



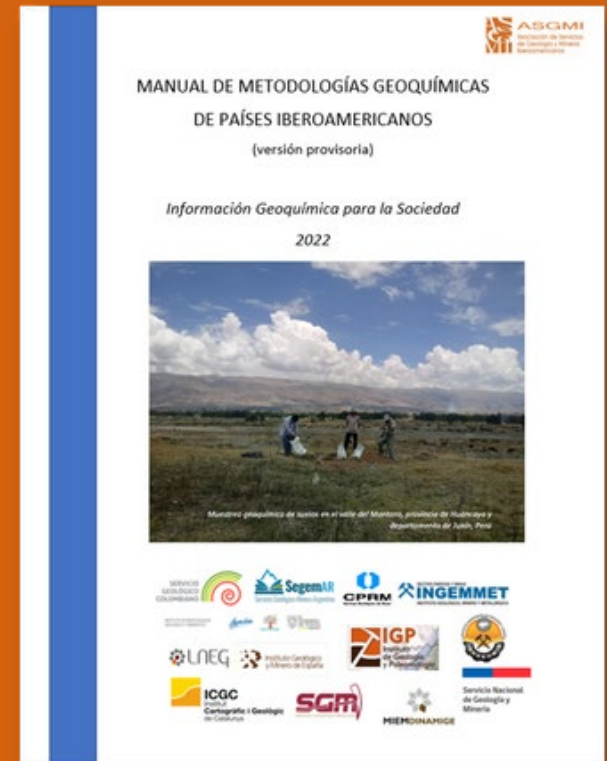
## EXPERT GROUP ON GEOCHEMISTRY



September 2022



November 2023



- Geochemical Atlas of South America
- Monographs on groups of elements related to critical raw materials

# INTERNAL PROJECTS – EXPERT GROUPS

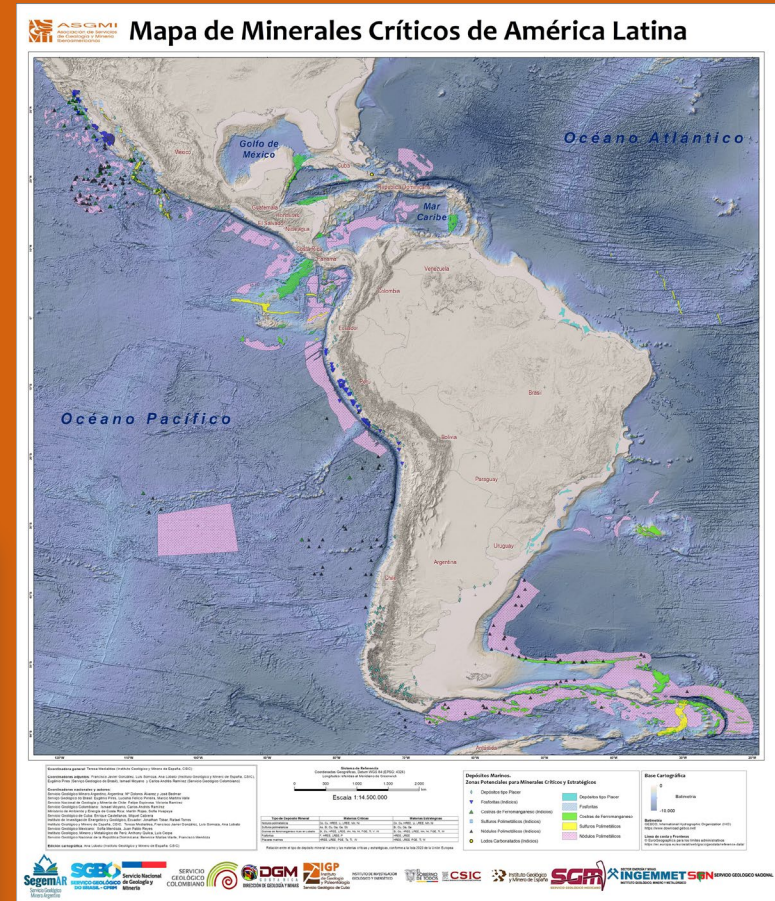
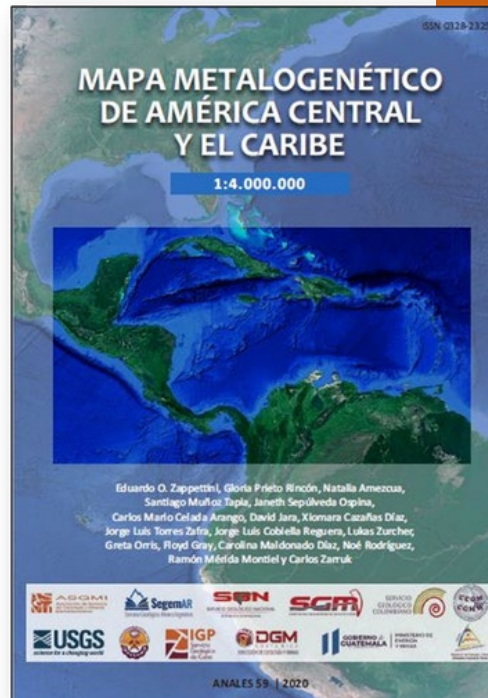


## MINERAL RESOURCES EXPERT GROUP



## GRUPO DE EXPERTOS EN GEOLOGÍA MARINA

- Map of Central America and the Caribbean
- Metallogenic Map of South America
- Inventory of Critical Minerals in Ibero-America
- Critical Minerals Map of Latin America



# INTERNAL PROJECTS – EXPERT GROUPS



## MINING ENVIRONMENTAL LIABILITIES EXPERT GROUP



Glosario técnico en materia de gestión de pasivos ambientales mineros.

(Segunda Edición - Noviembre 2022)

GRUPO DE EXPERTOS EN PASIVOS AMBIENTALES MINEROS DE ASGMI

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### PUBLICATIONS:

Manual for the inventory of abandoned or inactive mines.  
Knowledge and perceptions about mining environmental liabilities in ASGMI member countries.  
Technical glossary on mining environmental liabilities

### IN PROGRESS:

Manual for the inventory of abandoned or inactive mines (Segunda Edición)  
Manual for the risk assessment and classification of mining environmental liabilities  
Guide for the preprocessing and/or reuse of mining environmental liabilities

### OTHER COLLABORATIONS:

Minsus Project (participation in various workshops).






**ASGMI**


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Iberoamericanos


*¡Thanks!*

**Gracia Olivenza**

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