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## News at a Glance

- Resourcing Future Generations: Second Call for Proposals – **Deadline Extended (Jan 31st, 2017)**
- The 3rd IGCP-649 Workshop in Cuba (April 3-14, 2017)
- News from Commission for the Management and Application of Geoscience Information (CGI)
- Resourcing Future Generations - RFG2018: Call for Sessions

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## RESOURCING FUTURE GENERATIONS: SECOND CALL FOR PROPOSALS – DEADLINE EXTENDED (JAN 31<sup>ST</sup>, 2017)

IUGS invites bids for small top-up grants to take forward discrete pieces of work in support of RFG. This second invitation is open to all.

The first call in April 2016 attracted an encouraging number of proposals with six gaining funding.

Applications are invited for:

1. Novel work on an aspect of RFG, which develops an ongoing piece of work or an already separately funded research grant;
2. Organizing and running a workshop to promote RFG or an RFG theme.

Grants will average \$3000, though exceptionally a larger sum may be awarded.

Full call is accessible at: <http://geolsoc.org.uk/RFG>

Deadline: January 31st, 2017

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## THE 3<sup>RD</sup> IGCP-649 WORKSHOP IN CUBA (APRIL 3-14, 2017)

The Third IGCP-649 Workshop, organized by IGCP-649 project and Geological Society of Cuba, will take place on April 3-14, 2017 in Havana, the capital of Cuba and a UNESCO World Heritage Site, to investigate and discuss the origin of Cuba's ophiolite, chromitites, and peri-Caribbean mantle dynamics during VII Cuba Earth Science Convention. This workshop is supported by the IGCP-649 project "Diamonds and Recycled Mantle", which is sponsored by UNESCO and IUGS in support of our current work on ultrahigh pressure and highly reduced minerals in ophiolitic peridotites and chromitites. The project will undertake systematic sampling of peridotites-chromitites in different ophiolites around the world with diverse ranges of ages and geochemical affinities to document the extent of diamond occurrence in

the mantle. The Workshop will consist of four days of oral and poster presentations with VII Earth Science Convention of Cuba, focused on the geology of MBOB, chromitites, and comparisons with ophiolites elsewhere. It will be followed by 6 one-day field trips designed to provide a clear understanding of the geology and structure of MBOB and its chromitites.

Read more at: <http://www.igcp649.com/>

The first Circular is available [here](#).

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## NEWS FROM COMMISSION FOR THE MANAGEMENT AND APPLICATION OF GEOSCIENCE INFORMATION (CGI)

The CGI's [GeoSciML](#) data transfer standard was recently accepted by a unanimous vote of the Open Geospatial Consortium (OGC) Technical Committee. This significant milestone cements GeoSciML's place as the international geological data transfer standard.

A simplified version of the [EarthResourceML](#) data standard for mineral resources data - EarthResourceML-Lite - was released by the CGI in August 2016. EarthResourceML is used by several international data sharing initiatives, including INSPIRE, [Minerals4EU](#), and the [Australian Geoscience Information Network \(AusGIN\)](#).

The [Geoscience Information in Africa \(GIRAF\) Network](#), a collaborative BGR-CGI-UNESCO initiative, was successfully transferred into African hands at the 26th Colloquium of African Geology in Ibadan on 25th November.

Ollie Raymond, chair of the GeoSciML Standards Working Group, and Kristine Asch recently visited the China Geological Survey (CGS) in Beijing to present a series of talks on [geoscience information standards](#). The presentations were attended by 30 staff from the Beijing and provincial offices of the CGS.

Dr Stephen Richard, recently of the Arizona Geological Survey and now at Columbia University, was awarded the [2016 IUGS Science Excellence Award in Geoscience Information](#) at the 35th International Geological Congress.



# RFG 2018

RESOURCES FOR FUTURE GENERATIONS | VANCOUVER, CANADA

**June 16-21, 2018**

## CALL FOR SESSIONS

GET RESOURCEFUL - EMPOWER A GENERATION

Grounded in geoscience, the conference will serve as a forum for industry, government, academia and other stakeholders to discuss their research as well as the key issues and trends shaping the future delivery of energy, minerals and water resources within the context of sustainable development.

**The Premiere  
International  
Conference on:**

**MINERALS  
ENERGY  
WATER  
THE EARTH**

**ABOUT  
RFG 2018**

**DOWNLOAD  
THE BROCHURE**



## SESSION PROPOSALS

Submit your session proposal under the technical and nontechnical themes and sub-themes making up the below matrix.

**Proposals will be accepted until February 2017.**

Ideas that depart from session themes, provided that they are relevant to the conference, will be considered.

### Session proposals must include:

Proponents | Session title |  
Short summary | Relationship to conference partners |  
Expected participation

Energy	Minerals	Water	The Earth	Resources and Society
Conventional	Major Minerals	Sub-surface Water	Earth Evolution	Resources and Indigenous People
Unconventional	Minor - Critical Minerals	Surface Water	Earth Processes	Role of Geological Surveys
Sedimentary Basins	Technology and Metals	Water - Minerals	Earth Systems	Resource Frontiers - Arctic, Oceans
Geothermal - Renewable	New Sources	Water - Energy	GAC-MAC	Sustainability and Climate
				Knowledge and Education
				Geoethics
				Young Leaders

**SUBMIT YOUR SESSION PROPOSAL**

## WHY RFG 2018?

The rapid growth of developing economies and the fundamental needs of many disadvantaged people across the globe are resulting in an increased demand for many resources and changes in the delivery of existing ones. The need for focused environmental priorities and new technologies will add additional requirements and constraints.

The **International Union of Geological Sciences (IUGS)**, the **Canadian Federation of Earth Sciences (CFES)**, the **Canadian Institute of Mining, Metallurgy and Petroleum (CIM)**, the **Geological Association of Canada (GAC)** and the **Mineralogical Association of Canada (MAC)** are partnering to bring industry, academia and governments together to tackle this growing issue.

The **Resources for Future Generations conference (RFG 2018)** takes its theme from a **new IUGS initiative** of the same name designed to mobilize **geoscientists**, **policy-makers**, and other stakeholders to explore resource and related sustainability issues.

### RFG 2018 Technical Partners and Supporters

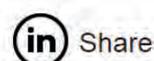
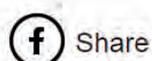
#### Who will attend?

This joint venture is estimated to attract 4,000 to 5,000 scientists, policy-makers, industry representatives and members of civil society.

[Download the brochure!](#)

-  **Education**  
4-day technical program  
2,500+ oral presentations and poster sessions  
Daily plenary followed by themed keynotes
-  **Discovery**  
Short courses and field trips
-  **Community**  
4,000 to 5,000 Canadian and international participants
-  **Exhibition**  
3-day trade show
-  **Students & Emerging Leaders**  
Special events and sessions dedicated to students and emerging leaders
-  **Networking**  
Knowledge exchange and business opportunities

Spread the word, join the **#RFG2018** discussion.





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## NOTES

- If you require notices, information on publications, etc. to be considered for inclusion in forthcoming IUGS e-bulletins, please mail to [amel.barich@iugs.org](mailto:amel.barich@iugs.org) or [amel.barich@gmail.com](mailto:amel.barich@gmail.com).
- Please check the IUGS [Calendar of Events](#) for upcoming scientific meetings this coming month. If you require information on international conferences, meetings, etc. to be considered for inclusion in this Calendar please mail to: [peter.bobrowsky@canada.ca](mailto:peter.bobrowsky@canada.ca)
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Prepared by:  
Amel Barich  
*IUGS Councillor*  
[amel.barich@iugs.org](mailto:amel.barich@iugs.org)  
<http://www.iugs.org>