

Minutes
M-003-2023-IUGS-COGE
COGE 1st Quarterly Meeting 2023

Date:	31st March 2023
Time:	20.00 hours (Perth, Australia)
Place/Type (chair):	Virtual (Zoom meeting, hosted by Sandra Villacorta)
Attendees:	Sandra Villacorta (SV), Ian Clark (IC), Kholoud Mohamed (KM), Sharon Locke (SL), Gerel Ochir (GO), Roberto Greco (RG), Susanna Occhipinti (SO), Susana Alaniz (SA), Elvaene James (EJ), Miguel Cano (MC), Clara Vasconcelos (CV), and Shankar R (SR)
Apologies:	Richard Serrano-Agila (RS)

Item	Description		
1	Quorum: There being ten (13) committee members present, a quorum was declared, and the meeting proceeded.		
2	Business arising from previous meetings/communications		
	Resolution	Responsible	Status
	Opening a calling for a COGE deputy chair and other members in the COGE Board	SV/IC	Pending
	Calling Chris King Medal evaluators committee	IC	Pending
	To submit missing national reports	Members who did not reported	On Going
	Invite other professionals of countries not represented to apply as COGE members	All	On going
	Request volunteers for subcommittees without a leader	SV/IC	On Going
	To prepare minutes of this meeting	SV	Completed
	Launching Chris King Medal on COGE website	SV	Completed
	To send minutes of this meeting to COGE members	IC	Completed
	To share minutes of meeting with EGU Education	SV	Completed
	To request opinion of COGE members on Babak Asli proposal	SV/IC	Completed
3	Review of agenda subjects		
	Agenda subject	Action	Responsible
	COGE General updates ❖ SV notified that the IUGS Executive Committee meeting was successful, and COGE's working plan strategy and processes (including the election process developed last year) were approved.	To promote COGE session at the IGC2024	Social Media Team
		To prepare 1-page report on COGE	SV/IC

<ul style="list-style-type: none"> ❖ On the COGE Ad-Hoc evaluation, after considering all the antecedents, the IUGS EC decided COGE will continue as an IUGS Commission with their support. ❖ IUGS EC had valuable feedback about the COGE planning strategy including a suggestion to enhance collaboration with IUGS commissions and IGEO. The IUGS EC advised us to move forward and focus on the working plan's completeness. ❖ COGE received new requirements from IUGS, such as a 1-page report on COGE activities for the new IUGS booklet and a brief for IUGS e-bulletin. ❖ IUGS Social Media Committee requested materials from COGE for their following social media campaigns. ❖ The COGE website has been relaunched in a new format to engage better with geoscience educators worldwide. ❖ Proposed COGE session received approval to be included in the next IGC2024. ❖ IC reported the financial activity: the current financial state of COGE is \$14,376. ❖ IC explained the budgeted expenditure: representatives' expenses for the chair's attendance at the IUGS EC meeting, website management and redesign, bank fees, Chris King medal and travel & materials for GEFOs. 	<p>activities for the new IUGS booklet and a brief for IUGS e-bulletin.</p>	
<p>COGE subcommittees report</p> <ul style="list-style-type: none"> ❖ <i>The Chris King Medal subcommittee.</i> Advertised on our website and soon on our social media accounts. A panel evaluator is required. ❖ <i>GEFO Program.</i> <ul style="list-style-type: none"> □ SO informed on the challenges faced while coordinating with Geosciences field officers from various countries, highlighting communication issues as a significant obstacle. □ SO created a shared drive for field officers to upload presentations and reports but has received limited responses. She plans to meet EGU GEFOs in Vienna and Barcelona in April. □ SO suggested that setting up precise expectations could lead to better results and a more unified effort with EGU Education to optimize the GEFO Program. ❖ <i>Social media subcommittee</i> <ul style="list-style-type: none"> □ A COGE member with experience in social media and website management is needed to lead this subcommittee and establish a strategy. □ The leader will work with associated (Romina Celabe, Babak Asli and Amiel Nieto) ❖ <i>The publications subcommittee.</i> SA informed COGE members that she has been working on a Journal proposal with some COGE members. ❖ <i>The international relationships subcommittee.</i> It oversees our connections with international 	<p>To call an international panel for evaluating Chris King Medal applications</p>	<p>IC</p>
	<p>Advertise The Chris King Medal on COGE social media accounts</p>	<p>Social Media Team</p>
	<p>Collaborate with the IUGS Social Media Committee and provide materials to share.</p>	<p>Social Media Team</p>

<p>organisations for global collaboration and seeks external funding opportunities for COGE. RG has volunteered to do this work and has begun supporting communication with organizations like WOMEEESA and ENGIE Project.</p>		
<p>COGE members report on national activities</p> <p>❖ Brazil</p> <ul style="list-style-type: none"> □ RG mentioned that due to the change in the Brazilian government, some of the educational laws set before are under discussion. These laws could change in the next few months. □ There are projects on Geoheritage that also involve education and there is quite an active group that work on palaeontology and geoscience in general communication using Instagram and other tools. <p>❖ Egypt</p> <ul style="list-style-type: none"> □ KM mentioned news about new study on the climate change education in Egypt □ The study is due to be published as a scientific article. <p>❖ India</p> <ul style="list-style-type: none"> □ SR informed there are in India three different schemes run by state and federal governments □ SR spoke at his alma mater, Indian Institute of Technology Bombay, to Master's students from across the country. □ SR informed he is the coordinator for IESO 2023 and then discussed interaction with a new research institute in Bangalore which focuses on teaching geoscience to school children through experiments and hands-on experiences. <p>❖ Italy</p> <ul style="list-style-type: none"> □ SO discussed her work with a local organization focused on geoscience education, particularly for science teachers. She mentioned the challenges of improving geoscience education in Italy. The organization has an office in Italy and maintains a relationship with the Geological Society of Italy. □ SO has presented activities at universities in Italy but acknowledges the difficulty in aligning everyone's efforts in the same direction. Despite the interest from many people, there is still much work to be done. □ She also mentioned a collaboration with a geological journal, where they write about 	<p>Evaluate new membership applications in a new survey</p>	<p>All</p>

<p>educational ideas and share them with students.</p> <ul style="list-style-type: none"> ❖ Peru <ul style="list-style-type: none"> □ SV informed about the organisation this year of the 2nd Peruvian Earth Science Olympiads and MinerLima: a mineral exhibition for the general audience run every year in Peru. □ It was mentioned that the Peruvian initiatives on geoscience education are presented as an example in the book titled "Geosciences in Action: Advancing Sustainable Development", co-published by AGU and UNESCO. ❖ Philippines <ul style="list-style-type: none"> □ MC provided some insights into the challenging times in the Philippines due to the recent election. He also shared that they were preparing for IESO 2024 but were finding it difficult to adjust to the online competition format. They were excited about the next IESO and transitioning to the new mode of selection. ❖ USA <ul style="list-style-type: none"> □ SL provided a report on the activities in the USA and the ongoing issue of the Next Generation Science Standards in the US and the struggles in geoscience education. □ SL is coordinating with US colleagues and collaborating with a new candidate for COGE membership, Scott Miller, who was enthusiastic about being a part of international geoscience initiatives. 		
<p>Introduction of new COGE regular members</p> <ul style="list-style-type: none"> ❖ Malaysia EJ shared her experience and expressed her interest in educating the younger generation about geosciences, in Malaysia, due to frequent natural disasters such as floods, landslides, and heavy rain, which may be caused by climate change. ❖ Mexico <ul style="list-style-type: none"> ❖ SA, is an structural geologist from the National University of Mexico (UNAM), who has been working as professor and editor for the UNAM geosciences' journal, while also engaging in educational initiatives with multiple schools and research groups in Guanajuato, Mexico over the past two decades. 	<p>To prepare minutes of this meeting</p>	<p>SV</p>
	<p>To send minutes of this meeting to COGE members</p>	<p>IC</p>
	<p>Request volunteers for subcommittees without a leader</p>	<p>SV/IC</p>

	<p>Presentation of COGE Journal Project by Susana Alaniz</p> <ul style="list-style-type: none"> ❖ SA presentation aimed to propose a project of a journal aimed at teachers interested in introducing earth science-related subjects, which could be published in multiple languages, including Spanish, Portuguese, French, English, and Italian. ❖ COGE Journal proposal aims to promote science education worldwide and especially in developing countries. The journal will include original articles that highlight classroom, laboratory, field experiences, and other resources that enhance the teaching-learning process, as well as diverse ways of teaching geoscience around the world through a peer-reviewed, open access journal at no cost to authors. The journal will cover a variety of topics related to geosciences, such as environment, biodiversity, and sustainability, and may include virtual field trips and manuals. ❖ The journal would accept articles in several languages, be peer-reviewed, and could have a processing charge. ❖ The proposal also included the possibility of using an existing Mexican journal as a starting point for the new journal. ❖ Proposal for the budget for the new journal, including the costs of technical editing and the need for a production editor will be discussed in a survey. ❖ CV raised a question about the name of the journal, as there is already a Geoscience Journal with a similar name. The group agreed to discuss the name further in a survey. 	<p>To request opinion of COGE members on Mission/vision</p>	<p>SV/IC</p>						
<p>4</p>	<p>Closing of General Assembly</p> <ul style="list-style-type: none"> ❖ SV congratulated and thanked the support of commissioners who are volunteering for attending tasks and subcommittees. ❖ SV emphasized the importance of the commission in providing better geoscience education worldwide and called for the support of COGE members, which is crucial, to continue its initiatives and activities. 	<p>To request members' opinion on COGE Journal Project including sources of funding and languages for the journal.</p>	<p>SV/IC</p>						
<p>5</p>	<p>Next meeting: to be organized by SV</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Time</td> <td></td> </tr> <tr> <td>Date</td> <td>June/July</td> </tr> <tr> <td>Place/Type</td> <td>Virtual (Zoom meeting)</td> </tr> </table>			Time		Date	June/July	Place/Type	Virtual (Zoom meeting)
Time									
Date	June/July								
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<p>6</p>	<p>Meeting close: 19:10 hours (Perth, Australia)</p>								
<p>Minute taker:</p>	<p>SV</p>								
<p>Review:</p>									
<p>Date:</p>									