

Republic of the Philippines

Department of Education

Region VI – Western Visayas
SCHOOLS DIVISION OF CAPIZ

Division Advisory No. 035, s. 2023

March 21, 2023

In compliance with DepEd Order (DO) No. 8, s. 2013 this advisory is issued not for endorsement per DO 28, s. 2001, but only for the information of DepEd SDO Capiz officials, personnel/staff, as well as the concerned public.

(Visit www.depedcapiz.ph)

Attached is a letter from Raphael Francis E. Dequilla, Marketing Head, UP Geological Society, regarding the $10^{\rm th}$ National Geology Congress.

Participation to this activity is voluntary and subject to the nodisruption of classes policy per **DepEd Order No. 09, s. 2005** (Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith), and no collection policy per **DepEd Order No. 09, s. 2008** (Implementation of No Collection Policy in All Public Elementary and Secondary Schools).

For more information, please contact:

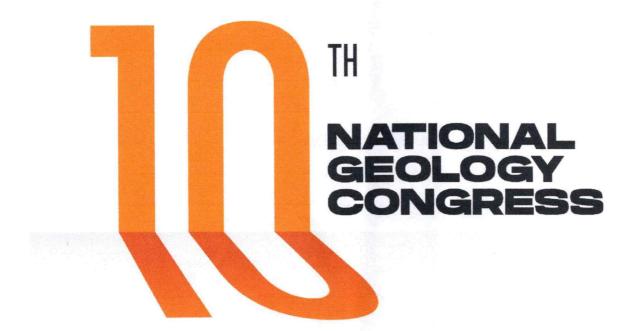
RAPHAEL FRANCIS E. DEQUILLA

Marketing Head UP Geological Society

Mobile Numbers: 09950324960, 09260517524, 09396246386

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INVITATION



UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2023

Warmest greetings!

The University of the Philippines Geological Society (UP GeoSoc) is the oldest student organization based in the National Institute of Geological Sciences (NIGS) dedicated to the pursuit of honor and excellence in the field of geology. The organization takes pride in its alumni who became forerunners in the different fields of geology, including the industry, geothermal, mineral, and oil exploration, and in the academe.

In the 65th year of the society, we are holding the tenth installment of the annual National Geology Congress (NGC), a series of events with over 1500 participants from all over the country joining every year. In its tenth year, UP GeoSoc aims to strengthen its goals to equip high school earth science teachers and students with the tools necessary for proper discussion and integration of both the discipline and the practice; and promoting the impact and importance of geology in our daily lives. Due to the ongoing pandemic, this year's NGC is to be done in an online setup. The webinars will be conducted via Zoom on April 15, 22, and 29, 2023. Registration for the webinars is free of charge.

In this regard, we are humbly inviting your school to participate in the activities that we have prepared. We are assuring that this year's NGC will be a worthwhile and enjoyable experience. Attached herewith are the details about the event and the activities.





CORE

LETICIA CALDEJON
Overall Co-head

MARK SUMADEN
Overall Co-head

ALYSSA DALISAY
Secretariat

GABRIEL FETALVO Logistics and Technicals

RAPHAEL DEQUILLA Marketing Head

ANGELIQUE AMBATA

Earth Science Teachers' Webinar Head

ABIGAIL MANAHAN

High School Students' Webinar Head

RAPHAELA BENZON

Geology Students' Forum Head

MARC FORNESTE

Infographics Contest Head

AUDRIC GARDOÑA Creatives Head

10th NATIONAL GEOLOGY CONGRESS

UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2023

Attached herewith are the details about the event and the activities.

Should there be any concerns, or if you wish to set an appointment, please feel free to contact us through email (ngcmarketing.geosoc@gmail.com) or mobile (09950324960, 09260517524, 09396246386).

Sincerely,

Raphael Francis E. Dequilla

Marketing Head UP Geological Society

UP Geological Society 09950324960 (Globe)

Noted:

Leticia Maria Diana Y. Caldejon Event Co-Head, 10th NGC

Event CV-Head, 10th NGC 09260517524 (Globe)

Mark B. Sumaden

Event Co-Head, 10th NGC 09396246386 (Smart)

Marco Affredo J. Barrientos

Adviser

UP Geological Society





UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2023

ABOUT UP GEOLOGICAL SOCIETY

The University of the Philippines Geological Society (UP GeoSoc) is a duly recognized university-based academic organization. Primarily composed of BS Geology students, UP GeoSoc is the oldest and one of the largest organizations based at the National Institute of Geological Sciences (NIGS), UP Diliman. The society promotes the advancement of the geological sciences and the national issues concerning it among the student body and the local community. Founded in 1957, the organization and its members have continuously dedicated themselves to the pursuit of honor and excellence in the field of geology. Currently, UP GeoSoc has been active in its community and regularly partners with different organizations inside and outside the university.

ABOUT THE NATIONAL GEOLOGY CONGRESS

The National Geology Congress (NGC) is the flagship event of the University of the Philippines Geological Society. Through a month-long series of events, it aims to reach out to high school students and their teachers across the country to promote knowledge in geological sciences. With a growing number of participants each year, the event has a track record of successful partnership with both companies and schools alike.

Navigating through the challenges brought about by the current times, the NGC shifts its focus to emphasizing the relevance of geology and related fields. More importantly, it aims to bridge the disconnect between the public and scientific knowledge. In its 10th installment—albeit to be conducted online—the NGC aims to bring insightful, relevant, yet fun-filled activities to a wider audience.



@upgeosoc



UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY **APRIL 2023**

EVENTS

HIGH SCHOOL STUDENTS' WEBINAR (HSW) - APRIL 15

A 1-day webinar that aims to foster appreciation and knowledge of the geosciences catered towards high school students. This also aims to supplement them with basic geology concepts as well as mentorship through members.

EARTH SCIENCE TEACHERS' WEBINAR (ESTW) - APRIL 22

A 1-day webinar that aims to equip high school teachers with supplementary knowledge on how to teach Earth Science in the K-12 curriculum.

GEOLOGY STUDENTS' FORUM (GSF) - APRIL 29

A 1-day webinar and forum that aims to update Geology students on recent geoscience advancements around the country as well as foster communication among participant universities, colleges, and organizations.

INFOGRAPHICS CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin (DIWA) is a contest open to high school students that aims to promote the knowledge and appreciation of Philippine Geology. By using local languages formatted into easy-to-understand infographics, students can showcase their creativity and understanding of our country's geology.







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APRIL 2023

NGC IN NUMBERS (9TH INSTALLMENT, 2022):

Participants

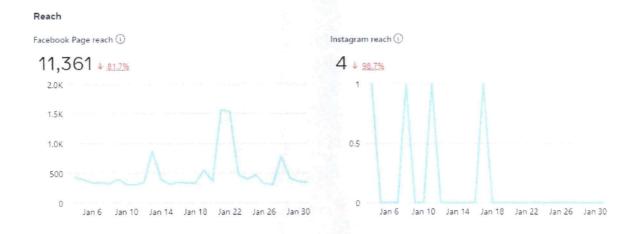
HSW: 854 ESTW: 456 GSF: 306

Poster Making: 57

Approximately 7,000 cumulative views on Facebook live with international participants

Total of 46 sponsors and partners

As of February 2, 2022, UP GeoSoc's official Facebook page has an audience of 15,565 and is continually increasing, along with an organic reach ranging from 1,000-12,000.

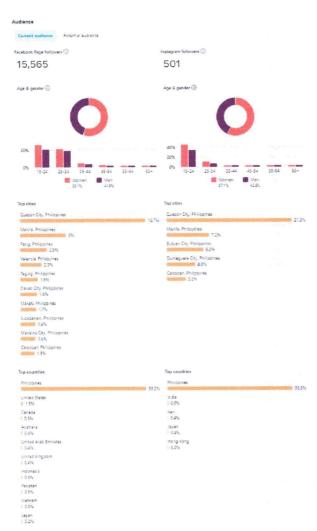


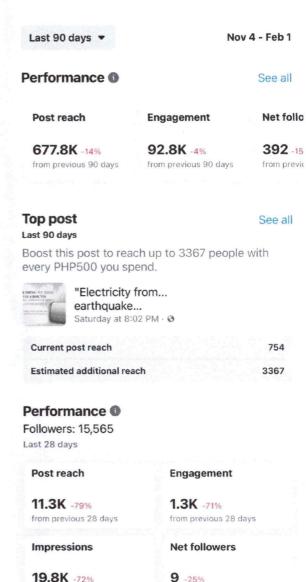






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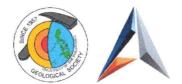




from previous 28 days

from previous 28 days









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APRIL 2023

EARTH SCIENCE TEACHERS' WEBINAR GUIDELINES

WEBINAR TITLE: Exploring the Extremes: A Crash Course on Mineralogy and Earth History

TARGET AUDIENCE: Earth Science Teachers (Junior and Senior High School Level)

EVENT DATE: April 15, 2023

REGISTRATION LINK: https://tinyurl.com/10NGCESTW

DESCRIPTION OF THE EVENT:

The **Earth Science Teacher's Webinar** is a one-day webinar that aims to equip high school teachers with supplementary knowledge on how to teach Earth Science in the K-12 curriculum. It also aims to provide a crash course on the topic, to impart remote teaching strategies for high school science teachers, and to possibly provide information in the Philippine context.

EVENT OBJECTIVES:

- 1. Provide teachers with supplementary knowledge to effectively teach earth history and mineralogy online and face-to-face
- 2. Present new strategies and tools that may help in making science teaching more engaging
- 3. Impart technical knowledge on certain applications that may be relevant in teaching science topics
- 4. Facilitate a fruitful exchange of insights among the participant

TOPICS:

- Crash Course on Earth History
- HHMI Biointeractive EarthViewer Workshop
- Crash Course on Mineralogy



UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY **APRIL 2023**

EXPECTED PROGRAM FLOW:

Time	Activity	Time Allotment
12:00-12:30	Tech Run	30 minutes or less
12:30-12:50	Speakers Briefing and Final Reminders	20 minutes or less
12:50-1:00	Admission of Participants and Showing of Partners' Videos	10 minutes
1:00-1:05	Event Introduction	5 minutes or less
1:05-1:10	Opening Remarks	5 minutes or less
1:10-1:15	Introduction of Speaker 1	5 minutes or less
1:15-1:45	Speaker 1: Earth History	30 minutes
1:45-1:50	Introduction of Speaker 2	5 minutes or less
1:50-2:30	Speaker 2: BioInteractive Workshop	40 minutes
2:30-2:45	Q&A and Awarding of Certificate for Speakers 1 and 2	15 minutes or less
2:45-2:55	Break/Showing of Partners' Videos	10 minutes or less
2:55-3:00	Introduction of Speaker 3	5 minutes or less
3:00-3:30	Speaker 3: Mineralogy	30 minutes
3:30-3:40	Q&A and Awarding of Certificate	10 minutes or less
3:40-3:50	Showing of Partners' Videos	10 minutes or less
3:50-3:55	Closing Remarks	5 minutes or less



UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY **APRIL 2023**

HIGH SCHOOL STUDENTS' WEBINAR GUIDELINES

WEBINAR TITLE: Peek Above the Peak: Discovering Career Paths in the Geosciences

TARGET AUDIENCE: High School Students

EVENT DATE: April 22, 2023

REGISTRATION LINK: https://tinyurl.com/10NGCHSW

DESCRIPTION OF THE EVENT:

HSW is a one-day webinar catered for high school students that aims to encourage appreciation and impart knowledge related to geosciences. This year's installment is an online career talk focused on introducing and familiarizing students with some of the diverse fields and career paths they can take with a degree in geology.

TOPICS:

Spatial Data Science and GIS

- Introduction to GIS and some basic knowledge about Spatial Data Analysis
- Applications of GIS/Spatial Data Science in the geosciences
- Skills needed to pursue a career in Spatial Data Science
- Some experiences in the field

Paleontology and Museology

- Introduction to Paleontology and Museology
- Applications of geological knowledge and skills in museum research
- Introduction to paleontological investigations of the Philippines (discoveries, workflow, field samples, etc.)
- Some experiences in the field

Mining and Mineral Exploration

- Introduction to Mining and a geologist's role in Mineral Exploration
- Basic introduction on the role of geology and geographic location of the Philippines in mineralization and mineral resources
- Mining Industry in the Philippines (deposits, products, etc.)
- Some experiences in the field







UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY **APRIL 2023**

EXPECTED PROGRAM FLOW:

Time	Activity	Time Allotted
12:50-1:00 PM	Admit participants	10 minutes
1:00-1:05 PM	Introduction and House Rules	5 minutes
1:05-1:10 PM	Welcoming Remarks	5 minutes
1:10-1:15 PM	Introduction to Speaker 1	5 minutes
1:15-1:45 PM	Speaker 1	30 minutes
1:45-1:55 PM	Q&A and Awarding of Certificate	10 minutes
1:55-2:00 PM	Introduction to Speaker 2	5 minutes
2:00-2:30 PM	Speaker 2	30 minutes
2:30-2:40 PM	Q&A and Awarding of Certificate	10 minutes
2:40-2:50 PM	Ice-breaker/Break/Message from Sponsors	10 minutes
2:50-2:55 PM	Introduction to Speaker 3	5 minutes
2:55-3:25 PM	Speaker 3	30 minutes
3:25-3:35 PM	Q&A and Awarding of Certificate	10 minutes
3:35-3:45 PM	Raffle	10 minutes
3:45-3:50 PM	Closing Remarks	5 minutes
3:50-4:00 PM	Eggress	10 minutes





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GEOLOGY STUDENTS' FORUM GUIDELINES

FORUM TITLE: Transforming Terrains: Advancing Geosciences toward Sustainable Energy

TARGET AUDIENCE: BS Geology students and students of related fields

EVENT DATE: April 29, 2023

REGISTRATION LINK: https://tinyurl.com/10NGCGSF

DESCRIPTION OF THE EVENT:

GSF is the most recent event included in the National Geology Congress. This year's GSF aims to provide a platform for discussion among different sectors of renewable energy in the Philippines. The following questions are targeted to be addressed:

- 1. What are common misconceptions about renewable energy resources that should be addressed?
- 2. What is the state of renewable energy resources in the Philippines? What significant programs or projects are currently being operated?
- 3. What can we expect this year and in the upcoming years with the exploration and development of renewable energy sources? What new technologies or techniques are being adapted by the Philippines, if any?
- 4. What job opportunities are available in local agencies, industries, and related energy sectors?
- 5. How can geologists or geoscientists contribute to the establishment of sustainable energy policies?

TOPICS INCLUDED IN THE FORUM:

- Nuclear Energy
- Geothermal Energy
- Other Emerging Renewable Energy Resources



UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY **APRIL 2023**

EXPECTED PROGRAM FLOW:

Time	Activity	Time Allotment
1:00 - 1:10 PM	Introduction	10 minutes or less
1:10 - 1:15 PM	Opening Remarks	5 minutes or less
1:15 - 1:20 PM	Roll Call of Speakers	5 minutes or less
1:20 - 2:20 PM	Situationer Report	1 hour or less
2:20 - 3:40 PM	Question and Answer Portion	1 hour and 20 minutes or less
3:40 - 3:50 PM	Presentation of Certificates	10 minutes or less
3:50 - 3:55 PM	Closing Remarks	5 minutes or less
3:55 - 4:00 PM	Adjournment	5 minutes or less



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DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

RATIONALE:

This year's contest aims to showcase the geology of the provinces in the Philippines while highlighting the provinces' aesthetic and diversity. It promotes the use of Philippine languages in communicating science concepts through infographics to improve understanding and appreciation among local communities.

CONTEST SITE: https://cutt.ly/10NGCDIWA

MECHANICS AND GUIDELINES:

Eligibility

Grade 9 to 12 high school students from the Philippines are enjoined to participate.

Contest Mechanics

- a. Participants must register by filling up the <u>online registration form</u> to be posted on UP Geological Society's Facebook page as well as the contest website. Unregistered submissions will not be accepted.
- b. Participants will create an infographic of anything related to the provinces of the Philippines infused with geology concepts (i.e. Geology of the Chocolate Hills in Bohol). If participants need to consult a topic, they may use the helpdesk available through the <u>contest website</u>. Please be mindful of the consultation policies indicated in the site.



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Contest Mechanics (cont'd)

- c. The infographic is expected to promote an appreciation of geology and enhance understanding of concepts underlying significant geologic studies and discoveries, as well as interesting facts related to different locations in the Philippines. Participants are encouraged to choose the provinces they are currently staying in or their hometowns. They may create an infographic about the province as a whole or choose one location and indicate the province it is located in.
- d. Participants may work individually or in pairs.
- e. Infographics should be of size A3 (297 mm x 420 mm) and written in any Philippine language. Infographics submissions written in English will not be considered.
- f. In creating the infographics, participants are recommended to use any of the following applications and programs:
 - Canva
 - Adobe Photoshop
 - Adobe InDesign
 - Inkscape
 - Adobe Illustrator
 - Medibang Paint
 - Microsoft Publisher
 - Microsoft PowerPoint
 - PhotoGrid
 - PicsArt
 - Ibis Paint X
 - Affinity Photo
 - Affinity Designer
 - Adobe Fresco
 - Snapseed
 - Corel Softwares
 - Procreate
 - Photopea
 - GIMP



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Contest Mechanics (cont'd)

- g. Aside from the infographic, participants must also submit the following in a single PDF file:
 - an English translation of the infographic's content for judging,
 - a 150-word maximum introductory paragraph in English as a caption for posting,
 - Reference list as seen in the infographic.
 - Use the following format for the PDF file submission:
 - Letter size
 - Arial font size 12
 - 1.5 line spacing
 - Files should contain subheadings: "Infographic Translation", "Introductory Paragraph for Caption" and "References"
 - Translation must contain subheadings for each section/text box corresponding to the infographic
 - Save the file with the following filename: [Surname/s of Participant/s Translation]
- g. Information present in the infographic must be from reliable sources and properly cited in APA format (7th edition). References must be shown at the bottom of the infographic.
- h. All photos and graphics incorporated in the entry must be properly cited and should not infringe any existing copyright and/or intellectual property rights.
- i. The name and school of the participant should appear on the infographic.
- j. Entries should be submitted on or before 11:59 PM of April 10, 2023 through the Submission Bin in the contest website: (insert link)
- k. The submission deadline will be strictly followed. Late submissions will not be accepted.



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Contest Mechanics (cont'd)

- After submission, an email will be sent to confirm your submissions. Submissions are considered final and cannot be modified after.
- All entries along with the caption will be posted on UP GeoSoc's Facebook page: n. https://www.facebook.com/upgeosoc

Criteria

The infographics must be accurate, concise, organized, and visually appealing. It will be assessed using the criteria below:

Criteria		Weight
Content (65%)	Accuracy of Information	30%
	Clarity and Organization	15%
	Relevance to Topic	10%
	Reliability and Citation of Sources	10%
Visual Appeal (35%)	Creativity and Design	20%
	Impact	15%
Total		100%

A more detailed criteria with rubrics can be found in the contest site.





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Judging

Judging for this year's DIWA Contest will be done in 2 phases:

1. **Pre-judging phase** - Entries will be evaluated using the criteria mentioned above. This will serve as an elimination round.

Only the top 40% of entries will proceed to the final judging phase. The pre-judging panel will be composed of 3rd-4th Year UP GeoSoc members and licensed geologists.

More weight will be given to the scores from the licensed geologists of the panel.

Final judging phase - Top 40% Entries will be judged by a professional panel of judges. Your 1. score in the pre-judging phase will not affect your score during the final judging phase.

The decision of the judges is final and irrevocable

Participants may request to view their pre-judging and judging scores and comments after the release of the overall results.

Prizes

The winners of the contest will receive the following monetary prizes. Additional prizes from sponsors may also be announced:

- 1st Place Php 5000
- 2nd Place Php 3500
- 3rd Place Php 2000

Terms and Conditions

By entering the Contest, you agree and warrant that:

- The submitted infographic is an original creation of the registered contestant of the school. This serves as the official entry of that school.
- The creator/s of the official entry own all of the copyright in that entry, including all graphics and content. Otherwise, they must include the sources of these materials in their official entry.
- The author/s of the official entry should agree to allow us, UP Geological Society, an exclusive, royalty-free, perpetual, and irrevocable license to copy, store, distribute, transmit and publish their entry.





UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY APRIL 2023

Grounds for Disqualification

Submissions containing the following are subject to disqualification:

- Plagiarism and/or intellectual theft;
- Falsification of information
- Derogatory, sexually explicit/suggestive, or other inappropriate themes and language
- Inappropriate depiction of alcohol, illegal drugs, tobacco, firearms/weapons, or any activities that may appear unsafe or dangerous
- Defamation or misrepresentation of people, companies, and private entities
- Materials representing the names, photographs, or other indicia identifying any person, living or dead, without permission

Key Dates

Deadline for Registration and Submission: April 10, 2023

Expected Release of Results: TBA

Contest Site

All relevant forms, links, and resources will be compiled into a website. Please visit: https://cutt.lv/10NGCDIWA

You may view the following in the website:

- Registration Form
- Contest Mechanics
- Contest Timeline / Key Dates
- Submission Bin
- Helpdesk Link
- DIWA 2021 Entries
- DIWA 2022 Entries
- 10th National Geology Congress Links
- Our contact information