



Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY

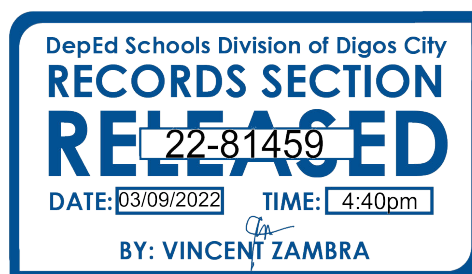
OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

Division Advisory No. 026 s. 2022
March 7, 2022

In compliance with DepEd Order No. 8, 2013
this Advisory is issued not for endorsement per DO 28, s. 2001,
but for the information of DepEd officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

National Geology Congress

1. Herewith is a letter from UP Geology Society, an academic organization based in the National Institute of Geological Sciences (NIGS), inviting participation to the annual National Geology Congress (NGC) via Zoom on April 2, 8, and 23, 2022, all events being free of charge.
2. In this regard, students and teachers are encouraged to participate in said activity. Interested entities may register in the following links:
 - Earth Science Teachers' Webinar (ESTW): <https://tinyurl.com/9thESTW>
 - High School Students' Webinar (HSW): <https://tinyurl.com/NGCHSW2022>
 - Geology Students' Forum (GSF): tinyurl.com/GSF2022RegForm
 - Dignayan sa Infographics, Pagyamanin sa Wikang Atin (DIWA) Contest: <https://tinyurl.com/DIWA2022>
3. Participation in the said activity shall be on official time and subject to the policy on "No Disruption of Classes" per DepEd Order No. 9, s. 2005, entitled "Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith."
4. Other details are in the enclosures.
5. For information, dissemination and guidance.




CRISTY C. EPE
Schools Division Superintendent

Encls: Letter invitation from UP Geology Society, dated February 28, 2022
References: Letter invitation from UP Geology Society, dated February 28, 2022
To be indicated in the Perpetual Index under the following subjects:
CURRICULUM SCIENCE CONGRESS
Ibj: National Geology Congress



Roxas Street cor. Lopez Jaena Street, Zone II, Digos City 8002
☎ (082) 553-8396 | (082) 553-8376 | (082) 553-9170 | (082) 553-8375
📠 (082) 553-8396 | (082) 553-8376
🌐 www.depeddigoscity.org | ✉ digos.city@deped.gov.ph



Fig. 1



THE 9TH NATIONAL GEOLOGY CONGRESS

(invitation)





CORE TEAM

DANELLA CALLOSA

Co-Head

DOMINIQUE OPERANIA

Co-Head

JOSHUA CUEVAS

Secretariat

PHOEBE TORRES

Logistics and Technicals Head

ARIS CASTRO

High School Students'

Webinar Head

PAULA JATULAN

Earth Science Teachers'

Webinar Head

MARK SUMADEN

Geology Students' Forum Head

ANGELA MASONGSONG

Infographics Contest Head

APRIL TUMPALAN

Marketing Head

PATRICK CAYTILES

Creatives Head

9TH NATIONAL GEOLOGY CONGRESS

UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY

APRIL 2022

To whom it may concern,

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 64th year of the society, we are holding the annual **National Geology Congress** (NGC), a series of events with over 1500 participants from all over the country joining every year. Even after nine years, UP GeoSoc continues to fulfill the NGC's objectives: **equipping 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 our current circumstances, this year's NGC is geared towards a completely online setup. It will be conducted **via Zoom on April 2, 8 and 23, 2022.** All events are **free of charge.** Further guidelines will be sent in the following days should there be additional queries on the setup.

In this regard, we are humbly inviting your school to participate in the activities 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.



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UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2022

Should there be any concerns, or if you wish to set an appointment, please feel free to contact us through e-mail (ngcmarketing.geosoc@gmail.com) or mobile (09361595536, 09273042113, 09352022580).

Sincerely,

April Szyan Joy E. Tumpalan
Marketing Head
UP Geological Society
09361595536 (TM)

Noted:

Danella Trina S. Callosa
Event Co-Head, 9th NGC
09273042113 (TM)

Dominique Anne D. Operania
Event Co-Head, 9th NGC
09352022580 (TM)

Marco Alfredo J. Barrientos
Adviser
UP Geological Society



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APRIL 2022

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 continues to be 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 week-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 partnerships with both companies and schools alike.

Navigating through the challenges brought about by the current times, the NGC shifts its focus in emphasizing the relevance of geology and related fields. More importantly, it aims to bridge the disconnect between the public and scientific knowledge. In its 9th installment—albeit to be conducted online—the NGC aims to bring insightful, relevant, yet fun-filled activities to a wider audience.



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APRIL 2022

NGC IN NUMBERS

(8TH INSTALLMENT, 2021):

Approximately 10,000 cumulative views on Facebook Live with international participants

Total of 32 sponsors and partners

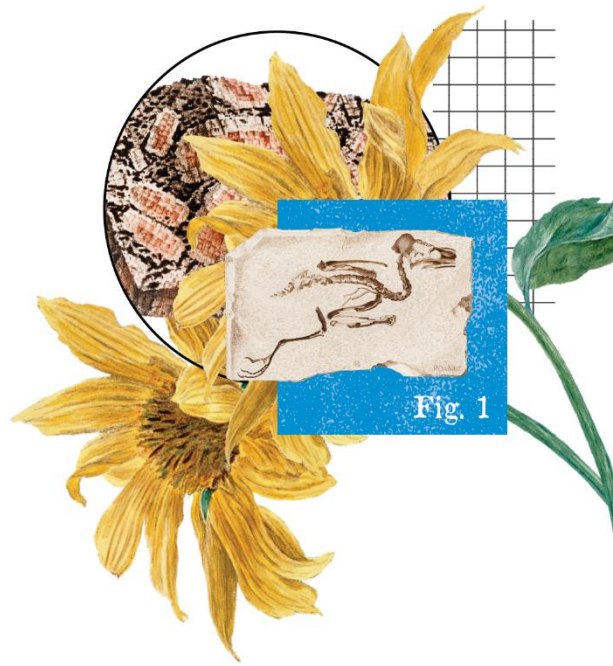
Registered Participants

HSW: 417

ESTW: 727

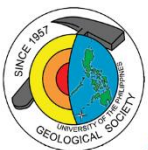
GSF: 470

Poster Making: 50



THE 9TH
NATIONAL
GEOLOGY
CONGRESS

(event details)





9TH NATIONAL GEOLOGY CONGRESS
UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2022

EARTH SCIENCE TEACHERS' WEBINAR GUIDELINES

- WEBINAR TITLE:** Drop, Cover, and Learn: Geological Hazards, Disaster Readiness, and Risk Reduction in the Philippines
- TARGET AUDIENCE:** Earth Science Teachers (Highschool level)
- REGISTRATION LINK:** <https://tinyurl.com/9thESTW>

EVENT DESCRIPTION:

ESTW is a one-day webinar that aims to: (1) equip high school teachers with supplementary knowledge to effectively teach geological hazards and Disaster Readiness, and Risk Reduction in the Philippines (DRRR) online; (2) present new strategies and tools that may help in making online science teaching more engaging; (3) impart technical knowledge on certain applications that may be relevant in teaching science topics online; and (4) facilitate a fruitful exchange of insights among the participants.

TOPICS

Geological Hazards and Examples in the Philippines

- Geological hazards in the Philippines
- How geological hazards become a disaster
- Guidelines on how to be safe from hazards
- Guidelines on the do's and don'ts before, during, and after a disaster
- Suggested teaching strategies on teaching geological hazards and disasters to high school students

Hazard Hunter and Its Uses in the Classroom

- Basics of Hazard Hunter
- How Hazard Hunter can be used for teaching geological hazards and DRRR
- How teachers can incorporate using Hazard Hunter into their activities

Fig. 2

Google Earth for Teaching Earth Science

- Basics of Google Earth
- How Google Earth can be used for teaching Earth Science
- How teachers can incorporate using Google Earth into their activities
- How Google Earth can be possibly used for teaching geological hazards



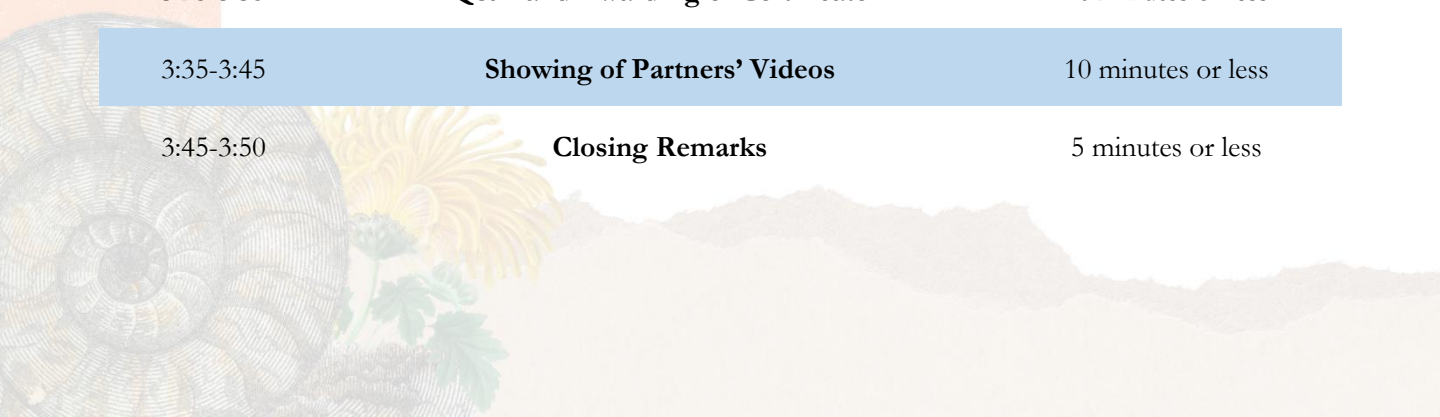
9TH NATIONAL GEOLOGY CONGRESS
UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2022

EXPECTED PROGRAM FLOW

Earth Science Teachers' Webinar

| TIME | ACTIVITY | TIME ALLOTMENT |
|-------------|--|-----------------------|
| 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: Geological Hazards and Examples in the Philippines | 30 minutes |
| 1:45-1:55 | Q&A and Awarding of Certificate | 10 minutes or less |
| 1:55-2:00 | Introduction of Speaker 2 | 5 minutes or less |
| 2:00-2:30 | Speaker 2: Hazard Hunter and Its Uses in the Classroom | 30 minutes |
| 2:30-2:40 | Q&A and Awarding of Certificate | 10 minutes or less |
| 2:40-2:50 | Break/Showing of Partners' Videos | 10 minutes or less |
| 2:50-2:55 | Introduction of Speaker 3 | 5 minutes or less |
| 2:55-3:25 | Speaker 3: Google Earth for Teaching Earth Science | 30 minutes |
| 3:25-3:35 | Q&A and Awarding of Certificate | 10 minutes or less |
| 3:35-3:45 | Showing of Partners' Videos | 10 minutes or less |
| 3:45-3:50 | Closing Remarks | 5 minutes or less |

Fig. 2





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HIGH SCHOOL STUDENTS' WEBINAR GUIDELINES

WEBINAR TITLE: Shake, Rattle & Roll: A Geolo(GIS)t Workshop on Hazard Sensing
TARGET AUDIENCE: Highschool Students
REGISTRATION LINK: <https://tinyurl.com/NGCHSW2022>

EVENT OBJECTIVES:

- Foster geoscience appreciation among students through engaging topics
- Provide an avenue for participants to gain new knowledge on geoscience from outside the classroom setting
- Spark curiosity towards the field of geology

TOPICS

Geologic Hazards

- Various geologic hazards in the Philippines
- The Philippine setting and how it affects exposures to geologic hazards
- Disaster events caused by geologic hazards
- Safety precautionary measures before, during, and after geologic hazard events

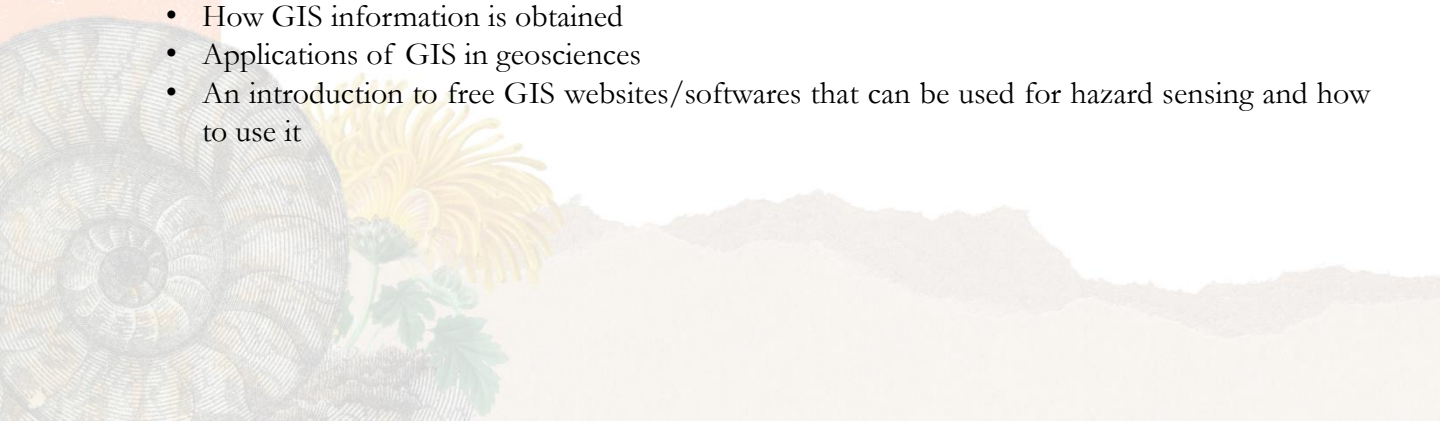
Hydrometeorological Hazards

- Various hydrometeorological hazards in the Philippines
- The Philippine setting and how it affects exposures to hydrometeorological hazards
- Disaster events caused by hydrometeorological hazards
- Safety precautionary measures before, during, and after hydrometeorological hazard events

GIS Workshop

- An introduction to GIS
- How GIS information is obtained
- Applications of GIS in geosciences
- An introduction to free GIS websites/software that can be used for hazard sensing and how to use it

Fig. 2





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EXPECTED PROGRAM FLOW
High School Students' Webinar

| TIME | ACTIVITY | TIME ALLOTMENT |
|--------------|--|-----------------------|
| 12:50 - 1:00 | Admit participants to Zoom meeting | 10 minutes or less |
| 1:00 - 1:05 | Event Introduction | 5 minutes or less |
| 1:05 - 1:10 | Welcoming Remarks | 5 minutes or less |
| 1:10 - 1:40 | Speaker 1 | 30 minutes or less |
| 1:40 - 1:55 | Q&A and Awarding of Certificate | 15 minutes or less |
| 1:55 - 2:05 | Icebreaker | 10 minutes or less |
| 2:05 - 2:35 | Speaker 2 | 30 minutes or less |
| 2:35 - 2:50 | Q&A and Awarding of Certificate | 15 minutes or less |
| 2:50 - 3:20 | Speaker 3 | 30 minutes or less |
| 3:20 - 3:35 | Q&A and Awarding of Certificate | 15 minutes or less |
| 3:35 - 3:40 | Closing Remarks | 5 minutes or less |

Fig. 2





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GEOLOGY STUDENTS' FORUM GUIDELINES

FORUM TITLE: Verging the Summit: Emerging Stronger from the Pandemic Through Geosciences

TARGET AUDIENCE: BS Geology students and students of related fields

REGISTRATION LINK: tinyurl.com/GSF2022RegForm

DESCRIPTION OF EVENT:

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

1. How is geoscience performing in the last two years? How is it still relevant?
2. What roles have geosciences played since the beginning of the pandemic?
3. Are job opportunities available in local agencies, industries, and other geoscience sectors?
4. What can we expect this year and in the upcoming years, as more industries and agencies gradually transition back to the workplace?
5. How can geosciences help in boosting our country's post-pandemic economic recovery?

TOPICS INCLUDED IN THE FORUM:

- Geohazards: Earthquakes and Tsunamis
- Geology in the Petroleum Industry
- Geology and Renewable Energy
- Geology and Machine Learning
- Hydrogeology
- Policy Developments in the Geosciences

Fig. 2





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EXPECTED PROGRAM FLOW
Geology Students' Forum

| TIME | ACTIVITY | TIME ALLOTMENT |
|-------------|-------------------------------------|--------------------------------|
| 1:00 - 1:10 | Introduction | 10 minutes or less |
| 1:10 - 1:15 | Opening Remarks | 5 minutes or less |
| 1:15 - 1:20 | Roll Call of Speakers | 5 minutes or less |
| 1:20 - 2:55 | Situationer Report | 1 hour & 35 minutes or less |
| 2:55 - 3:00 | Short Break | 5 minutes |
| 3:00 - 4:10 | Question and Answer Portion | 1 hour & 10 minutes or less |
| 4:10 - 4:20 | Presentation of Certificates | 10 minutes or less |
| 4:20 - 4:25 | Closing Remarks | 5 minutes or less |
| 4:25 - 4:30 | Adjournment | 5 minutes or less |

Fig. 2





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APRIL 2022

DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

RATIONALE:

The contest aims to promote knowledge and appreciation of basic and Philippine geology while debunking misinformation regarding the subject. It promotes the use of Philippine languages in communicating science concepts through infographics to improve understanding and appreciation among local communities.

CONTEST SITE: <https://tinyurl.com/DIWA2022>

MECHANICS AND GUIDELINES

Eligibility

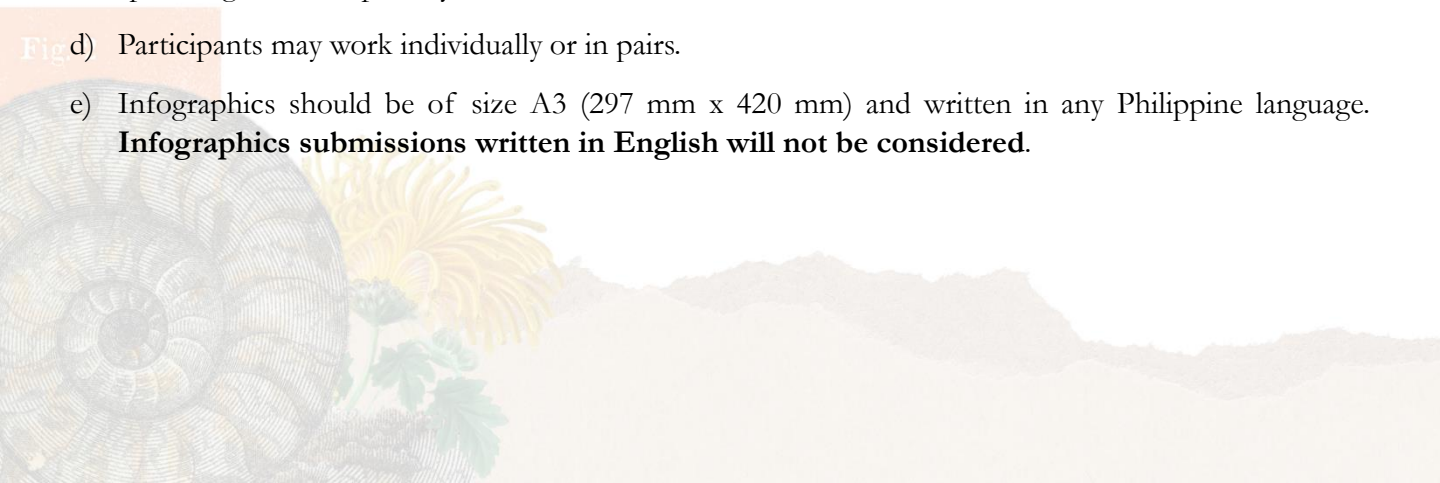
Grade 9 to 12 high school students from the Philippines are enjoined to participate.

Contest Mechanics

- a) Participants must register by filling up the online registration form to be posted on UP Geological Society's Facebook page as well as the contest website (<https://tinyurl.com/DIWA2022>). Unregistered submissions will not be accepted.
- b) Participants will create an infographic of anything related to Philippine Geology and/or basic geology concepts. If participants need to consult a topic, they may use the helpdesk available through the [contest website](#). Please be mindful of the consultation policies indicated in the site.
- c) The infographic is expected to promote appreciation of geology and enhance understanding of concepts underlying significant geologic studies, discoveries, or locations related to or found in the Philippines. It is also encouraged to debunk misinformation concerning topics in the earth sciences spreading online, especially in social media.
- 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.**

Fig 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.**





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DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

Contest Mechanics (*cont'd*)

- f) 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
- 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 15, 2022** through the Submission Bin in the [contest website](#).
- k) The submission deadline will be strictly followed. Late submissions will not be accepted.
- l) After submission, an email will be sent to confirm your submissions. Submissions are considered final and cannot be modified after.
- m) All entries along with the caption will be posted on UP GeoSoc's Facebook page: <https://www.facebook.com/upgeosoc>.

Fig. 2





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UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2022

DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

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 (65%) | Creativity and design | 20% |
| | Impact | 15% |
| TOTAL | | 100% |

Judging

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

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 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.

Contestants eliminated during the pre-judging phase are still eligible for the *Most Liked Infographics Prize*.

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



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DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

Prizes

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

- 1st Place – 5,000 Pesos and certificate of recognition
- 2nd Place – 3,500 Pesos and certificate of recognition
- 3rd Place – 2,500 Pesos and certificate of recognition
- Top 3 Most Liked Infographics – 1,500 Pesos each

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.

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
 - *Use of artificial social media boosting methods. These include but are not limited to: use of clickfarm services and paid likes on Facebook. Contestants that are suspected to have used the mentioned services will be disqualified from receiving the Most Liked Infographics Prize but are still eligible for the main prizes.*

Fig. 2





9TH NATIONAL GEOLOGY CONGRESS
UNIVERSITY OF THE PHILIPPINES GEOLOGICAL SOCIETY
APRIL 2022

DIWA CONTEST

Dignayan sa Infographics, Pagyamanin sa Wikang Atin

Key Dates

| | |
|---|-------------------|
| Deadline for Registration and Submission: | April 15, 2022 |
| Facebook Liking Period: | April 19-23, 2022 |
| Expected Release of Results: | May 6, 2022 |

Contest Site

All relevant forms, links, and resources will be compiled into a website. Please visit:

<https://tinyurl.com/DIWA2022>

You may view the following in the website:

- Registration Form
- Contest Mechanics
- Contest Timeline / Key Dates
- Contestant Resources
- Submission bin
- Helpdesk Link
- DIWA 2021 Entries
- 9th National Geology Congress Links
- Our contact information

Fig. 2

