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Republika ng Pilipinas

Kagawaran ng Edukasyon

Tanggapan ng Pangalawang Kalihim

OUA MEMO 00-1021-0217

MEMORANDUM

22 October 2021

For: **Regional Directors and BARMM Education Minister
Schools Division Superintendents
School Heads**
(Public and Private Elementary and Secondary Schools)
All Others Concerned

Subject: **CALL FOR RESEARCH PRESENTERS FOR THE
5TH NATIONAL CLIMATE CHANGE CONFERENCE**

Stewardship of biodiversity plays a crucial role in ensuring climate stability. Protecting and restoring this diversity of genes, species, and ecosystems contribute to both reducing anthropogenic emissions and aiding societal adaptation to impacts of climate change. This stability provides the best insurance against climate change and opportunities in ensuring that resources could meet the needs of present and future generations.

With this, the Department of Education (DepEd) through the Disaster Risk Reduction and Management Service (DRRMS) reaffirms its commitment in strengthening the *makakalikasan* value of learners and personnel, especially in the light of biodiversity conservation and climate change. This will be done through the celebration of the **5th National Climate Change Conference (NCCC)** with the theme *Reinforcing the Youth's Role in Stewardship of Biodiversity for Climate Stability* on 19-25 November 2021. Kindly refer to **Enclosure 1** for the concept note.

As part of learning sessions, the DRRMS will hold the **Research Hour on 23 November 2021, 3:00-5:00 p.m.**, which will be streamed live through the DepEd Philippines Facebook page.

In this regard, interested teaching and non-teaching personnel as well as learners are invited to submit their **research abstracts** via <https://bit.ly/DepEd5thNCCCResearchPresenter> **not later than 08 November 2021**. Kindly refer to **Enclosure 2** for more guidance.



Office of the Undersecretary for Administration (OUA)

[Administrative Service (AS), Information and Communications Technology Service (ICTS), Disaster Risk Reduction and Management Service (DRRMS), Bureau of Learner Support Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety Office (CSSO)]

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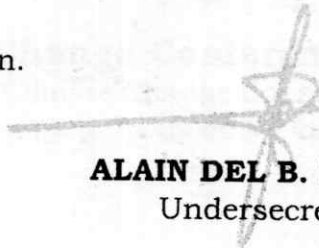


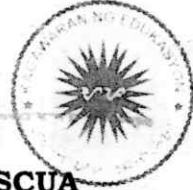
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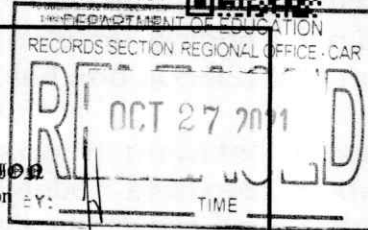
For more information, questions and concerns on this subject, please contact Ms. Angela de Guzman of the DRRMS through email at angela.deguzman001@deped.gov.ph.

For immediate and appropriate action.


ALAIN DEL B. PASCUA
Undersecretary



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Republic of the Philippines
DEPARTMENT OF EDUCATION
Cordillera Administrative Region

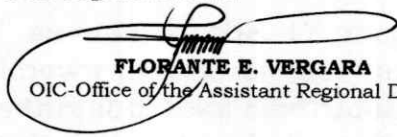
October 26, 2021

To : Schools Division Superintendents
All Division

For information, guidance, and appropriate action.

ESTELA LEON-CARIÑO, EdD, CESO III
Director IV/Regional Director

For the Regional Director:


FLORANTE E. VERGARA
OIC-Office of the Assistant Regional Director

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5th National Climate Change Conference

In celebration of the Global Warming and Climate Change Consciousness Week
Theme: *Reinforcing Youth's Role on Stewardship of Biodiversity for Climate Stability*

I. Rationale

Biodiversity is fundamental to sustaining life as it supplies critical ecosystem services such as food provisioning, water purification, flood and drought control, nutrient cycling, and climate regulation. These services are essential to support human well-being and economic growth.¹ Yet despite its significance to economy, society, health and cultural systems, biodiversity worldwide is being destroyed at an unprecedented and accelerating rate.^{2,3}

According to a recent study, climate change is projected to negatively impact 273 biodiversity-rich areas across the globe.⁴ Moreover, in the Asia-Pacific region, population of large wild mammals and birds has declined due to habitat degradation and fragmentation, and illegal trades. Invasive alien species, which is considered to be one of the most serious threats to biodiversity, has increased in number and abundance as a consequence of growing volume of international trade, transportation improvements, and cross-border migration. Additionally, human-induced drivers such as agriculture intensification and a shift to monoculture, overfishing, pollution, infrastructure development, and land use conversions, as well as indirect socioeconomic and demographic changes create further stress to biodiversity threatening its survival.^{5,6}

Philippines is considered as one of the 17 megadiverse countries worldwide. However, it is also known as one of the "hotspot areas" where biodiversity is under tremendous threat of total destruction.⁷ Recognizing the role of knowledge and capacity building in biodiversity conservation, the Department of Education (DepEd) is mandated to provide and inculcate environmental consciousness among learners and personnel.

¹ Organisation for Economic Co-operation and Development, "OECD Work on Biodiversity and Ecosystems."

² OECD, "Mainstreaming Biodiversity for Sustainable Development: Policy Highlights."

³ OECD, "Biodiversity and the Economic Response to COVID-19: Ensuring a Green and Resilient Recovery."

⁴ Manes et al., "Endemism Increases Species' Climate Change Risk in Areas of Global Biodiversity Importance."

⁵ Benn, *What Is Biodiversity?*

⁶ IPBES, *Summary for Policymakers of the Regional Assessment Report on Biodiversity and Ecosystem Services for Asia and the Pacific of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services.*

⁷ Ong, Afuang, and Rosell-Ambal, *Philippine Biodiversity Conservation Priorities: A Second Iteration of the National Biodiversity Strategy and Action Plan.*



"We, in the Department of Education, hold the responsibility to equip more learners with the appropriate learning and thinking skills that will enable them to become agents of change and advocates of Biodiversity. Grounded on our core values—*Maka-Diyos, Makatao, Makakalikasan, at Makabansa*, we remain committed to ensuring that our learners will grow into individuals who deeply care about the environment and ready to partake in its restoration," said Secretary Leonor Magtolis Briones.

This is reaffirmed by Novie Kate Arellana, a B'laan Grade 6 pupil from Ladol Elementary School, Schools Division Office of Sarangani, who said that "*dapat tayong (fellow children) magkaroon ng kamalayan sa ating kapaligiran at dapat tayong magtulungan na mapabuti ang ating kinabukasan. Hindi dapat natin iniisip na bata pa tayo, dahil hindi naman basehan ang edad sa pagiging isang responsableng mamamayan.*"

With this year's theme *Reinforcing Youth's Role on Stewardship of Biodiversity for Climate Stability*, the 5th National Climate Change Conference (NCCC) celebration aims to provide a platform to elevate discussions, strategize participatory and concrete actions that can be done to create meaningful change, and help the learners, personnel, and their families gain a deeper appreciation and awareness of the country's vast biodiversity.

The Conference will be streamed through the DepEd Philippines Facebook page, making it accessible to learners, DepEd personnel, and the public all over the country. This will focus on the role of biodiversity to climate stability; thus, we will have a virtual field trip to the Danjungan Island to be conducted by Philippine Reef and Rainforest Conservation Foundation. Further, we will feature different youth advocates, and climate change and biodiversity experts as they discuss the relation between the two topics. Finally, the Conference will provide a platform for learners to voice out their demands for climate action and feature their pro-active response to the changing climate.

The participants of the *Green Beat Initiative (TGBI): An Online Environmental Journalism Training for Campus Journalists and School Paper Advisers* and *KaLIKHAsan! Likha at Lakas ng Kabataan para sa Kalikasan: An Online Theater Production and Climate Action Training* will showcase their skills, while increasing the awareness of climate change among their fellow learners on the conference. Also, we have invited the trained environmental journalists in TGBI 2020 to feature and cover the event. Providing a platform to reinforce the role of youth in stewardship of biodiversity plays a crucial role in increasing youth participation in climate action.

II. Objectives

General Objectives:

- Strengthen awareness of the role of biodiversity in climate stability among the education stakeholders; and



- increase participation of learners and DepEd personnel in climate change adaptation and mitigation interventions.

Specific Objectives:

- discuss the link of biodiversity and climate stability;
- discuss the role of youth on stewardship of biodiversity for climate stability;
- provide a platform for showcasing innovations on climate change adaptation and mitigation; and
- facilitate discourse and collaboration among learners, industries, social entrepreneurs, academe, civil society, and other stakeholders.

III. Program/Summary of Activities

Date and Time	Activity
25 October – 18 November 2021	Regional Climate Change Caravan Each region is assigned to create a 30-to-120-minute online show focused on a specific climate change issue and solution.
19 November 2021	
9:05 a.m. -12:00 noon	Opening Ceremony (in partnership with CCC) There will be a speaker to discuss the role of biodiversity in climate stability. Afterwards, the youth panelists will discuss their initiatives on ecosystem restoration.
5:00 p.m. – 6:00 p.m.	Shareable Content: Radio Magazine Shows developed by TGBI participants
6:01 p.m. – 7:00 p.m.	Shareable Content: KaLIKHAsan Presentation 1
20 November 2021	
9:00 a.m.-12:00 noon	Learning Session 1: Ridge to Reef Virtual Fieldtrip in partnership with Philippine Reef and Rainforest Conservation Foundation
2:10 p.m. - 04:00 p.m.	Learning Session 2: Storytelling Activity or Interactive Online Activity
5:00 p.m. – 6:00 p.m.	Shareable Content: Radio Magazine Shows developed by TGBI participants
6:01 p.m. – 7:00 p.m.	Shareable Content: KaLIKHAsan Presentation 2



Date and Time	Activity
21 November 2021	
9:10 a.m. - 2:40 p.m.	Learning Session 3: Interfaith Stewardship in partnership with Living Laudato Si'. Youth from different religions and beliefs will gather to discuss their views on stewardship and the role of children and youth in ecosystem restoration.
5:00 p.m. - 6:00 p.m.	Shareable Content: Radio Magazine Shows developed by TGBI participants
6:01 p.m. - 7:00 p.m.	Shareable Content: KaLIKHAsan Presentation 3
22 November 2021	
9:00 a.m. - 11:05 a.m.	Learning Session 4: Let the Earth Be Heard! Online Completion Ceremony
4:00 p.m. - 6:00 p.m.	Learning Session 5: KaLIKHAsan! Online Completion Ceremony
6:01 p.m. - 6:10 p.m.	Shareable Content: Change the Current Human-Interest Stories
23 November 2021	
9:00 a.m. - 11:00 a.m.	Learning Session 6: Change the Current! Online Completion Ceremony
3:00 p.m. - 5:00 p.m.	Learning Session 7: Research Hour
24 November 2021	
9:00 a.m.-12:00 p.m.	Learning Session 8: Teachers as Stewards Feature project for teachers (materials and other courses developed)
2:10 p.m. - 4:00 p.m.	Learning Session 9: Schools in a Garden
5:00 p.m. - 5:10 p.m.	Shareable Content: Change the Current Human-Interest Stories
25 November 2021	
8:50 a.m.-12:00 noon	Closing Ceremony Feature messages from DepEd ExeCom Live: Stories for a Better Normal Episode 72

IV. Indicative Schedule

19 November 2021- Opening Ceremony in partnership with CCC

9:05 a.m. -12:00 noon

Time	Activity
9:00-9:04 a.m.	Housekeeping
9:05-9:15 a.m.	Philippine National Anthem Mindfulness Practice



Time	Activity
9:16-9:30 a.m.	Overview of the 5th National Climate Change Conference- Dir. Ronilda R. Co
9:31-9:35 a.m.	Break
9:36-9:45 a.m.	Welcome Message (Recorded) Sec. Leonor Magtolis Briones
9:46-10:05 a.m.	Message from CCC Sec. Emmanuel M. De Guzman
10:06-10:10 a.m.	Introduction of the Speaker
10:11-10:40 a.m.	Keynote Address <i>Reinforcing Youth's Role on Stewardship of Biodiversity for Climate Stability</i> Choices for speakers: Gab Mejia , National Geographic Photographer
10:41-10:45 a.m.	Question and Answer
10:46-11:30 a.m.	Children and Youth Address <i>-My Climate Action Story</i>
11:31-11:45 a.m.	Question and Answer
11:46-11:50 a.m.	Words of Thanks
11:51 a.m.-12:00 noon	Reminders

19 November 2021- Shareable Content:

Radio Magazine Shows developed by TGBI participants
5:00-6:00 p.m.

19 November 2021- Shareable Content:

KaLiKHAsan Presentation 1
6:01-7:00 p.m.

20 November 2021- Learning Session 1:

Ridge to Reef Virtual Fieldtrip in partnership with Philippine Reef and Rainforest Conservation Foundation
9:00 a.m. – 12:00 noon

Time	Activity
8:40-8:59 a.m.	Housekeeping
9:00-9:10 a.m.	Philippine National Anthem Mindfulness Practice
9:11-9:20 a.m.	Opening Remarks (Recorded) Usec. Alain del B. Pascua
9:21-11:50 a.m.	Learning Session 1: Ridge to Reef Virtual Fieldtrip Philippine Reef and Rainforest Conservation Foundation
11:51-11:55 a.m.	Words of Thanks
11:56 a.m.-12:00 noon	Reminders



20 November 2021– Learning Session 2:

Storytelling Activity or Interactive Online Activity in partnership with CANVAS, SCP and Komunidad X

2:10-4:00 p.m.

Time	Activity
2:00-2:09 p.m.	Housekeeping
2:10-2:20 p.m.	Opening Remarks (Recorded) Usec. Tonisito Umali
2:21-2:50 p.m.	Interview: Online Talk show of Learners interviewing experts about Climate Change The <i>I am the Change in Climate Change</i> will be given to hosts and they will be drafting the questions and propose it to the experts. <ul style="list-style-type: none"> • Director Ronilda R. Co • CCC Representative • SCP Representative • Hosts: SCP Representative and TGBI Journalist
2:51-3:00 p.m.	Break
3:01-3:40 p.m.	Interview: Youth Stewardship of Biodiversity for Climate Stability Children Interviewing Children who are doing Projects on Stewardship Hosts: SCP Representative and TGBI Journalist
3:41-3:50 p.m.	Words of Thanks
3:51-4:00 p.m.	Reminders

20 November 2021– Shareable Content:

Radio Magazine Shows developed by TGBI participants

05:00-06:00 p.m.

20 November 2021– Shareable Content:

KaLiKHAsan Presentation 2

06:01-07:00 p.m.

21 November 2021– Learning Session 3:

Interfaith Stewardship Dialogue in partnership with Living Laudato Si' Zoom Account and Livestream

09:10 a.m.-02:40 p.m.



Time	Activity
9:00-9:09 a.m.	Housekeeping
9:10-9:20 a.m.	Philippine National Anthem Mindfulness Practice Overview of the Session
9:21-9:30 a.m.	Opening Remarks (Recorded) Usec. Revsee Escobedo
9:31-9:35 a.m.	Introduction of Speaker
9:36-10:00 a.m.	Lecture on Interfaith Stewardship Fr. Jose Ramon Tizon Villarin
10:01-10:20 a.m.	Question and Answer
10:21-10:25 a.m.	Break
10:26-11:05 a.m.	Panel Discussion on Interfaith Stewardship (Adults) • Rodne Galicha of Living Laudato Si' • Protestant Speaker - TBD • Islam Speaker - TBD • Tribal Religion Speaker - TBD
11:06-11:35 a.m.	Question and Answer Portion
11:36-11:40 a.m.	Reminders
11:41 a.m.-1:00 pm	Break
1:01-1:10 p.m.	Mindfulness Practice Overview of the Session
1:11-2:00 p.m.	Panel Discussion on Interfaith Stewardship (Youth) • Roman Catholic - TBD • Protestant - TBD • Islam - TBD • Tribal Religion - TBD
02:01 – 02:30 p.m.	Question and Answer Portion
02:31 – 02:35 p.m.	Words of Thanks
02:36 – 02:40 p.m.	Reminders

21 November 2021– Shareable Content:

Radio Magazine Shows developed by TGBI participants
5:00-6:00 p.m.

21 November 2021– Shareable Content:

KaLIKHAsan Presentation 3
6:01-7:00 p.m.

22 November 2021– Learning Session 4:

Let the Earth Be Heard! Online Completion Ceremony by AYEJ
9:00-11:05 a.m.



Time	Activity
8:50-8:59 a.m.	Housekeeping
9:00-9:10 a.m.	Philippine National Anthem Mindfulness Practice
9:11-9:15 a.m.	Opening Spiels
9:16-9:20 a.m.	Introduction of Keynote Speaker
9:21-9:30 a.m.	Keynote Speech
9:31-9:35 a.m.	Highlight Videos
9:36-9:40 a.m.	Presentation of the Candidates for Completion
9:41-9:45 a.m.	Conferring of Completers
9:46-9:50 a.m.	Virtual March: Awarding of Certificates of Completion
9:51-10:00 a.m.	Awarding of Special Distinction
10:01-10:10 a.m.	Valedictory Address
10:11-10:20 a.m.	School Publication Adviser's Message of Commitment
10:21-10:25 a.m.	TGBI Alumni Pledge
10:26-10:35 a.m.	Video Greetings from Mentors and Speakers
10:36-10:45 a.m.	Video Greetings from SDS and RD
10:46-10:55 a.m.	Closing Remarks
10:56-11:00 a.m.	Symbolic Photo Op
11:01-11:05 a.m.	Closing Spiels

22 November 2021– Learning Session 5:

KaLIKHASan! Online Completion Ceremony by Komunidad X and SCP
4:00-6:00 p.m.

Time	Activity
3:40-3:59 p.m.	Housekeeping
4:00-4:10 p.m.	Philippine National Anthem Mindfulness Practice
4:11-4:15 p.m.	Opening Spiels
4:16-4:20 p.m.	Introduction of Keynote Speaker
4:21-4:35 p.m.	Keynote Speech
4:36-4:40 p.m.	Highlight Videos of Training
4:41-4:45 p.m.	Break
4:46-4:50 p.m.	Presentation of the Candidates for Completion
4:51-4:55 p.m.	Conferring of Completers
4:56-5:00 p.m.	Virtual March: Awarding of Certificates of Completion



Time	Activity
9:21-9:25 a.m.	Break -Pledges for Climate Action videos
9:26-9:40 a.m.	Messages from Regional Directors Part 2 Regions V, VI, VII, VIII, IX
9:41-11:10 a.m.	Live: Stories for a Better Normal Episode 72
11:11-11:15 a.m.	Break -Pledges for Climate Action videos
11:16-11:35 a.m.	Messages from Regional Directors Part 3 Regions X, XI, XII, CARAGA, CAR, and BARMM
11:36-11:45 a.m.	Closing Remarks Usec. Alain Del B. Pascua
11:46-11:50 a.m.	Words of Thanks
11:51 a.m.-12:00 noon	Final Reminders

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REPUBLIC OF THE PHILIPPINES
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Enclosure 2. Guide for the 5th National Climate Change Conference – Biodiversity Conservation and Climate Stability Pledge

To ensure that learners, personnel, families, communities, and other stakeholders are equipped with necessary knowledge and actively engaged in addressing biodiversity loss and climate change, the Department of Education (DepEd) through Disaster Risk Reduction and Management Service (DRRMS) is organizing an online celebration of the **5th National Climate Change Conference (NCCC)** on **19-25 November 2021** with the theme *Reinforcing the Youth's Role on Stewardship of Biodiversity for Climate Stability*.

This aims to provide a platform to elevate discussions, strategize participatory and concrete actions that can be done to create meaningful change, and help the learners, personnel, and their families gain a deeper appreciation and awareness of the country's vast biodiversity. Kindly refer to **Enclosure 1** for the concept note.

For questions or clarifications, please do not hesitate to contact the DRRMS through email at drmo+ccam@deped.gov.ph.

Pledge Template:

Hi, I'm _____, and I pledge to help in reversing biodiversity loss and climate change by _____.
Together, let's decide and act now – right now!

Message Guide

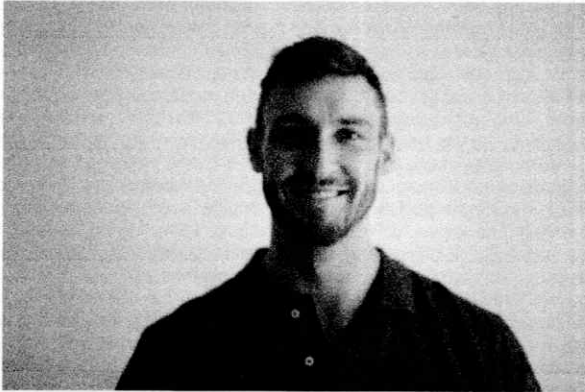
- Speak clearly at a normal pace. You may deliver your message in English, Filipino, a combination of both, or your local dialect.
- Try to keep your message within 30 seconds.

Video Guide

- Record the video preferably with your smartphone for better resolution. You may also record through your laptop, webcam device, or a digital meeting platform such as Zoom and Google Meet.
- Dress code: solid-colored top preferably contrasting the color of your background. Avoid wearing tops with busy prints.



- **Background:** Ideally a clean or not busy. Backgrounds with nature or greenery elements are also preferred.
- The camera should be at eye-level. Make sure that you are at arm's length from the camera.
- The video frame size/ratio should be 16:9. If you are using your phone to record, you can set the ratio to 16:9.
- **Sample video framing:**



- ✓ High-resolution
- ✓ Landscape orientation
- ✓ Centered medium shot/ half-body

- ✓ Proper head room/space between the top edge of the frame and the subject's head
- ✓ Look directly at the camera.

- When recording, remember to project your voice clearly and properly. Observe proper pauses.



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