



Republic of the Philippines  
**Department of Education**  
 REGION VIII - EASTERN VISAYAS

November 23, 2020

**REGIONAL MEMORANDUM**

No. **583**, s. 2020

**2020 CLIMATE SCIENCE MASTER CLASS**

To: Schools Division Superintendents  
 School Heads  
 All Others Concerned

- Attached is Memorandum OUA MEMO 00-1120-0189 dated November 17, 2020 relative to the conduct of the 2020 Climate Science Master Class on November 24, 2020.
- Each division is given ten slots composed of eight high school teachers in any subject or principals and two slots for the division office – the CID Chief and DRRM Coordinator.
- The participants shall register at <https://bit.ly/ClimateScienceMasterClass>.
- For more information, the concerned participants can refer to the attachment.
- Immediate dissemination of and compliance with this Memorandum are desired.

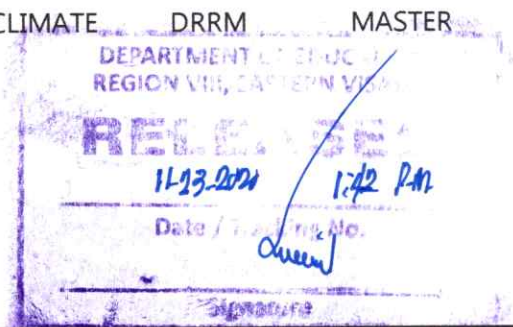
  
**RAMIR B. UYTICO EdD, CESO IV**  
 Director IV

Enclosures: As stated

References: As stated

To be indicated in the Perpetual Index under the following subjects:

CLASS CLIMATE DRRM MASTER SCIENCE  
 CLMD-RRT

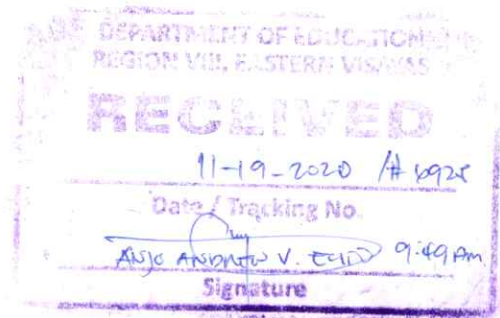




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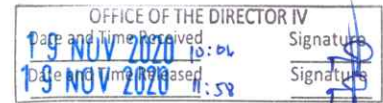


Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
Tanggapan ng Pangalawang Kalihim



**OUA MEMO 00-1120-0189**  
**MEMORANDUM**  
17 November 2020

For: **Bureau and Service Directors**  
**Regional Directors and BARMM Education Minister**  
**Schools Division Superintendents**  
**School Heads**  
**All Others Concerned**



Subject: **INVITATION TO PARTICIPATE IN THE 2020 CLIMATE SCIENCE MASTER CLASS**

Relative to OUA Memo 00-1120-0154 on the *Invitation to Participate in the 4th National Climate Change Conference and National Day of Youth For Climate Action from 19-25 November 2020*, the Department of Education (DepEd) through the Disaster Risk Reduction and Management Service (DRRMS) and the Climate Change Commission (CCC) will hold the **Climate Science Master Class for High School Teachers** on **24 November 2020, 8:30 a.m. to 4:00 p.m.** as part of the learning session of the 4<sup>th</sup> National Climate Change Consciousness Conference (NCCC) celebrated during the annual Global Warming and Climate Change Consciousness Week.

To ensure that the webinar will contain the most recent climate science, the **sessions will be delivered by members of the National Panel of Technical Experts (NPTE)** as lead technical advisory body on climate science and technology. Filipino Sign Language interpretation will be provided. The Master Class will be **streamed live** through the **DepEd Philippines Facebook Page**, making it accessible to learners, DepEd personnel, and the public all over the country. However, only those who are in the meeting room will be given a certificate.

In line with this, interested DepEd personnel are invited to register at <https://bit.ly/ClimateScienceMasterClass>. All divisions and regions are enjoined to share this memorandum to the respective teaching personnel. **Each division is given ten slots (for eight high school teachers in any subject or principals and two slots for the division office - the CID Chief and DRRM Coordinator). Each regional office is given two slots (for the CLMD Chief and the Regional DRRM Coordinator).** Interested central office personnel may also register. To ensure that all regions and divisions are represented, only the first ten personnel who will register per division will be accommodated. Should other regions and divisions not fill their slot, it shall be distributed to those who registered early.



**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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OUA memo  
11/17/20

These activities can equip DepEd teachers and non-teaching personnel with tools and knowledge to better understand the most recent climate science, and therefore enable them to effectively communicate the concepts of climate change adaptation and mitigation to their students or integrate them in their areas of work.

Attached is the indicative program and schedule of activities of the 4<sup>th</sup> NCCC including the Climate Science Master Class.

For future correspondence and queries on the above subject, kindly contact Ms. Justine Beatrice C. Apolinario, Technical Assistant II of the DRRMS, through 09273395088 or via email at [drmo+nccc@deped.gov.ph](mailto:drmo+nccc@deped.gov.ph) .

For immediate and appropriate action.

  
**ALAIN DEL B. PASCUA**  
Undersecretary



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## 4<sup>th</sup> National Climate Change Conference

in celebration of 2020 National Climate Change Consciousness Week  
 Streamed Live at the DepEd Philippines Facebook Page  
 With Filipino Sign Language Interpretation by KZ Miroy and Aimee Adiwang

### INDICATIVE PROGRAM.

#### 19 November 2020, Thursday -- Opening Ceremony

The opening ceremony will feature a keynote address from Ms. Anouchka Grose, a British-Australian psychoanalyst and author of *A Guide to Eco-Anxiety: How to Protect the Planet and Your Mental Health*. It will be followed by presentations from four learners on their inspiring and proactive climate action stories.

Time	Activity
4:00 – 4:05 p.m.	Housekeeping
4:05 – 4:15 p.m.	Philippine National Anthem Mindfulness Exercise
4:15 – 4:30 p.m.	Opening Remarks  <b>Secretary Leonor Magtolis Briones represented by Assistant Secretary Alma Ruby C. Torio</b> Assistant Secretary for Curriculum and Instruction DepEd
4:30 – 4:40 p.m.	Overview of the 4 <sup>th</sup> National Climate Change Conference  <b>Ronilda R. Co</b> Director IV DepEd DRRMS
4:40 – 4:45 p.m.	Introduction of the Speaker
4:45 – 5:15 p.m.	Keynote Address <i>Alpas: Channeling youth eco-anxiety to climate action</i>  <b>Anouchka Grose</b> British-Australian psychoanalyst and writer Author, <i>A Guide to Eco-Anxiety: How to Protect the Planet and Your Mental Health</i>
5:15 – 5:30 p.m.	Question and Answer
5:30 – 6:30 p.m.	Children and Youth Address <i>My Climate Action Story</i>  <b>Jicreyco Basilio</b> Grade 12, Kaunlaran High School, Division of Navotas City  <b>Divine Grlez C. Dugan</b> Grade 12, Sinalhan Integrated High School, Division of Sta. Rosa City  <b>Chatten Bion Abrera</b> Grade 9, Passi National High School, Division of Iloilo City

Time	Activity
	<b>Ckyr M. Leonardo</b> Grade 10, Valencia National High School, Division of Valencia City
6:30 – 7:00 p.m.	Question and Answer
7:00 – 7:05 p.m.	Words of Gratitude
7:05 – 7:15 p.m.	Reminders
Host	<b>Val Amiel Vestil</b> Executive Director Association of Young Environmental Journalists

### 20 November 2020, Friday – Streaming of 2019 Climate Action Advocacy Show

Last year, 72 learners from the division of Malabon City, Navotas City, and Pasig City co-created and performed the Climate Action Advocacy Show with the theme *A Future Threatened by Climate Change: Voices and Visions of the Youth*, at the Cultural Center of the Philippines (CCP) in Pasay City. For this year's Climate Change Consciousness Week, the recording of their live performance will be streamed, followed by a talkback with selected learners and the directors.

More information about the 2019 Climate Action Advocacy Show can be found [here](#).

Time	Activity
5:00 – 5:05 p.m.	Housekeeping
5:05 – 5:20 p.m.	Mindfulness Exercise
5:20 – 5:30 p.m.	Overview of the Session and Introduction of Panelists
5:30 – 7:00 p.m.	Streaming of 2019 Climate Action Advocacy Show
7:00 – 7:15 p.m.	Reactors  <b>Ynarenza Pauline M. Bulatao</b> Grade 12, Angeles City Science High School, Division of Angeles City  <b>Lalaine Mary Grace A. Conejos</b> Grade 12, Sa.m.ar National School, Division of Sa.m.ar  <b>May May B. Gallangi</b> Grade 10, Balligui High School, Division of Quirino
7:15 – 7:45 p.m.	Talkback with Selected Learners and Directors  <b>Faith Emerald P. Alvaro</b> Grade 11, Malabon National High School, Division of Malabon City  <b>John Dannel Gulgencio</b> Grade 11, Malabon National High School, Division of Malabon City  <b>Danielle Padilla*</b> College Student, Navotas Polytechnic College  <b>Cheska Zulueta</b> Grade 11, Rizal High School, Division of Pasig City  <b>Erwin N. Malabag</b> Grade 11, Malabon National High School, Division of Malabon City  <b>Joseph Keith Anicoche</b> Director Future Living Museum

	<b>Abner Delina Jr.</b> Director, Climate Changers <b>Karl Alexis C. Jingco</b> Director, Dear Philippines
7:45 – 7:55 p.m.	Orientation on the Creative Sourcebook
7:55 – 7:58 p.m.	Words of Gratitude
7:58 – 8:00 p.m.	Reminders
Host	<b>Laralyn Batlica*</b> Grade 11, San Jose Academy, Division of Navotas City

*\*Students of Kaunlaran High School, Division of Navotas City at the time of the performance*

### **21 November 2020, Saturday – The Green Beat Initiative Virtual Completion Ceremony with the Association of Young Environmental Journalists (AYEJ)**

For 6 weeks, a total of 100 campus journalists and school publication advisers participated in the *Green Beat Initiative: An Online Environmental Journalism Training* where young writers and their advisers were equipped with the necessary skills, knowledge, and expertise in writing and reporting stories on climate change and environmental issues.

<b>Title</b>	<b>Activity</b>
1:00 – 1:10 p.m.	Preliminaries
1:10 – 1:20 p.m.	Welcoming Remarks  <b>Ronilda R. Co</b> Director, DepEd-DRRMS
1:20 – 1:25 p.m.	The TGBI Throwback (AVP Presentation)
1:25 – 1:28 p.m.	Introduction of Keynote Speaker
1:28 – 1:40 p.m.	Keynote Speech Making my Mark as a Young Environmental Journalist  <b>Keith Anthony Fabro</b> Environmental Journalist
1:40 – 1:45 p.m.	Intermission
1:45 – 1:48 p.m.	Presentation of the Candidates for Completion
1:48 – 1:50 p.m.	Conferring of Completers
1:50 – 2:00 p.m.	Virtual March: Awarding of Certificates of Completion
2:00 – 2:05 p.m.	Awarding of Special Distinction
2:05 – 2:15 p.m.	Valedictory Address
2:15 – 2:25 p.m.	Icebreaker and Intermission Number
2:25 – 2:30 p.m.	School Publication Adviser's Message of Commitment
2:30 – 2:35 p.m.	TGBI Alumni Pledge
2:35 – 2:45 p.m.	Video Greetings from Mentors and Speakers
2:45 – 2:55 p.m.	Parting Wisdom  <b>Ryan Louie Madrid</b> President, AYEJ Inc.
2:55 – 3:00 p.m.	Closing Remarks and Ways Forward  <b>Ronilda R. Co</b> Director, DepEd-DRRMS
3:00 – 3:10 p.m.	Closing



**21 November 2020, Saturday – Battle of the Brain Corals with Save Philippine Seas (SPS) and Philippine Reef & Rainforest Conservation Foundation, Inc. (PRRCFI)**

Battle of the Brain Corals – Climate Change Edition is an online quiz show on climate change that will be participated by selected high school learners. They will answer questions on the Earth’s subsystems, climate science, climate change mitigation and adaptation, and interconnectedness of climate change and wildlife.

<b>Title</b>	<b>Activity</b>
5:30 – 5:35 p.m.	Housekeeping
5:35 – 5:55 p.m.	Overview of the Battle of the Brain Corals Introduction of Learners Introduction of Judges
5:55 – 6:30 p.m.	Battle of the Brain Corals
6:30 – 6:40 p.m.	Awarding of the Winners
6:40 – 6:45 p.m.	Words of Gratitude
6:45 – 7:00 p.m.	Reminders
Host	<b>Anna Oposa</b> Executive Director Save Philippine Seas  <b>Dave Albao</b> Executive Director Philippine Reef & Rainforest Conservation Foundation, Inc.

**23 November 2020, Monday – Handa Isip, Handa Bukas Press Briefing (Tentative)**

The Department reaffirms its commitment on climate change education and action through the inclusion of the said topic in the regular press briefing of the Secretary. Learn more about the initiatives and plans of the Department by watching the press briefing.

*Program TBD*

**24 November 2020, Tuesday – Climate Science Master Class for Secondary School Teachers with the Climate Change Commission (CCC)**

The Climate Science Master Class for Secondary School Teachers will feature lectures and discussion by the National Panel of Technical Experts. Attendees will also be oriented on the knowledge materials that DepEd DRRMS and its partners are developing to help teachers effectively unpack learning competencies on climate change and promote climate action.

<b>Title</b>	<b>Activity</b>
8:30 - 8:35 a.m.	Housekeeping
8:35 - 8:45 a.m.	Mindfulness Exercise
8:45 - 9:00 a.m.	Opening Remarks  <b>Carlos Dominguez III</b> Secretary Department of Finance  <b>Leonor Magtolis Briones</b> Secretary Department of Education

9:00 - 9:15 a.m.	<p>Overview of the Climate Science Master Class for Secondary School Teachers</p> <p><b>Jerome E. Ilagan</b> Chief, Policy Research and Development Division, Climate Change Commission</p>
9:15 - 9:30 a.m.	<p>Entry Points of Climate Change Education in Junior and Senior High School</p> <p><b>Jocelyn D.R. Andaya</b> Director IV DepEd Bureau of Curriculum Development</p>
9:30 - 10:00 a.m.	<p>Lecture 1: Climate System and its Changes</p> <p><b>Dr. Leoncio Amadore</b> Member, National Panel of Technical Experts</p>
10:00 - 10:30 a.m.	<p>Lecture 2: Impacts of Climate Change in the Philippines</p> <p><b>Dr. Laura David</b> Member, National Panel of Technical Experts</p>
10:30 - 10:45 a.m.	<p>Lecture 3: Climate Change Mitigation</p> <p><b>Mr. Leandro Buendia</b> Member, National Panel of Technical Experts</p>
10:45 - 11:00 a.m.	<p>Lecture 4: Climate Change Adaptation and Health Nexus</p> <p><b>Dr. Glen Paraso (TBC)</b> Member, National Panel of Technical Experts</p>
11:00 - 11:30 a.m.	<p>Question and Answer</p>
11:30 - 11:45 a.m.	<p>Reminders</p>
11:45 a.m. - 1:00 p.m.	<p>Break</p>
1:00 - 1:10 p.m.	<p>Mindfulness Exercise</p>
1:10 - 1:40 p.m.	<p>Lecture 5: Climate Change Education (Applying Intergenerational Responsibility Doctrine)</p> <p><b>Fr. Jose Ramon Villarin</b> Member, National Panel of Technical Experts</p>
1:40 - 1:55 p.m.	<p>Orientation on References Being Developed by DepEd DRRMS in partnership with CCC</p> <p><b>Ronilda R. Co</b> Director IV DepEd DRRMS</p>
1:55 - 2:10 p.m.	<p>Orientation on the Teaching Climate Change Handbook</p> <p><b>Rodne Galicha</b> Executive Director Climate Action for Sustainability Initiative (KASALI)</p>

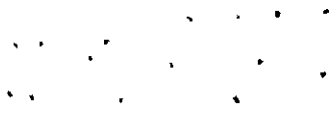


2:10 - 2:25 p.m.	Orientation on the Biodiversity Toolkit  <b>Cynthia Layusa</b> President Biodiversity Conservation Society of the Philippines (BCSP)
2:25 - 2:55 p.m.	Question and Answer
2:55 - 3:10 p.m.	Words of Gratitude  <b>Emanuel M. De Guzman</b> Vice Chairperson and Executive Director Climate Change Commission
3:10 - 3:30 p.m.	Reminders

### 25 November 2020, Wednesday – Closing Ceremony

The closing ceremony shall feature key DepEd projects on climate change adaptation and mitigation such as the School Waste Management, *Gulayan sa Paaralan*, Tree-Caring and Growing in the New Normal. It will also feature the experience of learners as they study in a sustainable and eco-friendly school and lead climate action initiatives. Lastly, an overview of accomplishments and plans for climate change education and action will be given.

Title	Activity
8:30 – 8:35 a.m.	Housekeeping
8:35 – 8:45 a.m.	Grounding Exercise
8:45 – 8:55 a.m.	Overview of the Session
8:55 – 9:10 a.m.	Session 1: SWM, GPP, Tree-Caring and Growing in the New Normal  <b>Adolf A. Aguilar</b> Chief Bureau of Learner Support Services Youth Formation Division (BLSS – YFD)
9:10 – 9:55 a.m.	Session 2: Student Panel  <b>Rendell Aaron T. Lateo</b> Grade 12, Malabon National High School, Division of Malabon City  <b>Emerry Faith Q. Bonagua</b> Grade 12, Santiago City National High School, Division of Santiago City
9:55 – 10:10 a.m.	Session 3: Climate Change Education: Where We've Been and Where We're Going  <b>Ronilda R. Co</b> Director IV DepEd DRRMS
10:10 – 10:30 a.m.	Question and Answer
10:30 – 10:40 a.m.	Closing Remarks  <b>Alain del B. Pascua</b> Undersecretary for Administration DepEd
10:40 – 10:50 a.m.	Word of Thanks
10:50 – 11:00 a.m.	Final Reminders



Host	<b>Vergel Manalo</b> Grade 11, Rizal High School, Division of Pasig City
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