



PERÚ

Ministerio
del Ambiente

“Decenio de la Igualdad de Oportunidades para mujeres y hombres”
“Año del Bicentenario del Perú: 200 años de Independencia”

SUBMISSION BY PERU

Subject: Submission on the 4th Earth Information Day

1. Summary Note

Peru strongly appreciates the work done in closing knowledge gaps, advancing in research and observational systems, and disseminating climate information generated by many organizations. Therefore, the Peruvian government appreciates the organization of the Earth Information Day (EID) 2021 event under the SBSTA, and the opportunity to submit its views on possible themes for this and future events, recognizing the importance of promoting the exchange of usable and accessible scientific information and all relevant knowledge for policy in order to increase ambition under the Paris Agreement.

2. Views on possible themes for the Earth Information Day in 2021

Based on the general themes proposed on the EID 2020, Peru proposes to address the following sub-themes at the EID 2021:

- A. Theme 1. Updates on the state of the global climate and its observation
 - Impact of black carbon on glaciers.
 - Current impacts of human activities on tropical glaciers and mountain ecosystems.
 - Impacts of El Niño in the Humboldt current system under climate change scenarios.
 - Impacts of climate change in the Amazon region
 - Status of global tropical glaciers

- B. Theme 2. Recent advances in Earth observation technology and data processing to support decision making
 - Tools that are been used to understand the climate system.
 - Gaps in the availability of climate data, processing tools, number of researchers and scientific production between the global South and North.
 - Contributions and feedback between scientific and ancestral knowledge.
 - Inter-institutional management in monitoring and surveillance of El Niño for decision-making: ENFEN, the Peruvian experience.
 - Advances in regional climate modelling and evaluation of uncertainties.

Likewise, Peru has also considered important the possibility to include a poster session to foster the exchange of views between climate-scientists, Parties, and Observers during the EID 2021. In that regard, Peru would highly appreciate to take into consideration the following scientific production of its technical bodies in relation to climate change research.

1. [South Eastern Pacific Circulation from ARGO floats \(SEPICAF\) Project](#)
2. [Dynamical downscaling for regional scenarios over Peru to 2050](#)
3. [Oceanic extreme events associated to climate change off Peru](#)
4. [Inventory of tropical glaciers and glacial lagoons](#)