



## SPECIAL SESSION DESCRIPTION FORM 2.

### 10<sup>TH</sup> WORLD WATER FORUM

**This Session Description 2 is for the specified program of the Special Session. Please complete this form no later than 22nd of April 2024.**

*\*The session description 1 (online form) is separately requested for the session coordinators to deliver a concise session outline with the contact info and the logistical requests.*

#### **Session Code and Title:**

SS9: Establishing Cooperation for Center of Excellence for Water and Climate Resilience

#### **Special Session Coordinators (Name, Position, Organization, email, mobile number):**

##### **Session coordinator and moderator:**

Ardhasena Sopaheluwakan

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#### **Session Description including objectives and expected outcomes (500 words maximum):**

Climate change has profound impacts on our planet, particularly through water-related phenomena such as floods, droughts, and ocean acidification. These challenges have dominated discussions for decades, highlighting the urgent need for comprehensive and adaptive strategies to mitigate their effects. The Earth's average surface temperature has increased by approximately 1.45°C since the pre-industrial era, a figure alarmingly close to the 1.5°C warming limit set by the 2015 Paris Agreement. This rapid warming poses significant threats not only to environmental sustainability but also to global economic stability and social structures.

In response to these challenges, the proposed Center of Excellence for Water and Climate Resilience (CoE) seeks to forge a new path in addressing both the environmental and socio-economic dimensions of climate change. The CoE aims to integrate these aspects into resilient strategies that safeguard against and adapt to climate impacts. As an archipelagic nation with over 17,000 islands, Indonesia stands at the forefront of facing these environmental and climate challenges. Hosting the CoE in Indonesia leverages its unique position to study and combat a wide array of climate-related phenomena, offering invaluable insights and solutions that can be applied globally.

For the CoE to achieve its full potential, it must operate in a networked environment where collaboration and partnership are paramount. This involves engaging a wide range of stakeholders from government, the private sector, and academia. Such partnerships are essential to harnessing a diverse pool of resources, expertise, and technology necessary for the CoE to effectively address the multifaceted aspects of water and climate resilience. By fostering these collaborative relationships, the CoE can drive innovation, enhance capacity building, and implement effective solutions to climate and water challenges that are both sustainable and inclusive.

##### **Objectives**

1. Provide a platform for sharing existing practices and innovations in water and climate resilience from both Indonesian and international perspectives;
2. Engage various stakeholders including government representatives, private sector experts, academics, and civil society members to gather diverse insights and ideas on the operational and strategic frameworks of the CoE;
3. Discuss potential collaborations and support mechanisms from international organizations and development banks to enhance the CoE's capabilities and reach;
4. Determine the roles and contributions of different stakeholders within the CoE's structure, emphasizing the importance of an integrated approach to water and climate resilience;
5. Highlight the role of youth in shaping the future of water and climate resilience, ensuring that their innovative ideas and energetic perspectives are incorporated into the CoE's activities;

6. Explore sustainable financial models and support strategies from international financial institutions to ensure the CoE's long-term viability and impact.

#### Expected Outcomes

1. Achieve a comprehensive collection of expert insights and recommendations on the best practices and strategic approaches for the CoE's establishment and operation;
2. Develop clear frameworks for collaboration that include roles, responsibilities, and contributions of diverse stakeholders, ensuring effective integration and synergy in the CoE's activities;
3. Identify and formalize partnerships with key international and local organizations to enhance the resource base and operational efficacy of the CoE;
4. Outline a definitive governance and organizational structure for the CoE, including the formation of working groups and the operational roles of the secretariat and other key bodies;
5. Formulate a strategic plan to involve youth in the ongoing activities of the CoE, emphasizing their role in innovative solutions and future resilience initiatives;
6. Define potential financial models and partnerships with funding bodies like international banks and development agencies to ensure the CoE's long-term sustainability and impact.

#### Detailed Session plan :

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
8 min	Overview on the establishment of CoE from Indonesian perspective	Ms. Dwikorita Karnawati (BMKG)	OK
6 min	Overview on existing modalities for capacity development in meteorology	Ms. Nelly Florida Riama (BMKG)	OK
6 min	Overview on existing modalities for capacity development in hydrology	Mr. Bob Arthur Lombogia (MPWH)	TBC
25 min	Panel discussion on international synergy and support: - Insights from invited international partners - Discussions on international support and collaborations	JICA Deltares WMO ICHARM World Bank ADB PT MOYA	TBC
35 min	Breakout groups by Working Groups - Participants divide into WGs to define focal points and discuss specific roles and activities - WGs include Urgent Call to Save Our Lake, IWRM on Small Islands, Youth Engagement, Water Resources Endowment Fund, and other potential WGs	Coordinated by each WG focal point	
10 min	Session wrap-up by brief reports from the WG discussion	WG Rapporteurs	

#### Additional information:

Additional roles such as MC, moderator, and rapporteurs