

# Advancing Scientific Tools and Synergies for Climate Change Risk Assessment in the Asia-Pacific

11 December 2023  
4:30pm - 5:45pm (UAE time)

- Hosts National Institute for Environmental Strategies (NIES)  
Ministry of the Environment, Japan (MOEJ)  
Institute for Global Environmental Studies (IGES)  
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
- Venue Japan Pavilion, Expo City Dubai, United Arab Emirates
- Zoom [https://us02web.zoom.us/webinar/register/WN\\_GOV2rwxYRLe5994IQz3\\_7A](https://us02web.zoom.us/webinar/register/WN_GOV2rwxYRLe5994IQz3_7A)

## 1. Objective

We will engage in discussions regarding scientific tools and synergies aimed at enhancing climate change adaptation efforts. The platform AP-PLAT, managed by the Center for Climate Change Adaptation (CCCA) at the National Institute for Environmental Studies (NIES), provides ClimoCast, a tool for visualizing future climate change projection. The Risk and Resilience Portal, operated by the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), aids in comprehending and assessing the escalating cascade of risks exacerbated by climate change. We will demonstrate the use of these tools to collect data for climate change impact assessments customized to the countries and regions of the participants. Discussions will provide an opportunity to share findings and receive feedback from international organizations and national administrators involved in adaptation planning, deepening their understanding of these scientific tools. By introducing state-of-the-art scientific tools and data and facilitating discussions with potential users at COP28, our seminar is dedicated to strengthening the decision-making process on climate change through the utilization of scientific insights.

## 2. Agenda

Moderator: Dr Yuki Yoshida, Researcher, CCCA, NIES

4:30 – 4:35pm	<b>Opening remarks</b> <b>Ms. Ayuko Kobayakawa</b> Director for International Climate Change Adaptation Planning, Climate Change Adaptation Office Global Environment Bureau, Ministry of the Environment, Japan <b>Context Setting</b> <b>Dr. Yuji Masutomi</b> , Section Head, CCCA, NIES
4:35 – 4:50pm	<b>Scientific tools on climate projection: ClimoCast</b> <b>Dr. Yuji Masutomi</b> , Section Head, CCCA, NIES <i>Demonstration of ClimoCast, a tool for visualizing future climate change projection at the state and local levels.</i>
4:50–	<b>Scientific tools on risk assessment: Risk and Resilience Portal in the Asia-Pacific</b>

5:05pm	<p><b>region</b></p> <p><b>Mr. Daisuke Maruichi</b>, Economic Affairs Officer, Disaster Risk Reduction Section, ESCAP</p> <p><i>Demonstration of the Risk and Resilience Portal, which assists assessments of the escalating cascade of risks exacerbated by climate change.</i></p>
5:05– 5:40pm	<p><b>Panel discussion with audience</b></p> <p>Moderator: <b>Dr Yuki Yoshida</b></p> <p>Panelists:</p> <p><b>Mr. Ahmed Rasheed</b> Director Meteorology, Public Weather Service, Maldives Meteorological Service</p> <p><b>Dr. Hanna Cho</b> Senior Research Fellow, Korea Adaptation Center for Climate Change (KACCC), Korea Environment Institute (KEI)</p> <p><b>Mr. Karma,</b> Chief, Cryosphere Services Division, National Centre for Hydrology and Meteorology, Bhutan</p> <p><b>Dr. Noelle O’Brien</b> Director of Climate Change, Climate Change and Sustainable Development Department (CCSD), Asian Development Bank (ADB)</p> <p><b>Dr. Ofa Kaisamy</b> Manager, Pacific Climate Change Centre (PCCC)</p> <p><i>Panelists will discuss:</i></p> <ol style="list-style-type: none"> <li>1. <i>Gaps and needs in existing scientific tools and synergies</i></li> <li>2. <i>Next steps for further advancement</i></li> </ol> <p><i>We will open the floor to questions and comments from the audience.</i></p>
5:40- 5:45pm	<p><b>Concluding remarks</b></p> <p><b>Dr. Sanjay Srivastava</b>, Chief, Disaster Risk Reduction Section, ESCAP</p>

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