

COP30  
**BRASIL**  
AMAZÔNIA  
BELÉM 2025

# ADAPTATION METRICS: ADVANCING THE MEASUREMENT OF CLIMATE RESILIENCE

WEDNESDAY, NOVEMBER 12, 2025 | 17:15–18:45 (BELÉM TIME)

IPCC/WMO/MERI Pavilion (Science for Climate Action Pavillion)



## BACKGROUND

Since the adoption of the Paris Agreement, there has been growing recognition of the need for adaptation actions to be measurable, verifiable, and comparable across contexts. While significant progress has been made in developing standardized metrics for mitigation (e.g., greenhouse gas accounting), adaptation is still struggling to build consistent and actionable frameworks for measurement and evaluation.

The **International Platform on Adaptation Metrics (IPAM)** was established to address this gap by convening experts from diverse regions to develop methodological guidance, tools, and recommendations. It brings together key experts from multiple continents, disciplines and professional backgrounds. Nine of these experts were also selected as part of the UAE-Belém program to support the definition of indicators for the Global Goal on Adaptation. Bringing together this hands-on experience and an exhaustive review of the state of the art on metrics framework tools and case studies, IPAM has been preparing an outlook on the main challenges, opportunities and potential paths ahead for introducing adaptation metrics for global goals. These findings have been compiled in a preliminary document which was discussed with a global expert audience during an international conference held by the AAA Initiative acting as secretariat of IPAM in September 2025 in Rabat, Morocco.

Building on this work, this COP30 event aims to deepen dialogue among stakeholders to advance towards a global architecture for adaptation metrics that is both scientifically robust and practically relevant for national and local implementation. In addition, a **policy paper** has been developed for this event, summarizing the key findings and offering concrete recommendations for moving forward.

## RATIONALE & OBJECTIVE

**1**

Examine the role of adaptation metrics in advancing global climate goals and the Global Goal on Adaptation (GGA), and the current status of the discussion on the matter. Explore opportunities and challenges for adaptation metrics, including cross-scale (local–national–global) cross-sector (water, agriculture, health, infrastructure) interactions, as well as opportunities to deploy emerging technologies and approaches, capacity gaps, institutional needs, and data challenges for effective implementation of metrics.

**2**

Map and analyze good practices and country experiences as well as avenues towards a global architecture for adaptation metrics, and strategies to strengthen partnerships among governments, international organizations, academia, civil society, and the private sector to co-develop and implement adaptation measurement systems.

## EXPECTED PARTICIPANTS

- **Representatives from multilateral agencies and climate finance institutions**
- **National adaptation focal points and policymakers**
- **Academics and researchers**
- **NGOs, adaptation initiatives, and civil society actors**
- **International cooperation agencies and UN organizations**

## SPEAKERS

INSTITUTION	SPEAKER
Intergovernmental Panel on Climate Change (IPCC) Secretary	Abdalah Mokssit
World Bank Chief Climate Economist	Stephane Hallegatte
University of Chile, Center for Climate and Resilience Research (CR2) and Race to Resilience Technical Secretariat / IPCC AR7 author	Marco Billi
Center For Climate and Resilience Research (CR2) and Race to Resilience Technical Secretariat	Laura Ramajo
AAA Initiative acting as secretariat of International Platform on Adaptation Metrics (IPAM)	Karim Anegay
International Institute for Sustainable Development (IISD), RtR Methodological Advisory Group, and IPCC AR7 author	Emilie Beauchamp
AAA Initiative	Riad Balaghi
YAPU Solutions/Scale4Resilience (Race to Resilience Partner)	Christoph Jungfleisch
Food and Agriculture Organization of the United Nations (FAO)	Julia Wolff
Deltares and IPCC WG II Technical Support Unit	Andrew Okem
Stockholm Environment Institute's Asia Centre & Adaptation Research Alliance (ARA)	Albert Salamanca

# DETAILED PROGRAM

(moderators: Marco Billi and Laura Ramajo)

Time	Description	Moderator/Speaker
17:15	Opening	Marco Billi
17:16	Welcome	Abdalah Mokssit
17:20	Event and Panelists introduction	Marco Billi
17:25	Opening Remarks	Emilie Beauchamp
17:30	Presentation of the International Platform on Adaptation Metrics (IPAM)	Karim Anegay
17:35	<p><b>IPAM Policy Paper Launch</b></p> <p>"Accelerating Global Climate Resilience through Robust Adaptation Metrics"</p>	IPAM report authors
17:45	<p><b>Moderated Panel</b></p> <ul style="list-style-type: none"> <li>• Stephane Hallegatte</li> <li>• Laura Ramajo</li> <li>• Christoph Jungfleisch</li> <li>• Andrew Okem</li> <li>• Julia Wolff</li> <li>• Albert Salamanca</li> </ul>	Marco Billi
18:25	Q&A	Everyone
18:35	Final Remarks	Riad Balaghi
18:45	Closing	Marco Billi

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