



27th May 2021: Challenges of Adaptation Metrics: IPAM's Proposed Framework

16:30 – 18:30 IST | 13:00 – 15:00 CET | 07:00 – 09:00 EST

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Assessing global adaptation progress ideally requires frameworks and metrics that are applicable across countries and sectors, and over time. Unlike mitigation (which can be measured in terms of greenhouse gases reduction), there is no simple, unique and universal adaptation metric that can quantify adaptation results holistically. This is not surprising given the complexity and ambiguity of adaptation processes, and the context-specific particularities and needs across regions and sectors (agriculture, water, energy, etc.) and governmental levels (city, regions, nations...). As a result there is no consensus on what adaptation metrics should look like and how they should be used.

IPAM's main objective is to facilitate the co-design of metrics through exchange and innovation, and take into account the need for aggregation and comparison. Towards that objective, IPAM has proposed a work programme (AMME – Adaptation Metrics Mapping and Evaluation) to direct understanding of adaptation metrics in an arena where needs on the ground should drive policy recommendations, sectoral strategies, fundraising and allocation of funds and scientific advancements.

This webinar will present the principles on which the framework will be developed, under which user/committee-led projects related to sectoral, transversal or technical approaches are mapped and evaluated. Various adaptation experts will discuss the framework concept before it will be examined on a sectoral basis in break-out sessions.

The '*Challenges on Adaptation Metrics: IPAM's proposed framework*' webinar is part of the *WASP Science Policy Brief* series convened to support researchers, policymakers and practitioners to further their knowledge and capacity and underpin effective adaptation to climate change.



TENTATIVE AGENDA

<p>16:30 –16:45 IST 13:00-13:15 CET</p>	<p><u>Welcome Remarks & Housekeeping Announcements</u></p> <ul style="list-style-type: none"> Adaptation Futures 2020 Secretariat. <p><u>Keynote Address</u></p> <ul style="list-style-type: none"> Mohamed Ait Kadi, <i>AAA Initiative Scientific Committee chair, President of the General Council on Agriculture Development</i>
<p>16:45-16:50 IST 13:15- 13:20 CET</p>	<p><u>Introduction to IPAM and Opening Remarks</u></p> <ul style="list-style-type: none"> Karim Anegay, <i>IPAM Secretariat/ AAA Initiative Foundation</i>
<p>16:50-17:10 IST 13:20-13:40 CET</p>	<p><u>AMME: A Framework for Mapping and Evaluating Adaptation Metrics</u></p> <ul style="list-style-type: none"> Why: Karl Schultz, <i>IPAM Chair, Founder-The Higher Ground Foundation</i> How: Paul Forte, <i>The Higher Ground Foundation</i>
<p>17:10-17:40 IST 13:40-14:10 CET</p>	<p><u>Panel Discussion</u></p> <ul style="list-style-type: none"> Moderator: Anand Patwardhan, <i>Professor-University of Maryland, Co-chair-WASP Science Committee</i> <p>Discussants:</p> <ul style="list-style-type: none"> Jean-Pierre Elong Mbassi, <i>UCLG-Africa Secretary General</i> Andreea Nowak, <i>CGIAR</i> Aditya Bahadur, <i>IIED, ARA core development team</i> Snigdha Garg, <i>Adaptation Research- C40 Cities</i>
<p>17:40:18:10 IST 14:10-14:40 CET</p>	<p><u>Break Out Sessions</u></p> <p><i>To be led by IPAM committee chairs;</i></p> <ul style="list-style-type: none"> Riad Balaghi, <i>IPAM Agriculture, AAA Initiative Foundation</i> Marta Olazabal, <i>IPAM Cities, Basque Centre for Climate Change (BC3)</i> Driss Ouazar, <i>IPAM Water, African Scientific Research and Innovation Council</i> Karl Schultz, <i>IPAM Tools & Techniques, The Higher Ground Foundation</i>
<p>18:10-18:20 IST 14:40-14:50 CET</p>	<p>Reporting from the break-out sessions.</p>



18:20-18:30 IST 14:50-15:00 CET	<p><u>Summing Up and the Way Forward</u></p> <ul style="list-style-type: none"> • Karl Schultz, <i>IPAM Chair</i>
	<p><u>Vote of Thanks</u> Adaptation Futures Secretariat</p>

Speaker Bios

Dr. Mohamed Ait Kadi, President of the General Council of Agricultural Development

Mohammed Ait Kadi is president of the GCAD, a high-level policy think-tank of the Moroccan Ministry of Agriculture, of which he was a Secretary General. He also chairs the Scientific Committee of the Adaptation of African Agriculture Initiative (AAA). He is a resident member of Academy Hassan II of Science and Technology, a member of the Academy of Agriculture of France, a member of Oslo's International Academy of Water and a member of the International Advisory Council of the Board of Trustees and the Board of Advisors of the World Agricultural Forum. He was chair of the Technical Committee of the Global Water Partnership and is honorary vice-president of the International Commission on Irrigation and Drainage.

Karim Anegay, IPAM Secretariat, AAA Initiative Foundation

Karim Anegay has more than 20 years of diverse field experience as a zoologist/ecologist (mangrove crab diversity in Venezuela, fisherfolks livelihood in the Philippines, houbara bustard reintroduction in Saudi Arabia, in Morocco: alternative cultures to cannabis, setting up Khenifiss National Park, valorization of cactus and oasis land products...), He served as a coordinator for the Scientific Committee of CoP22 in 2016-2017, and organized since then four international events (3 conferences and 1 workshop) in Morocco dedicated to Adaptation Metrics, on behalf of COP22 and GiZ. He has now joined the AAA Initiative Foundation as a coordinator of IPAM secretariat.

Karl Schultz, IPAM Chair and Chair of IPAM Techniques and Tools Committee.

Karl is creator of the climate "Vulnerability Reduction Credit" (VRC™) instrument and Executive Chairman of The Higher Ground Foundation, a founding member of IPAM. Mr. Schultz' work focuses on adaptation economics, incentives and behavioural economics for adaptation, foresight and decision science, next generation technologies, measurement approaches and standards as they apply to adaptation and adaptation finance. His career has focussed on climate and development, for the U.S. Environmental Protection Agency, and as a consultant to a variety of clients around the world, and as an entrepreneur to form and manage a wide range of climate mitigation and adaptation enterprises.



Dr Paul Forte, The Higher Ground Foundation

Dr Paul Forte's main expertise is in the development and application of whole system perspectives and methodologies; primarily in health care, where his work has included performance and resource monitoring and evaluation. His interests further include climate adaptation systems understanding and metrics.

He has extensive research, teaching and consultancy experience including the field of 'Futures Literacy' on which Paul leads for the Higher Ground Foundation. He holds academic positions at the London School of Hygiene & Tropical Medicine, and with the School of Management, University of Bath.

Dr Anand Patwardhan, Professor, University of Maryland and Co Chair- Science Committee (WASP)

Anand Patwardhan is Professor in the School of Public Policy at the University of Maryland, College Park. He was earlier a Professor at the Indian Institute of Technology, Bombay. Anand's research focuses on mitigation and adaptation responses to climate change, and the assessment of vulnerability and adaptation, as well as broader issues of science, technology and innovation policy. He has been a coordinating lead author for the IPCC, and a member of the Scientific and Technical Advisory Panel of the Global Environmental Facility. He currently serves as the Research Director for the Global Commission on Adaptation.

Jean Pierre Elong Mbassi, Secretary General of United Cities and Local Governments of Africa (UCLG Africa)

He has been the Chairperson of the Cities Alliance Interim Management Board till April 2016. He is also Co-Chair of World Cities Scientific Development Alliance-WCSDA, and Deputy Secretary General of the China-Africa forum of local governments. Mr. Elong Mbassi is the man behind the Africities Summit, the largest event of cities, regions and local communities in Africa, where he oversees the organization since the first edition in 1998. From 1996 to 1999 he was the first Secretary General of the World Association of Cities and Local Authorities Coordination-WACLAC at the same time he held the position of Secretary General of the Municipal Development Partnership, MDP from 1992 to 2006.

Andreea Nowak, Social Science Researcher, CGIAR

Andreea Nowak works with the CGIAR at the intersection of development, agriculture, and nature conservation. She leads research on performance tracking and measurement of climate adaptation actions under the UNFCCC process and in national policies and investments. She works closely with governments, development partners, and investors across Africa in the co-design of climate decision-support tools and evidence-based targets and metrics for climate change adaptation. Passionate about creating bridges between data and decisions, she is particularly keen on user-centered, participatory, and inclusive approaches in research design and communication.

Dr Aditya Bahadur, IIED, ARA core development team

Dr. Aditya Bahadur is a Principal Researcher at the International Institute for Environment and Development. Previously he helped run the DFID funded Action on Climate Today Programme based at Oxford Policy Management and prior to that served as a Research Fellow at the Overseas Development Institute, UK. He has almost 15 years of experience in research, evaluation and practice of DRR, climate change and development. He has published widely on these issues including in highly regarded academic journals, newspapers, periodicals and online platforms. His book 'Resilience Reset' is set to be published by Routledge and will be released in July 2021



Snigdha Garg, Senior Manager, Adaptation Research- C40 Cities

Snigdha is responsible for managing adaptation research projects of C40 and mainstreaming adaptation across C40's projects and programmes. Before joining C40, Snigdha previously worked with ICLEI South Asia for three years on building climate resilience strategies, disaster risk reduction, developing climate change mitigation and adaptation plans for cities, and benchmarking basic services against national standards for South Asian cities. She has experience in sustainability consulting, project management and urban resilience.

Dr Riad Balaghi, Chair of IPAM Agriculture Committee and Director of Projects, The AAA Initiative Foundation

Dr Riad Balaghi is an expert climate risk management in agriculture, climate change and development of climate-resilient projects. He worked as a scientist and as an international consultant in various climate risk management, agricultural development and climate change projects in Africa, Asia and Europe. He published numerous scientific papers, related to climate risk management, crop forecasting and climate change. He received the FAO Medal of Merit in 2009 for his numerous works on climate change. He was a member of the scientific committee of COP22, and he is affiliated with numerous non-profit associations. He is the lead project manager at AAA (Adaptation of African Agriculture), an initiative dubbed by the African Union.

Dr Marta Olazabal, Chair of IPAM Cities Committee

Dr. Marta Olazabal is a Research Fellow and Head of the Adaptation Research Group at the Basque Centre for Climate Change (BC3). She has a background in Environmental Engineering, a PhD on Land Economy and over 17 years of experience in research and consultancy on urban sustainability and climate governance. She is interested in local climate policy, urban planning and decision-making, knowledge production and use and on approaches to assess climate action progress. She is now working on approaches to assess urban adaptation progress. Her research has been funded by AXA Research Fund, the Spanish Government and the European Commission.

Dr. Driss Ouazar, Chair of IPAM Water Committee and Professor of Computational Civil Engineering and Water Resources

He is a Resident Member of Hassan II Academy of Science and Technology, the National Representative of the International Association of Hydrological Sciences (IAHS), member of High Water and Climate Council, Founder of Adaptation Metrics and Techniques Cluster Water, Agriculture and Cities, Former President of University and Former Director of School of Engineering, Former member of Scientific Committee of COP22 and Scientific Board of the National Research Council of Morocco, Former Member of the Higher Council of Education, Training and Scientific Research and the Scientific Research Commission (Morocco). He is African Scientific Research and Innovation Council (ASRIC) Vice Chair and represents ASRIC and the Associate Editor and Executive Director of Frontiers in Science and Engineering International Journal of the AH2ST.

