

Committee Introductory Web Meeting Series:

Techniques and Tools Committee

22 March 2021



The meeting will start soon.

IPAM Committee Introductory Web Meetings

General rules of the game for your participation in this web meeting:

1. You have been automatically muted upon entering the session.
2. We kindly ask you not to unmute yourself until you are given the floor.
3. Videos are all turned off except for the person who is speaking, to save bandwidth. You will be allowed to turn on your video, if you wish, when you are speaking.
4. Please insert your (short) affiliation together with your name ([go to: participants>more>rename](#)).
5. (Brief) Q&As follow each presentation
6. To take part in the discussion, please raise your hand ([go to: participants>more>raise hand](#)).
7. You can also use the chat box to type your questions that will be answered during the final discussion.

Thank you for agreeing to these “rules of the game”

Techniques and Tools Committee Introductory Meeting

IPAM International Platform on Adaptation Metrics



Karl Schultz

Chair of Techniques and Tools Committee

Executive Chairman, The Higher Ground Foundation

Agenda

- 1. Greetings, Introduction to IPAM**
- 2. Techniques & Tools (T&T) for Adaptation Metrics**
- 3. Adaptation Metrics Mapping and Evaluation (AMME)**
 - **Work Program**
 - **T&T AMME Project Ideas**
- 4. Purpose and Plans for T&T Committee**
- 5. Next Steps:**
 - **Next meeting agenda**
 - **Why and how to join**



1.IPAM



IPAM's Origins:

Annual Conferences on Adaptation Metrics 2016 -2018



From prior to 2016 UNFCCC Conference of Parties 22 (COP 22) in Marrakech to IPCC Special Event, 2018





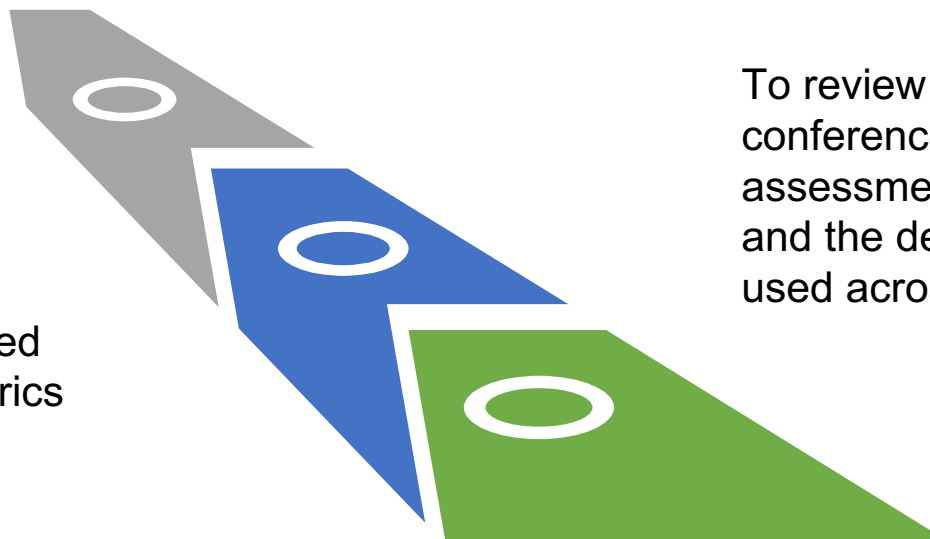
The 2019 Workshop

Salé, November 22, 2019

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

To create an **International Platform
on Adaptation Metrics**

To propose a platform format consolidating synergies in terms of research frame, targeted outcomes and above all, purpose of the metrics to be identified and developed.



To review the outcomes of the three first conferences and establish a rough assessment of the findings, the concepts and the definitions of adaptation metrics used across the world.



IPAM Today

Period of recruitment, program development and fund-raising:

- Governed by Steering Committee of founding institutions
- Secretariat is AAA Foundation
- Seeking institutional, expert members, and sponsorship
- Organizing sectoral/function committees
- Participating in variety of adaptation and resilience initiatives/collaborations
- Developing Work Program

After this period, will reconstitute with refined legal and governance framework

MEMBERSHIP OPENING

International Platform on Adaptation Metrics

November 5, 2020 9:00-10:30 UTC and 4:00-5:30 UTC

The Steering Committee of the International Platform on Adaptation Metrics (IPAM) cordially invites you to join us for our membership and activities launch.

Adaptation metrics are essential in order to assess vulnerability, risk, resilience and climate impacts, to track implementation of adaptive responses and to monitor and measure adaptation results. The formulation of standardized adaptation metrics is one of the great trans-disciplinary challenges of our time. Building knowledge and consensus on adaptation metrics is critical for climate adaptation policy and business imperatives at all scales, functions, and sectors, to articulate and meet the goals of the Paris Agreement on climate change and for investment decision-making at scale.

Following a planning workshop of November 2019, formation of a Steering Committee, and consultations throughout this year, we are launching IPAM so as to find common purpose to address these concerns, and invite you to the platform launch so you can learn about our plans and membership options, to seek your feedback on our plans, and to encourage your active participation.

Launch Agenda:

- Welcome and Introducing IPAM: IPAM chair
- Keynote Address: Secretary General, Intergovernmental Panel on Climate Change (IPCC)
- Opening word: Director General of the AAA Initiative Foundation, IPAM's secretariat
- Introduction to Subcommittees: Water/ Tools & techniques/ Agriculture/ Cities
- Membership Charter, Options and Benefits
- Proposed Adaptation Metrics Mapping and Ev
- Discussion and Wrap-up

IPAM International Platform
on Adaptation Metrics

www.adaptationmetrics.org

IPAM's Current Committees

Agriculture



Riad Balaghi

ipamagriculture@aaainitiative.org



Cities



Marta Olazabal

ipamcities@aaainitiative.org



Water



Driss Ouazar

ipamwater@aaainitiative.org



Techniques and Tools



Karl Schultz

ipamtools@aaainitiative.org

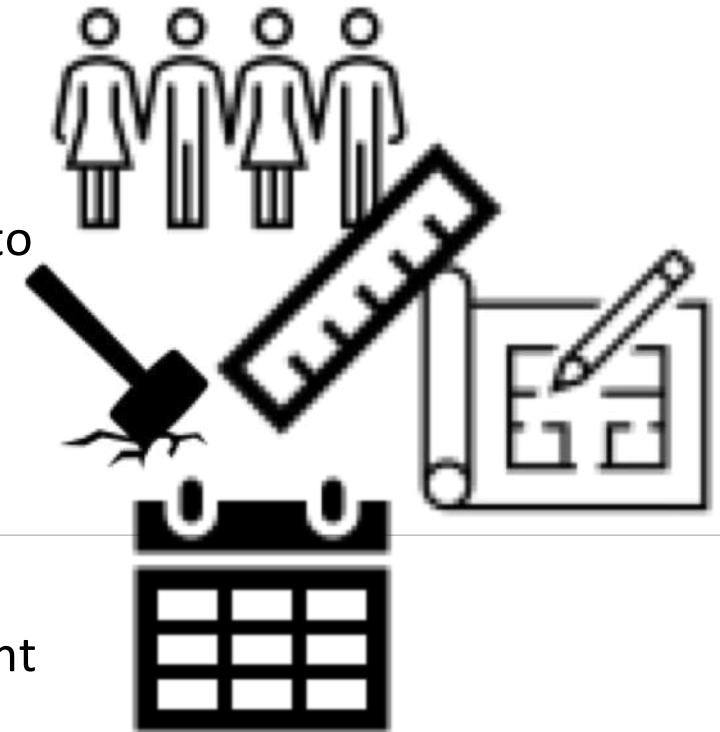


2. Techniques and Tools

Techniques and Tools for Adaptation Metrics

Challenges in Adaptation Metrics:

- Complexity of systems/interactions and variable needs
- Not just physical: +social, economic, political, cultural
- Lack of standards and know-how on what to measure, how to measure it
- Data availability and quality are big problems
- Insufficient tools and variable know-how on how to make decisions about the future - foresight
- Choosing appropriate metrics and communicating to different stakeholders



Techniques and Tools for Adaptation Metrics

More Challenges in Adaptation Metrics:

- Lack of mechanisms to instrumentalize metrics for project, investment, and policy
 - How effectively identify needs?
 - How to enable metrics to incentivize appropriate, sustainable adaptations?
 - How to evaluate metrics qualities for and communicate metrics appropriately to end users?
 - How to harmonize metrics across sectors, disciplines, and cultures?
- Standards and regulations: what needs to be collected? which data ought to be collected? what level of governance?

These questions can only be addressed through appropriate harnessing of existing and emerging techniques and tools, and through the creation and adoption of new ones!

Techniques and Tools for Adaptation Metrics



Techniques and tools rapidly evolving:

- Data and analytical tools (Blockchain, Internet of Things, Machine Learning, etc.)
- Decision Sciences (modeling, futures literacy, scenario planning)
- Social Sciences (community consultation, surveying techniques....and ways of knowing what counts)
- Business and government (practices and resources ... insurance, census, etc.)
- Art and civil society (literature, street art, demonstration, social media)

Techniques and Tools: what is needed?

- Merge and add new approaches to each discipline's "tool kit" for:
surveilling - archiving - sharing - evaluating - co-developing and piloting
- Encouraging innovation and quality improvements to:
data - foresight - metrics - monitoring approaches - evaluations and decision making
- Encourage trans-disciplinary perspectives and also "fill in" for extra topics not covered by committees
health - disaster risk reduction - supply chain - ecosystems



Poll 1:

How do you think you can contribute (pick first and second choice)?

- Data and analytical tools
- Decision Sciences
- Social Sciences, Business and Government
- Art and civil society

3. Adaptation Metrics Mapping and Evaluation (AMME)

AMME Work Program

AMME Objectives:

- Support practitioners, funders, policymakers and research community
- to identify, deploy, and build on existing and emerging adaptation metrics.

Program Approach:

- Strong “user need” framework: informs evaluation framework
- Projects defined/led (mainly) by committees
- Modular framework: projects may be broken down to meet funder/user priorities within a coherent, harmonized approach

AMME Phases

Phase 1: Mapping/Evaluating

- Definitions
- User purposes/standards required
- Survey of metrics, positioning/evaluating metrics
- Define tools and techniques required for metrics creation and use

Phase 2 - Creation of an open source tool:

- Geographic database for data collection from ongoing projects
- Metrics generation and use from data to modelling
- Capacity building and metrics sharing

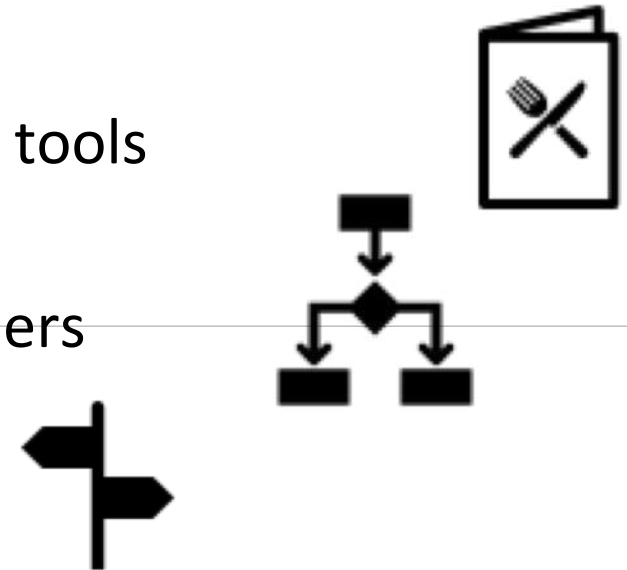
AMME: Structure and Next Steps

- Further articulate AMME structure and process
- Identify organizations interested in supporting initiative:
seeking multi-stakeholder support to strengthen buy-in and expert/financial resource-base
- Share work program defined projects' concept with interested supporters
to refine concept and secure funding
- Trans-committee driven initiative
for strong connection with sectoral experts and users + tool builders
- Regular updates on project progress
to broader IPAM/stakeholder community



AMME for Techniques and Tools: Project options and ideas

- Inventory existing and proposed tools
- Explore potential of approaches/ technologies including engagement with:
 - *technical experts (creation)*
 - *end-users (feedback loop)*
- Support sectoral committees in deploying appropriate tools
- Integrate tools/techniques across disciplines
- Communicate/disseminate tools to relevant stakeholders
- Build capacity to effectively deploy tools
 - *Training*
 - *Uptake by decision-makers*
- Other ideas?



4. Techniques and Tools Committee: Purpose and Plans

T&T Committee Approach

- Aim is to create an interdisciplinary group of experts interested in collaborating on:
 - mapping
 - evaluating
 - co-creating
 - piloting
 - sharing techniques and tools to better enable appropriate metrics meeting end-user needs
- Activities:
 - committee meetings and committee level seminars
 - projects: design, resource, work together on
 - outwards facing engagements (training/meeting user communities, etc.)
 - information sharing platforms
- Higher Ground Foundation is the IPAM institutional member responsible for T&T



Poll 2

What are you most interested in doing on the T&T Committee? (Pick 1 or 2)

1. Defining and advising on project work
2. Working on projects as an IPAM team
3. Sharing information internally
4. Outreach to stakeholders
5. Nothing! I don't want to be on the committee

5. Next Steps for T&T

Next Techniques and Tools Committee Meeting

- Late Spring
- Open to all (last meeting before requirement to join IPAM)
- Agenda:
 - Identify committee activities
 - Information exchange, collaborations, etc.
 - AMME project ideas and proposals
 - Other?
 - Discuss committee governance
 - Meeting frequency/themes
 - Committee “meeting” versus Showcasing/Work Collaboration
 - Composition and specific sub-group activities
 - Platforms for communications and networking

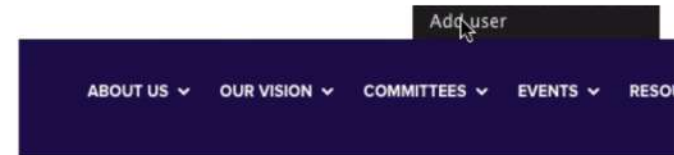


Join IPAM and its committees to participate

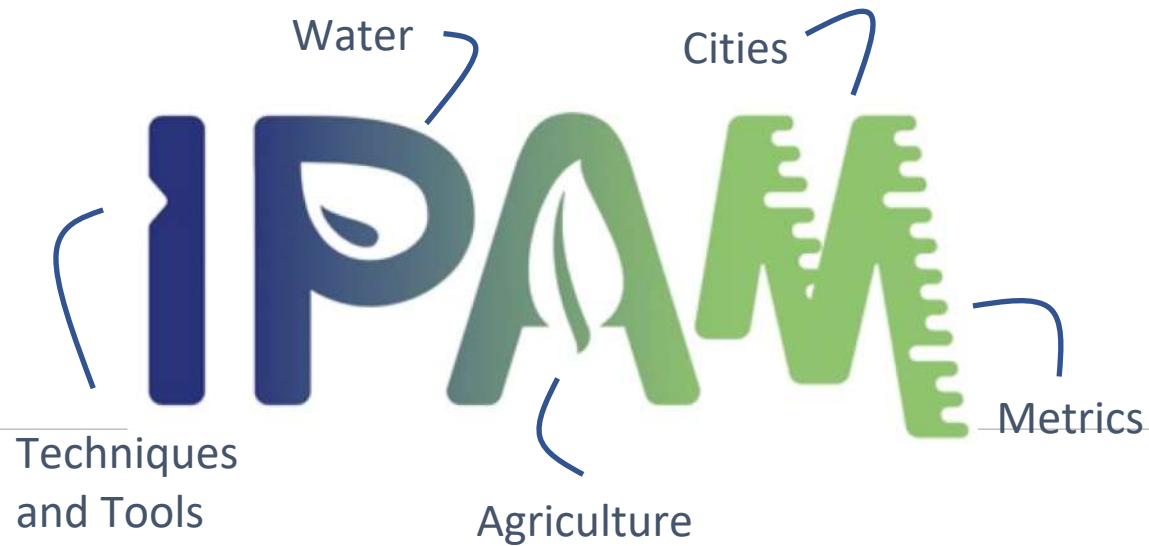
Membership is required to participate in committees and access information platform

- **Institutional Members** (voting members in Steering Committee, [contact us](#)).
- **Associate Members** (to be associated as an individual, and involved in topic-oriented committees, [sign a charter](#)).
- **Sponsors** (don't need but can be involved in committees or events, [contact us](#)).
- Anyone interested can sign up to the **mailing list**

ipam@aaainitiative.org



Let's become the community...to be the change we wish to see in the world



Join IPAM.

Let others know about IPAM.

Help build an expert community tackling a key global challenge.



African Scientific Research and Innovation Council

IPAM International Platform on Adaptation Metrics

www.adaptationmetrics.org

Poll 3

Would you consider joining?

1. Yes, as a representative of an institutional member
2. Yes, as an associate member
3. Yes, as a sponsor
4. Just keep me on the mailing list
5. Undecided
6. No

Discussion

Q&As



Thank You.

Secretariat : ipam@aaainitiative.org
T&T Email : ipamtools@aaainitiative.org
www.adaptationmetrics.org

IPAM
International Platform
on Adaptation Metrics