

**17<sup>th</sup> meeting of the Adaptation Committee**

**Agenda item 6(c)**

**Methodologies for assessing adaptation needs**

Virtual meeting, 24-27 March 2020



# I: Introduction and background

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- ❖ 11/CMA.1: AC, in collab. with LEG, NWP partner organizations, users and developers of relevant methodologies, **to develop by June 2020 and to regularly update an inventory of relevant methodologies for assessing adaptation needs**, including needs related to action, finance, capacity-building and technological support in the context of national adaptation planning and implementation, and to make the information available on the Adaptation Knowledge Portal (AKP)
- ❖ Parties and observer orgs **to submit by February 2021 views and information on the development and application of methodologies for assessing adaptation needs**
- ❖ AC, with the engagement of IPCC Working Group II, as appropriate, to prepare, drawing on the inventory and the submissions **a technical paper on methodologies for assessing adaptation needs and their application**, as well as on the related gaps, good practices, lessons learned and guidelines, for consideration and further guidance by SBSTA 57 session (November 2022)



## II: Inventory

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### Three-step approach for content

- a) Review the data on tools, online portals and scientific articles that are already on the AKP database, ensure that hyperlinks are working and add respective metadata
- b) Research new online portals, tools and scientific articles to be added to the database
- c) Engage the LEG, NWP partner organizations, users and developers of relevant methodologies, including academia and the private sector to submit additional relevant methodologies for inclusion to the inventory

### Two ways to access inventory

1. Dedicated box on AKP landing page
2. Via the “search database” tab in the main AKP database



### III: Possible guiding questions for the call for submissions

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To maximize the usefulness of the submissions, the AC may wish to agree on targeted questions that will provide the material needed for the technical paper. Examples of guiding questions could include:

- a) **Existing methodologies:** What concrete methodologies, guidelines and tools does your country/organization use to assess adaptation needs? For each, please specify, as applicable:
  - i) Is it open source or proprietary?
  - ii) How and where can it be accessed? What is needed to apply it (e.g. IT equipment, data, human resources, time investment)?
  - iii) What is it used for (e.g. stage of the project and geographical scale, sector)?
  - iv) What are the strengths and weaknesses?
- b) **Selection/application:** How does your country/organization select and apply the most suitable methodology for its needs? Which of these guiding principles and possibly others for the application of methodologies do you consider useful?
- c) **Gaps, good practices and lessons learned:** In your country's/organizations' experience, what gaps, good practices and lessons learned exist in terms of developing, selecting and applying methodologies for assessing adaptation needs?
- d) **Case studies:** Please provide one or two case studies that could be useful to other countries and that could be replicated.



## IV: Possible scope of the technical paper

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The technical paper could have the following parts:

- a) Background and introduction;
- b) Overview of existing methodologies and guidelines for assessing adaptation needs, including for assessing overarching, action, finance, technology and capacity-building needs. This could be organized by sector or process;
- c) Application of methodologies, including principles for selecting the most appropriate ones for different circumstances and purposes;
- d) Gaps, good practices and lessons learned;
- e) Conclusion and issues for consideration by SBSTA.
- f) Annex (table summarizing the methodologies reviewed according to key characteristics, such as strengths/weaknesses/geographical and time scale applicability, etc.)



## V: Next steps

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The AC may wish to consider and agree on:

- a) The concept for the inventory, including collaboration with the LEG and NWP partner organizations who could contribute methodologies and tools and suggestions for additional pre-selected filters
- b) Request the secretariat to prepare a pilot inventory by June 2020 accordingly
- c) Guiding questions for the submissions and to request the secretariat to issue the call accordingly
- d) Scope and structure for the technical paper and to request the secretariat to develop an annotated outline, including a plan for engaging the IPCC and other stakeholders such as the LEG, PCCB, NWP as well as the WMO by AC 18.

