

Adaptation Metrics and Techniques Cluster

CONTEXT AND OBJECTIVES



The 2018 conference on Adaptation Metrics held at University Mohammed VI Polytechnic in Benguerir was a good opportunity to address different recommendations and challenges that should be taken into consideration to highlight adaptation metrics.

As a continuity, an Adaptation Metrics Cluster was created and hosted at the University UM6P. An Advisory Board was set up and members were being assigned progressively. The title of the Cluster/Conference was extended to “Adaptation Metrics and Techniques for Agriculture, Water and Resilient Cities”.

Techniques of adaptation were also included as they are linked to specific metrics and in order to enhance information sharing about new findings and practices.

Resilient Cities were added intentionally to create/enhance/bring other dimensions to communities cultivating robustness, thriving/wealth, health, justice, viable economy and sound environment (clean air, clean water, green landscapes, and sustainable and just food systems). Cities and their citizens have already begun experiencing the effects of climate change and making them more resilient to climate related disasters is becoming more and more imperative.

The topics covered by the cluster are targeted within the context of sustainable development goals. Their adaptation using appropriate metrics and monitoring tools will help meeting and supporting the achievement of these goals at different levels. Within the framework of Paris agreement, the cluster ultimate objective was to help enhancing

adaptive capacities, strengthening resilience and reducing vulnerabilities through the availability of scientific and technical information for monitoring, evaluating and then selecting reliable and appropriate adaptation techniques.

This cluster aimed to be a tool for helping the scientific community, especially in Africa to follow up the work and to develop efficient methodologies in the framework of adaptation metrics. This tool will help the community to develop, discuss and assess scientific works related to this thematic. The university envisions to be a leader in Africa to address the issue of adaptation metrics and monitoring and to enhance international collaboration around this topic. Moreover, through the creation of a cluster, UM6P will allow African universities, research institutions and different stakeholders to be constantly aware of the last scientific works related to global and regional change hazards, and different methodologies available to adapt and to quantify the quality of the adaptation techniques.