Royaume du Maroc

Ministère de l'Équipement et de l'Eau





10ème Forum Mondial de l'Eau

18-25 Mai, 2024 | Bali, Indonésie

Side-Event au Pavillon Maroc (90mn)

CANEVAS DE NOTE CONCEPTUELLE

1. INFORMATION SUR LE(S) ORGANISATEUR(S):

Organisateur principal	Ecole Mohammadia d'Ingénieurs - Rabat
Personne contact :	Nom & Prénom : Prof. Abdelkader LARABI Coordonnées : 0661204041, larabi@emi.ac.ma
Co-organisation	DRPE
Partenaires internationaux	UN- ESCWA , UNESCO, EU, OCP

2. INFORMATIONS SUR LE SIDE-EVENT :

Titre du Side-Event	Assessment of Future Climate Change Impacts on Water
	Resources: Approches and case studies in Morocco and
	Mediterranean region
Thématique ¹	6- Connaissance et innovation
Contexte	Climate Change Impacts on Water Resources : UN-Agencies + EU
	and National Organismes
Objectif	Integration of Future Climate Change Impacts in Planning and
	Management of Water Resources
Consistance	The research works consist on coupling results of several climate
	models to Hydrological Models to assess future climate change
	impacts on water resources for horizons 2050 and 2100 and for
	the two scenarios RCP4.5 and RCPP8.5. A scientific approach was
	first developed for this research taking into account all steps from
	climate modeling, downscaling and hydrological or groundwater
	modeling, which has led to assessed varying water balance in
	time (2050-2100) and space and for for each selected hydraulic
	system at the level of the hydraulic watershed; in addition to
	future river flows and piezometric time series at various
	observation wells and various piezometric maps. Results of case
	studies from Morocco will be presented.
Résultats Attendus	Table of varying future rivers flows in time and space, future
	piezometric maps in time and piezometric time series for several
	observation wells (2050-2100). These elements are of great
	importance to assist the decision makers and planners in water
	resources management to take appropriate measures and

	actions, knowing that the future climate change was taken into account in the evaluation of future water resources.
Audience cible	Decision Makers, Planners, Engineers, Researchers in Water Resources Management
Projet de programme et intervenants	Prof. Abdelkader LARABI : Presentation, discussions and debate

3. <u>IDENTIFICATION DES BESOINS</u>:

Jour souhaité ²	20-22
Créneau horaire proposé	11h

¹ Les sous-thèmes prioritaires de l'édition :

- 1- Sécurité de l'eau et prospérité
- 2- L'eau pour les Humains et la Nature
- 3- Réduction et gestion des risques de catastrophes
- 4- Gouvernance, coopération et hydro-diplomatie
- 5- Financement durable de l'eau
- 6- Connaissance et innovation

² Jour souhaité (du 20 au 24 Mai 2024)