

Action Area 4.1: Flood and drought mitigation, extreme events, climate adaptation

Strategic Action	Specific Action	Activity	TB	B	L	N	SA	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Responsibility	
																		Lead	ORASECOM
4.1.1: Improve knowledge, understanding and communication of extreme events	Consolidation of relevant climate data at the basin level	Identify and liaise with all existing and potential data collection programmes (institutions)																ORASECOM	Manage
		Set up climate change database module within the ORASECOM WIS and promote																ORASECOM	Manage
		Promote and encourage data collection and sharing in the basin countries																ORASECOM	Facilitate
	Updating of regional downscaling and other CC models	Set up formal contacts and work with regional and world-wide institutions responsible for downscaling																ORASECOM	Manage
		Support and facilitate the use of latest available downscaled climate change projections for application to water resource and other models																ORASECOM	Manage
4.1.2: Mainstreaming of climate-adaptation into the design of development activities	Review of existing regional and national guidelines	Review regional and national guidelines																ORASECOM	Manage
		Perform a gap analysis for climate change adaptation																ORASECOM	Manage
	Develop climate change adaptation guidelines for the basin	Develop climate change adaptation guidelines as part of basin adaptation strategy																ORASECOM	Manage
		Develop early warning signals and evaluation systems																ORASECOM	Manage
		Consolidate adaptation guidelines including measures to ensure implementation																ORASECOM	Manage
	Implement climate-adaptation guidelines for the basin	Integrate climate-change adaptation measures (climate-proofing) into each development activity																Countries	Facilitate
		Institutional support and monitoring and evaluation																Countries	Support
4.1.3: Mainstreaming of climate-adaptation into drought and flood mitigation	Review of existing regional and national guidelines	Review regional and national guidelines																ORASECOM	Manage
		Perform a gap analysis for climate change adaptation																ORASECOM	Manage
	Develop climate change adaptation guidelines for the basin	Develop strategies for drought and flood mitigation as part of basin adaptation strategy																ORASECOM	Manage
		Develop early warning signals and evaluation systems																ORASECOM	Manage
		Consolidate adaptation guidelines including measures to ensure implementation																ORASECOM	Manage
	Implement climate change adaptation guidelines	Integrate climate-change adaptation measures (climate-proofing) into flood and drought management measures																Countries	Facilitate
		Institutional support and monitoring and evaluation																Countries	Facilitate