Review of needs expressed

Categories	Needs	LB	MA –	JO –	EG
	vulnerability of forest fires	X			
	Hydro network (GIS layers) / digital maps / base mapping	2		x	X
CC	Impact of CC on coastal zones	X			3
Infra	Erosion and sedimentation of reservoir		X	X	X
Infra	Determining vulnerability areas (e.g. protection areas for Fresh water)	X		1	X
Infra	Estimating areas for water harvesting / reservoir location / artificial recharge (liniments), surface and groundwater storages	X	X	1	X
Infra	Infrastructure risk analysis (e.g. dams)				
WA	Snow cover	X	X		
WA	Monitoring drought impact	X[1]	2	X	X
WA	Desertification	X	X	X	X
WA	Water balance (availability and dynamics, water levels)	1	X	X	X
WA	Evaluation of ground and surface water resources (past, current and future)	X	X	X	X
WA - CC	Predict the possible changes in the hydrologic regime and water flux	X	X	X	
WA or WU	mapping and monitoring soil moisture content	X	X		X
WM	Management of shared surface and groundwater resources	X	X	3	X
WM	Early warning system and modeling flash floods monitoring	3	1	X	1
WQ	Pollution and water quality monitoring	X	3	X	2
WU	Monitoring vegetation health	X[2]			X
WU	Estimating evaporation/ evapotranspiration		X		X
WU	Monitoring land use (incl. crops and irrigated areas)	X	X	2	X[3]
WU	Abstraction control (irrigation, pumping, …)	X	X	X	X
WU	Weed control				X
WU	Soil salinity (for crop productivity)				X
WU - CC	Impact of CC on agriculture	X	X	X	X

[1] assessment of vegetation index, land surface temperature and leaf area index
[2] assessment of vegetation index, land surface temperature and leaf area index
[3] Agricultural areas and crop paterns