

Overview Research Themes and Working Groups

		Targets			Science Questions					
Research Themes	Working Groups	T1	T2	T3	SQ1	SQ2	SQ3	SQ4	SQ5	SQ6
Large Scale Hydrology	Large sample hydrology (WG-LSH)	x	x	x						
	Hydrologic services and hazards in multiple ungauged basins		x					x	x	
Hydrological Processes under Change	Mountain Hydrology	x	x	x						
	Physics of Hydrological Predictability	x	x							
	Water&Energy Fluxes in a Changing Environment	x	x	x	x	x	x	x	x	x
	Changing Biogeochemistry of Aquatic Systems in the Anthropocene		x		x			x	x	x
	Groundwater processes under change??									
Sociohydrology/Global Change in Hydrology and Society	Transdisciplinarity	x		x		x				x
	Socio-hydrologic Modeling and Synthesis	x			x	x	x			
	Antropogenic and Cimatic Controls on Water Availabilty (ACCuRAcY)	x	x	x	x	x		x	x	
	Evolving Urban-Water Systems	x	x	x	x	x	x	x	x	x
	Changes in Flood Risk	x	x	x		x	x			x
Hydrological Extremes	Understanding flood changes	x	x	x	x			x		x
	Floods in historical cities									
	Droughts??									
Human Impacts on Water	Comparative Water Footprint Studies	x	x	x		x			x	x
	Waterfootprint of cities	x	x	x	x	x	x	x	x	x
	Water Scarcity Assessment	x	x	x		x	x			x
	Thirsty Future: Energy and Food Impacts on Water	x	x							
Water Supply	Sustainable Water Supply in an Urban Change	x	x	x	x	x				x
	Large Dams, Society, and Environment	x	x	x		x	x	x		x
	Reservoirs impact									
	Natural and man-made control systems in water resources	x	x	x		x				x
Uncertainties and Predictions	Predictions under Change (PUC)	x	x	x						
	Epistemic uncertainties	x	x	x	x			x		x
	Data-driven Hydrology		x	x					x	
	Hydro-meteorological extremes: Decision making in an uncertain environment			x				x	x	x