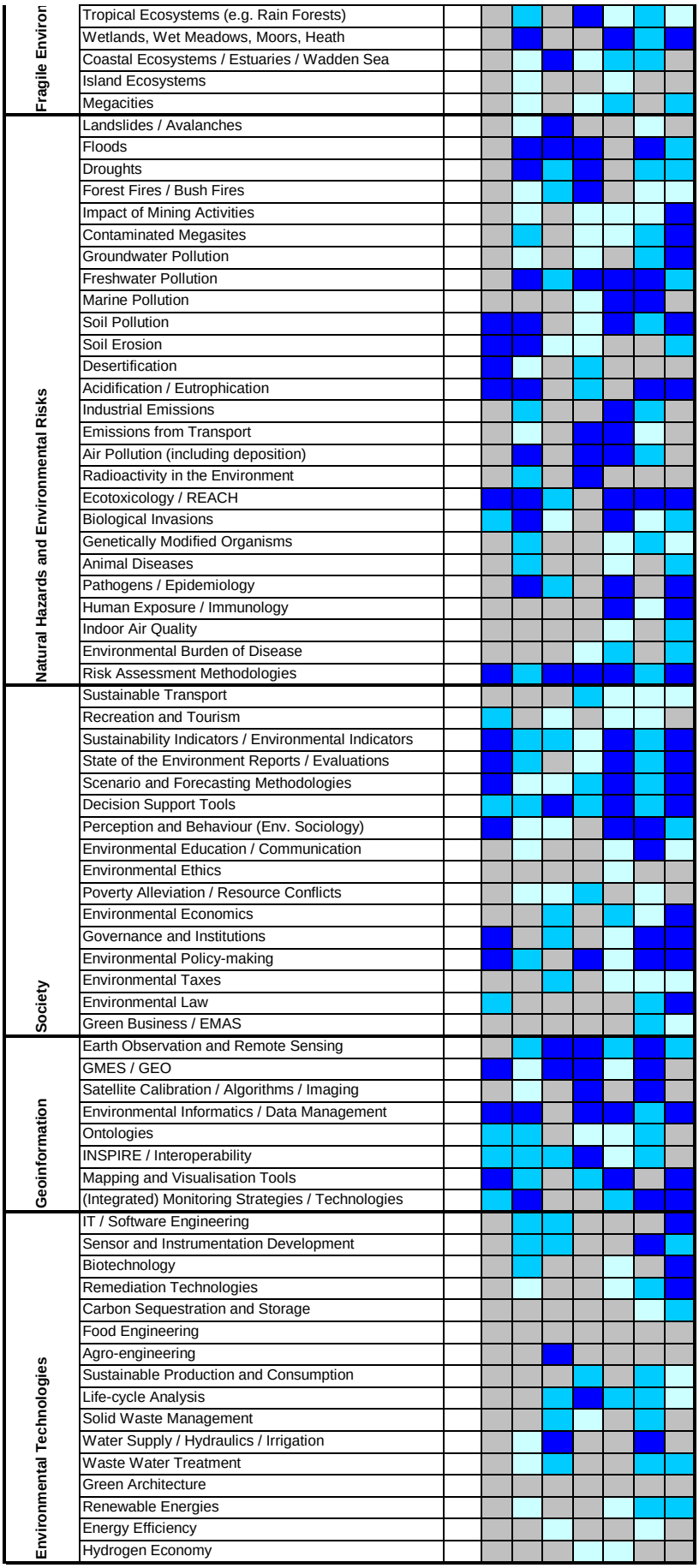
The PEER Genetic Code 2008

The PEER Genetic code: areas of PEER expertise

The table indicates the overall self-assessed expertise areas of PEER centres for each topic, using the categories "strong", "medium", "few", "none". Updated April 2009.

Key:
Strong
Medium
Few
None

	Topic		ALTERRA	CEH	CEMAGREF	JRC-IES	NERI	SYKE	UFZ
Climate Change	Paleoecology / Climate Archives								
	Carbon Cycle / Nitrogen Cycle								
	Greenhouse Gas Inventories								
	Climate Change Models and Scenarios								
	Climate Change and Ecosystem Health								
	Climate Change and Human Health								
	Climate Policy / Emissions Trading								
	Climate Change Mitigation Strategies								
	Climate Change Adaptation Strategies								
Atmo-sphere	Atmospheric Chemistry and Physics								
	Atmospheric (Dispersion) Modelling								
	Long-range Transport of Air Pollutants								
Marine	Thermohaline Circulation								
	Marine Modelling / Processes								
	Marine Ecology / Biodiversity								
Water	Brackish Water								
	WFD Implementation / Good Ecological Status								
	Freshwater Monitoring								
	Freshwater Ecology / Biodiversity								
	River Ecology								
	Lake Ecology								
	Artificial Lakes (Mining Lakes, Reservoirs)								
	Sediments (and interaction with the water column)								
	Hydrogeology / Groundwater / Aquifers								
	Catchment Modelling								
	River Basin Management								
	Aquaculture								
	Inland Fisheries								
Soils, Forests, Agriculture	Soil Chemistry / Soil Physics								
	Soil Ecology / Soil Biodiversity								
	Forest Ecology								
	Forestry / Forest Management								
	Impacts of Farming / Agricultural Practice								
	Agrienvironment								
	Bioenergy / Biofuels								
	Food Safety								
	Rural Development								
Biodiversity and Land Use	Microbial Diversity / Env. Microbiology								
	Genomics / Molecular Ecology								
	Evolution								
	Taxonomy / Specimen Archives								
	Population Ecology / Community Ecology								
	Biodiversity Monitoring / LTER								
	Nature Conservation Areas / Natura2000								
	Landscape Ecology / Landscape Patterns								
	Landscape Architecture								
	Urban Ecology / Urban Green								
	Land Use Change / Land Cover Change								
	Ecological Modelling / Ecosystem Modelling								
	Ecosystem Management								
	Spatial Planning / Environmental Planning								
ments	Arctic Ecosystems								
	Mountain Ecosystems								
	Arid/Semi-arid Ecosystems								

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