

TABLE OF THE SOCIO-ECONOMIC IMPACTS OF ACTIVITIES

	SCIENCE FOR SOCIETY	SCIENCE FOR ECONOMY	SCIENCE FOR KNOWLEDGE
ENVIRONMENT AND CLIMATE	Operational oceanography	Natural methane hydrates	Glacial history of polar areas
	Anthropic impacts	Modelling and future scenarios	Regime shifts
	Integrated socio-economic-ecologic systems	Remote sensing and cartography	Carbon Cycle
	Mitigation measures	Geophysical and geognostic surveys	Effects of ocean acidification
	Impacts of climate change	Environmental monitoring	Deep marine environments
	Climate change and paleo-climate	Laser topography and landscape photography	Mass transport of marine sediments
BIODIVERSITY AND ECOSYSTEMS FUNCIONING	Ecosystem services		Biogeochemical cycles
	biodiversity and ecologic health indicators	Decontamination protocols for polluted sites	Biodiversity loss
	Implementation of the Marine Strategy Directive	Environmental monitoring	Ecosystem resilience
	Ecologic risk and ecosystem health	Phyto treatment	Contaminants, bio-accumulation and bio-magnification
	Conservation strategies (marine Protected Areas)	Ecosystem services	Invasive species
NATURAL RISKS	Seismic surveillance	Seismic monitoring of industrial sites	Seismo-tectonics and geodynamics
	Human-induced seismicity monitoring	Micro-zonation	Mitigation of effects
	Mitigation	Joint soil-building monitoring	Fluid circulation in marine sediments
	Qualification of sites	Support to anti-seismic design	Submarine slopes stability
	Precise positioning in real time		Earthquake science
			Crustal structures
NATURAL RESOURCES	Hydraulic resources	Drilling and monitoring	Natural resources in the deep marine environment
	Sustainable management of fishery and aquaculture	Mineral resources in the deep sea	Hydrologic cycle
	Sustainable and rationale exploitation of natural resources	Natural methane hydrates	Ecologic impact of economic activities
	Water table management	Sustainable management of fisheries and aquaculture	Ecosystem approach to fisheries and aquaculture
	Ecological footprint	Protection of the quality of freshwater resources	
ENERGY RESOURCES	Geo-energetic cartography	Geothermal energy	Natural methane hydrates
	Monitoring of injection and correction measures e	Natural methane hydrates	
	Monitoring of CO ₂ geological storage	Geological storage of CO ₂	
		Geological storage of methane	
	Oil gas, and unconventional hydrocarbons		