

## X. MEANS OF IMPLEMENTATION

### Environmentally sound technologies

Action items in the Plan of Implementation (A/CONF.199/20, Resolution 2)		Relevant space applications	Space-related initiatives and programmes that could support the implementation of the action		Web-site(s) for further information
Para.	Action item		Agencies / institution(s) involved	Initiatives/Programmes	
105(e)	Promote the access and transfer of technology related to early warning systems and to mitigation programmes to developing countries affected by natural disasters	EO satellites and satellite communications for early warning systems and mitigation programmes to combat natural disasters	ASC, CNES, CONAE, ESA, JAXA, NOAA, ISRO	International Charter "Space and Major Disasters"	
			SUPARCO, Pakistan Telecommunication Corporation Ltd., Pakistan Meteorological Deptt.	EOSS and PAKSAT applications - Programs relating to natural disaster and damage assessment	
			ASI	COSMO-SkyMed Programme for monitoring, prevention and management of both natural and technological environmental disasters even in extreme usage conditions. The Programme is to start operating in 2007 and reach full capacity in 2008.	
			ESCAP	Regional Space Applications Programme for Sustainable Development (RESAP)	<a href="http://www.unescap.org/icstd/SPACE/resap/resap_main.asp">http://www.unescap.org/icstd/SPACE/resap/resap_main.asp</a>
			WMO	Natural Disaster Prevention and Mitigation Programme	
			UNESCO, WMO, UNEP	IOC's "Regional Ocean Observing and Forecasting Systems for Integrated Management of Ocean and Coastal Environment and Natural Disasters in Africa" (ROOFS-AFRICA) project	<a href="http://ioc.unesco.org/goos/africa/ROOFS-AFRICA.htm">http://ioc.unesco.org/goos/africa/ROOFS-AFRICA.htm</a>
			IOC's Global Ocean Observing System (GOOS) Regional Alliances including those for Africa, Black Sea, Mediterranean, Caribbean, Indian Ocean, Pacific Islands, North-East and South-East Asia, South-East Pacific	<a href="http://ioc.unesco.org/iocweb/index.php">http://ioc.unesco.org/iocweb/index.php</a>	
106	Improve the transfer of technologies to developing countries, in particular at	Transfer of space technology to	Regional Centre for Space Science and Technology Education in Latin America and the	Enhancement of the capabilities of the countries in the region in various disciplines	

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	the bilateral and regional levels, including through urgent actions at all levels	developing countries	Caribbean (CRECTEALC)	of space science and technology that can advance their scientific, economic and social development.	
106(a)	Improve interaction and collaboration, stakeholder relationships and networks between and among universities, research institutions, government agencies and the private sector	Transfer of space technology to developing countries	Regional Centre for Space Science and Technology Education in Latin America and the Caribbean (CRECTEALC)	Enhancement of the capabilities of the countries in the region in various disciplines of space science and technology that can advance their scientific, economic and social development.	
			UNESCO	Space Hydrology International Partnership (SHIP) in cooperation with European Space Agency's TIGER project	<a href="http://www.unesco.org/water">http://www.unesco.org/water</a>
				Geological Applications of Remote Sensing (GARS) programme	<a href="http://www.unesco.org/science/earthsciences">http://www.unesco.org/science/earthsciences</a>
				Space Education Programme (SEP)	<a href="http://www.unesco.org/science/earthsciences/sep.htm">http://www.unesco.org/science/earthsciences/sep.htm</a>
			UNESCO, WMO, UNEP	IOC's "Regional Ocean Observing and Forecasting Systems for Integrated Management of Ocean and Coastal Environment and Natural Disasters in Africa" (ROOFS-AFRICA) project	<a href="http://ioc.unesco.org/goos/africa/ROOFS-AFRICA.htm">http://ioc.unesco.org/goos/africa/ROOFS-AFRICA.htm</a>
		IOC's Global Ocean Observing System (GOOS) Regional Alliances including those for Africa, Black Sea, Mediterranean, Caribbean, Indian Ocean, Pacific Islands, North-East and South-East Asia, South-East Pacific	<a href="http://ioc.unesco.org/iocweb/index.php">http://ioc.unesco.org/iocweb/index.php</a>		
106(b)	Develop and strengthen networking of related institutional support structures, such as technology and productivity centres, research, training and development institutions, and national and regional cleaner production centres	Transfer of space technology to developing countries	Regional Centre for Space Science and Technology Education in Latin America and the Caribbean (CRECTEALC)	Enhancement of the capabilities of the countries in the region in various disciplines of space science and technology that can advance their scientific, economic and social development.	
			UNESCO	Space Hydrology International Partnership (SHIP) in cooperation with European Space Agency's TIGER project	<a href="http://www.unesco.org/water">http://www.unesco.org/water</a>

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				IOC's Global Ocean Observing System (GOOS) Regional Alliances including those for Africa, Black Sea, Mediterranean, Caribbean, Indian Ocean, Pacific Islands, North-East and South-East Asia, South-East Pacific	<a href="http://ioc.unesco.org/iocweb/index.php">http://ioc.unesco.org/iocweb/index.php</a>
			UNESCO	Cross-cutting project "Application of Remote Sensing for Integrated Management of Ecosystems and Water Resources in Africa"	<a href="http://ioc.unesco.org/g oos/africa/cross-cutting.htm">http://ioc.unesco.org/g oos/africa/cross-cutting.htm</a>
106(c)	Create partnerships conducive to investment and technology transfer, development and diffusion, to assist developing countries, as well as countries with economies in transition, in sharing best practices and promoting programmes of assistance, and encourage collaboration between corporations and research institutes to enhance industrial efficiency, agricultural productivity, environmental management and competitiveness	Transfer of space technology to developing countries	Regional Centre for Space Science and Technology Education in Latin America and the Caribbean (CRECTEALC)	Enhancement of the capabilities of the countries in the region in various disciplines of space science and technology that can advance their scientific, economic and social development.	
			UNESCO, WMO, UNEP	IOC's "Regional Ocean Observing and Forecasting Systems for Integrated Management of Ocean and Coastal Environment and Natural Disasters in Africa" (ROOFS-AFRICA) project	<a href="http://ioc.unesco.org/g oos/africa/ROOFS-AFRICA.htm">http://ioc.unesco.org/g oos/africa/ROOFS-AFRICA.htm</a>
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