

#### IV. PROTECTING AND MANAGING THE NATURAL RESOURCE BASE OF ECONOMIC AND SOCIAL DEVELOPMENT

##### Forest management

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			
45(f)	Create and strengthen partnerships and international cooperation to facilitate the provision of increased financial resources, the transfer of environmentally sound technologies, trade, capacity-building, forest law enforcement and governance at all levels and integrated land and resource management to implement sustainable forest management, including the proposals for action of the Intergovernmental Panel on Forests/Intergovernmental Forum on Forests	RS and GIS for integrated land and resource management	ASA, Austrian Federal Ministry for Transport, Innovation and Technology and European Space Agency (ESA) funded projects: GEOVILLE, ARCS and TU Wien – IPF (Austria)	“Testing of Novel Earth Observation Systems for Supporting Quality Control Activities required by the Kyoto-Protocol”			
				Acquisition of LULUCF3-Parameters (Land Use, Land Use Change and Forestry – LULUCF)			
				Project within the framework of the Austrian Space Application Programme			
				A GeoVille led Kyoto project focusing on LULUCF project activities funded by ESA-ESRIN			
					EADS – Geomatics – Cemagref – CESBIO – ONF - Media France, Ministry of Research and New Technologies (France)	METIS project on forest management and control	
					ASI	COSMO-SkyMed Programme for monitoring and managing forestry and agriculture. The Programme is to start operating in 2007 and reach full capacity in 2008.	
					SUPARCO, Forestry department, Govt. of Pakistan	Detailed Forest Cover Mapping of Pakistan using High Resolution SPOT XS Data	
					FAO, WFP, UNEP	GeoNetwork	<a href="http://www.fao.org/geonetwork">www.fao.org/geonetwork</a>
		UNESCO	Man and Biosphere (MAB) programme and its Biosphere Reserve Integrated Monitoring (BRIM) initiative				

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				Cross-cutting project "Application of Remote Sensing for Integrated Management of Ecosystems and Water Resources in Africa"	<a href="http://ioc.unesco.org/goos/africa/cross-cutting.htm">http://ioc.unesco.org/goos/africa/cross-cutting.htm</a>
		GIS for integrated information management	16 UN organs, coordinated by WHO	Second Administrative Level Boundaries data set (SALB)	<a href="http://www3.who.int/whosis/gis/salb/salb_home.htm">http://www3.who.int/whosis/gis/salb/salb_home.htm</a>