

Table 1: List of NASA National Applications Areas (*Appendix B, CCSP SAP 5.1 Prospectus*).

<b>Nationally Important Applications</b>	<b>Nationally Important Applications</b>
Agricultural Efficiency	Ecological Forecasting
Air Quality	Energy Management
Aviation	Homeland Security
Carbon Management	Invasive Species
Coastal Management	Public Health
Disaster Management	Water Management

Table 2. Societal benefit areas identified by the Group on Earth Observations (GEO) for the Global Earth Observations System of Systems (GEOSS) ([http://www.earthobservations.org/about/about\\_GEO.html](http://www.earthobservations.org/about/about_GEO.html)) (accessed May 2007)

<b>GEOSS Socio-Benefit Area Keywords</b>	<b>GEOSS Socio-Benefit Area Descriptions</b>
Health	Understanding environmental factors affecting human health and well-being
Disasters	Reducing loss of life and property from natural and human-induced disasters
Forecasts	Improving weather information, forecasting, and warning
Energy	Improving management of energy resources
Water	Improving water resource management through better understanding of the water cycle
Climate	Understanding, assessing, predicting, mitigating, and adapting to climate variability and change
Agriculture	Supporting sustainable agriculture and combating desertification
Ecology	Improving the management and protection of terrestrial, coastal, and marine ecosystems

Table 3. References to Related National and International Activities (*Source: Appendix C, CCSP SAP 5.1 Prospectus*)

<b>Priority</b>	<b>National</b>	<b>International</b>
Climate Change	Climate Change Science Program and Climate Change Technology Program	Intergovernmental Panel on Climate Change and World Climate Research Programme
Global Earth Observations	NSTC CENR U.S. Interagency Working Group on Earth Observations	Group on Earth Observations (GEO)
Weather	U.S. Weather Research Program (USWRP)	World Meteorological Organization
Natural Hazards	NSTC CENR Subcommittee on Disaster Reduction	International Strategy for Disaster Reduction
Sustainability	NSTC CENR Subcommittee on Ecosystems	World Summit on Sustainable Development
E-Government	Geospatial One-Stop and the Federal Geographic Data	World Summit on the Information Society