The current GEOSS goal

“To monitor continuously the state of the Earth, to increase understanding of dynamic Earth processes, to enhance prediction of the Earth system, and to further implement our international environmental treaty obligations”, we need “timely, quality, long-term, global information as a basis for sound decision making” (Washington Summit Declaration). To provide this valuable information and to move from principles to action, we make this “10-Year Implementation Plan for establishing the Global Earth Observation System of Systems (GEOSS)” which should be “comprehensive”, “coordinated”, and “sustained” (Framework Document).

Focus on Societal Benefits: GEOSS Topics

• Disasters (IGOS-P),
• Climate Change (GCOS, WCRP),
• Water Cycle (IGOS-P),
• Weather (WMO)
• Ecosystems Protection (IGOS-P)

• Agriculture,
• Energy,
• Human Health,
• Biodiversity
IWGEO Structure

(Interagency Working Group on Earth Observations)

IWGEO Co-Chairs
Ghassem Asrar, NASA
Clifford Gabriel, OSTP
Gregory Withee, NOAA

Planning & Integration Team
Ronald Birk, NASA
David Halpern, OSTP

Architecture Team
Eliot Christian, USGS
Michael Crison, NOAA
Gordon Johnson, NASA

Data Utilization Team
Robert Cushman, DoE
Neil Wyse, NOAA

User Requirements and Outreach Team
John Lyon, EPA

Capacity Building Team
Ko Barrett, USAID
Howard Diamond, NOAA

International Cooperation Team
Bill Brennan, NOAA
Daniel Reifsnyder, DoS

Executive Secretary
Carl Sullivan, NOAA