"Structural Dictionary" for IGBP-related projects/programs:

ICSU – International Council for Science = parent organization of IGBP
ESSP – Earth Systems Science Partnership = partnership between:
   IGBP – International Geosphere Biosphere Program
   WCRP – World Climate Research Program
   IHDP – International Human Dimensions Program
   DIVERSITAS – a program addressing Biodiversity issues

Joint Projects under the ESSP:
   GCP – Global Carbon Project
   GECAFS – Global Environmental Change and Food Systems
   GWSP – Global Water Systems Project
   START – SysTem for Analysis, Research, and Training

IGBP SC Tasks/Framework Activities:
   PAGES – PAst Global changES
   AIMES – Analysis, Integration and Modeling of Earth Systems
   {GAIM – Global Analysis, Integration and Modeling: evolved into AIMES}

IGBP Core Projects:

Land:
   GLP – Global Land Project
   {GCTE – Global Change & Terrestrial Ecosystems – part of GCP; ended 2003}
   {LUCC – Land-Use and Land-Cover Change – ended 2005}

Oceans:
   GLOBEC – Global Ocean Ecosystem Dynamics; joint IGBP, SCOR
   IMBER – Integrated Marine Biogeochemistry & Ecosystem Research; joint IGBP, SCOR
   {JGOFS – Joint Global Ocean Flux Study – ended 2003}

Atmosphere:
   IGAC – International Global Atmospheric Chemistry

Land-Atmosphere Interface:
   ILEAPS – Integrated Land Ecosystem-Atmosphere Process Study
   {BAHC – Biospheric Aspects of the Hydrologic Cyle – ended 2002}

Ocean-Atmosphere Interface:
   SOLAS – Surface Ocean Lower Atmosphere; joint IGBP, WCRP, SCOR & CACGP

Land-Ocean Interface:
   LOICZ – Land-Ocean Interactions in the Coastal Zone; joint IGBP, IHDP

WCRP Core Projects:
   CLIVAR – Climate Variability and Predictability
   CliC – Climate and Cryosphere
   SPARC – Stratospheric Processes And their Role in Climate (a project of the WCRP)
   GEWEX – Global Energy and Water Cycle Experiment
   COPES – Coordinated Observation and Prediction of the Earth System (a WCRP strategy)

Other Acronyms:
   CACGP – Commission on Atmospheric Chemistry and Global Pollution
   IAMAS – International Association of Meteorology and Atmospheric Sciences
   SCOR – Scientific Committee on Oceanic Research
   IGOS – Integrated Global Observing Strategy
   IGACO – Integrated Global Atmospheric Chemistry Observations
A great resource for scientific acronyms, maintained by CSIRO:

An extension to the Acronym Dictionary…
Based on a talk given by Berrien Moore at the 2005 IGBP SC meeting

GEO Group on Earth Observation
   GEOSS Global Earth Observation System of Systems
   http://earthobservations.org/default.asp
IGOS Integrated Global Observing Strategy
IGOS-P (IGOS-Partners)
   http://ioc.unesco.org/igospartners/igoshome.htm
IGOS seeks to unite and guide the major satellite and surface-based systems for global environmental observations of the atmosphere, ocean and land. Implementation is through IGOS partners
IGOS-Partnership:
   ~ Space Agencies, via Committee on Earth Obs Satellites (CEOS)
   ~ Global Observing Systems
      > Global Ocean Observing System (GOOS)
      > Global Terrestrial Obs System (GTOS)
      > Global Climate Obs System (GCOS)
   ~2 major research programs IGBP and WCRP
   ~ International Group of Funding Agencies (IGFA) and Int'l Council for Science (ICSU)

IGOS-P Themes
   IGACO Theme: Integrated Global Atmos Chem Observation theme
   IGCO Theme: Integrated Global Carbon Observation theme
   etc…

→ These themes are being looked at by the space agencies in terms of where they are going to spend their money.
→ The thought is that the GEOSS document is going to give rise to an organization, housed at the WMO. 10 people and annual budget of ~3.5M USD