National Coordination Mechanism for the GWP

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Overview – GEO Work Programme (GWP)

- Core of GEO’s effort to improve open Earth observations’ (EO) availability, access, and use.
- Primary instrument for collaboration among the GEO community on activities to realize GEO’s Mission and Vision.
- Opportunity for countries to access EO data, tools and services for decision-making and to address challenges.
- Impact-driven GWP at the country level may require an anchor in the form of an effective national coordination mechanism (NCM).
National Coordination Mechanism (NCM)

- Structure or system set up to help coordination and collaboration among various stakeholders to deliver identified national priorities

- Stakeholders may include government agencies, the private sector, civil society, and non-governmental organizations.

- Examples of national coordination mechanisms in different countries
  - National Steering Committees
  - National Tasks Teams
  - National Information Sharing and Analysis Centers
  - Inter-Ministerial Committees
  - National Emergency Team
  - National GEOs
A National Coordination Mechanism for Earth Observation

- Reduces duplication
- Harmonizes data and brings coherency
- Facilitates fit-for-purpose data and services
- Promotes co-development and ownership
- Leverages existing capacities
- Maximizes return on investment
GEO Efforts through NCM

• GEO National Coordination Mechanism Strategy
  ➢ Documentation of National GEOs’ experience
    ▪ Canada GEO; China GEO; Japan GEO; SA GEO; UK GEO; US GEO

• National GEO side events and sessions
  ➢ Physical meetings
  ➢ Virtual peer-to-peer meetings

• Strengthening/establishing coordination for demand-driven and impact-oriented national GEOs

• Guidance document on strengthening/establishing national GEO (In progress)
GEO Work Programme Opportunities for National GEOs

- GWP resources as guidance and framework
- Resources for capacity development (data and services)
- Foster partnerships to co-design and co-implement initiatives
- Active participation in GWP activities by pooling resources, and expertise
- Provide policy recommendations based on the latest scientific knowledge and EO data.
Resources

- GEO Work Programme
  - Activities – Flagships, Initiatives, Pilots
  - Working Groups
  - Regional GEOS

- GEO Knowledge Hub

- EO Maturity Indicator Methodology

- GEO Data Management and Sharing Principles

- GEO Secretariat Support
  - National Coordination Mechanism Strategy
  - Guidance Document for National GEO
  - National GEO Virtual Meetings - Learning and knowledge exchange calls
  - Partnerships among GEO Participating Organisations (POs) and GWP Activities. E.g GPSDD and GEO LDN
How do National GEOs Support the GEO Work Programme?

- Data Collection and Sharing with the GEO community - e.g., US GEO; UK GEO; SA GEO

- Policies and strategies aligned with GEO’s objectives - e.g.,
  Canada GEO - Strategy for Satellite Earth Observation,
  Japan GEO - 10-year Implementation Policy on Earth Observations

- Mobilizing resources for GEO projects and initiatives - e.g.,
  Canada; UK; US; South Africa

- Capacity building and training programs to enhance GEO-related skills and knowledge

- Support for GWP - e.g. US GEO - Programme Board, Engagement Team, GEOGLoWS, Working Groups, UK GEO – Programme Board, GEOGLAM, Working Groups
GEO Flagship
Country Coordination

**GEO Land Degradation Neutrality (GEO LDN)** –

Supports the provision and use of EO datasets to achieve SDG target 15.3.1 on Land Degradation Neutrality.

Leverage **Global Partnership for Sustainable Development Data (GPSDD)** – Capacity Accelerator Network (CAN)

Deploy GEO LDN tools, and training resources with the support of the **Regional Help Desk at the Regional Centre For Mapping Of Resources For Development (RCMRD)**
National GEO Challenges and Opportunities

- Mandate
- Funding
- Leadership Buy-In
- Sustained Engagement
- Multiple Levels of Involvement
National GEOs – Insights and Experiences

Canada GEO, China GEO, Japan GEO, SA GEO, US GEO and UK GEO

- Creating a forum for agency collaboration on GEO activities
- Enabling countries’ representation and consistent messaging to GEO
- Increasing cost-effectiveness and other efficiencies through collaboration and joint funding
- Developing joint workforce training programs (ex. InterAmerican Academy)
- Agencies are involved in several Work Programme Activities and Programme Boards and Working Groups
National GEOs can

- Help establish mechanisms for coordinating sharing and using GWP resources
- Promote collaboration among national stakeholders, encouraging them to work together on GEO-related initiatives.
- National projects and initiatives are aligned with the priorities and objectives of the GEO Work Programme.
- Serve as advocates for GWP and its objectives at the national level
- Enable more inclusive and effective GEO Work Programme engagement and review
Thank you

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