



## Title of the Session:

### Data and Knowledge Platforms for Land Monitoring: Tools, Policies, and Promising Pathways

#### 1. Introduction and Rationale:

More relevant to the G20 Global Land Initiative (G20-GLI) is **tracking countries' commitments to land conservation and restoration, as well as documenting best practices, and success stories on land restoration, progress-made, results achieved, and lessons learned**, which requires reliable and relevant data accessible to researchers and decision makers concerned with the Global Initiative for Reducing Land Degradation and Enhancing Conservation of Terrestrial Habitats. At present whatever limited data relevant to the matter are in general spread through various institutions, local entities and individuals and not necessarily readily available for those involved in analyses and policymaking.

In recent decades, the advent of geospatial technologies has enhanced data accessibility, supporting efforts to accelerate the exchange of geospatial data, earth observation data, best practices for land conservation and restoration. Data and knowledge platforms are crucial in providing stakeholders with the information needed to make informed decisions. These platforms facilitate the collection, integration, analysis, and dissemination of land-related data, ensuring transparency and accessibility.

This presentation will showcase pivotal data platforms that play a critical role in addressing various challenges concerning data, tools, and the accessibility of knowledge. These platforms are essential in facilitating global access to data for sustainable land management. They serve a vital function in compiling diverse datasets, integrating information from multiple sources, conducting comprehensive analyses, and effectively disseminating land-related data.

Through their efforts, these platforms ensure transparency in data handling, enhance accessibility to crucial information, and make evidence-based insights readily available. This support is instrumental in promoting effective practices for managing land sustainably, thereby contributing significantly to global efforts in land management and environmental stewardship.

#### 2. Key Themes and Discussion Points:

- a. **Data Challenges in Land restoration** : Exploration of the diverse challenges related to collecting, managing, and utilizing data for effective land management practices.
- b. **Role of Data Platforms**: Discussion on the critical role that data platforms play in compiling, integrating, analyzing, and disseminating land-related data. And exploration of innovative



tools and technologies that enhance data accessibility and support evidence-based decision-making in sustainable land management.

- c. **Transparency and Accountability:** Examination of how data platforms contribute to ensuring transparency, accountability, and reliability in land-related data.
- d. **Collaboration and Partnerships:** Discussion on the importance of collaboration and partnerships among stakeholders, including governments, NGOs, academia, and private sectors, in leveraging data platforms for sustainable land management.

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