Building New Capabilities for Integrating Data on Earth, Space and Environment - Location Index Project

Everything happens at a place or location

In 2018, the Location Index (LOC-I) project was initiated as part of the Data Integration Partnership for Australia (DIPA) program aiming to build a framework that:

- supports critical government decision making;
- contributes significantly to economic, social and environmental sustainability
- integrates data on people, business, and the environment

The Loc-I Objectives:

- stable, persistent and repeatable access to data
- standardised governance and transparency in data management
- increased interoperability
- enhanced information sharing
- reduced complexity and improve efficiency
- governed and managed federated supply chains

Building GIS without GIS

Semantic Integration of Linked Data

This GIS without GIS framework brings together modern technological approaches of Linked Data and Discrete Global Grid Systems (DGGS). The project also addresses important aspects of Social Architecture to ensure relevance, transparency, openness and accessibility of multidisciplinary data for the Australian Government and non-government users.