LANDSENSE

A Citizen Observatory and Innovation Marketplace for Land Use and Land Cover Monitoring

Secure Dimensions

The LandSense Federation – A solution for GEOSS Data Sharing?

GEO XIV – Washington D.C.

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Engagement in LandSense

- Participate as citizen scientist

- Engage as application developer

- Use LandSense apps, services, APIs and data sets

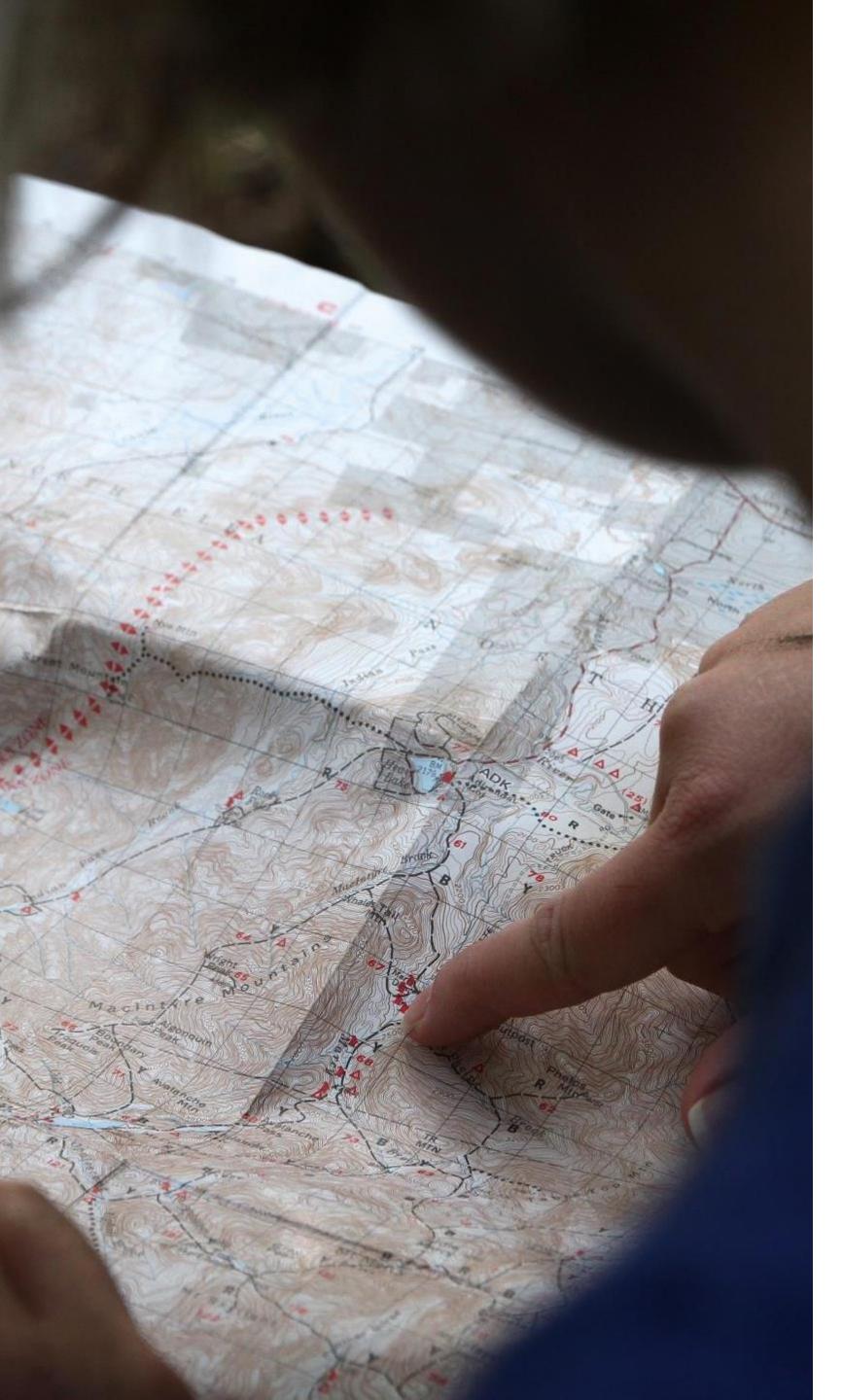- Provide services, APIs or other tools

The LandSense Federation

- Expanding the modern marketplace concepts from Google et.al. with SAML2 compliant authentication

- Login options with LandSense partners, Google, Facebook and Academic Federations* via eduGain
  *: Currently connected to DFN-AAI test system

- LandSense Authorization Server is the central place to register your applications for improving LULC -service providers do not register!

- LandSense Authorization Server is brokering federation identities to OAuth2 for access to protected resources (i.e. services and APIs)

A solution for GEOSS Data Sharing?

› Requires GEO to operate a coordination center and manage the Circle of Trust in the federation

› Login options with GEO partners, Google, Facebook and Academic Federations via eduGain

› GEO Authorization Server is the central place to register applications for boosting the use of GEOSS - service providers do not register!

› Service Providers can simply accept OAuth2 access tokens released by the GEO Authorization Server and make access decisions for protected resources

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