



Netherlands
Space
Office

CGS / Data Portal NL status 10/2022

Raymond Sluiter
Netherlands Space Office
11-10-2022





NL Overview

- At present no CGS established
- Since 2012 “Pre-Copernicus” Satellite Data Portal (contributing missions)
Characterised by:
 - High-res radar data: Radarsat 2 @5x5 m (MDA)
 - High-res ARD optical data: Superview/GaoJing (HEAD Aerospace)
 - Sentinel User Stories
 - NL territory only
 - Basic access for NL entities (FTP, HTTP, API, WMS)
 - Several user domains
 - Prolongation per x years

<https://www.satellietdataportaal.nl/>



The Platform Jungle

Copernicus Hubs
Copernicus Services
DIAS > (DAS)
TEP's
CGS
Data Cubes
GEE/AWS/MS
EOSC
(DestinE)





NL Way forward

“Optimal use of and contribution to federative data platforms”

- Continue the provision of VHR products in NL (“contributing missions”) as part of georegistrations related to Aerial Photography.
- Focus on processing & analysis of open EO data in (federative) cloud platforms.
- Promote the existence of EO data platforms to the NL-users (website, events).
- Promote the NoR to the NL-users (website, events).
- Cooperate with existing member state CGS’s operating in the same geographical, thematic or scientific domain.
- Share NL knowledge in cooperations with CGS’s (processing, HPC, domain knowledge)
- Facilitate the build-up of a multi-domain scientific EO user community, using and contributing to EO cloud platforms (NL EO landscape is fragmented)
- Use Destination Earth as linking pin in the EO user community and national data infrastructures.
- Consider a CGS-agreement based on the emerging user needs from the “EO platform community”



<https://www.surf.nl/en/agenda/seminar-digital-twins-for-earth-sciences-how-to-prepare-your-infrastructure>

 All events


 Seminar


Seminar Digital Twins for Earth Sciences: How to prepare your infrastructure?


Destination Earth is a major European program to build Digital Twins of Earth for a sustainable future. It will deliver huge data amounts to support research and policies. This seminar introduces the concept of Digital Earth Twins and we discuss together how the Dutch research community can prepare their infrastructure to make full use of the data.

Register



 21 Nov 2022

 11.00 to 16.30

 SURF office, Utrecht

Register 

Event type

Seminar

Prerequisite knowledge

No prior knowledge required

Costs

None

Destination Earth



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