Committee on Earth Observation Satellites

Cote d'Azur University - Academy 3
WG Disasters Conference
October 3rd 2022

DINAMIS: EO imagery for French and foreign institutional users

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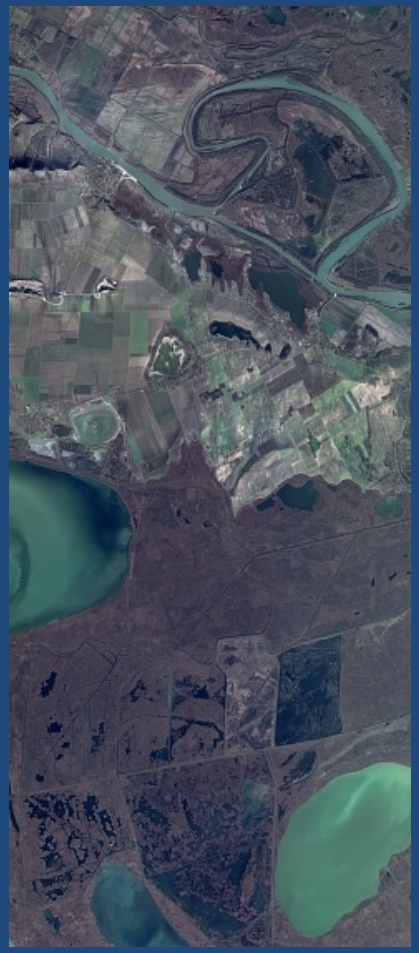
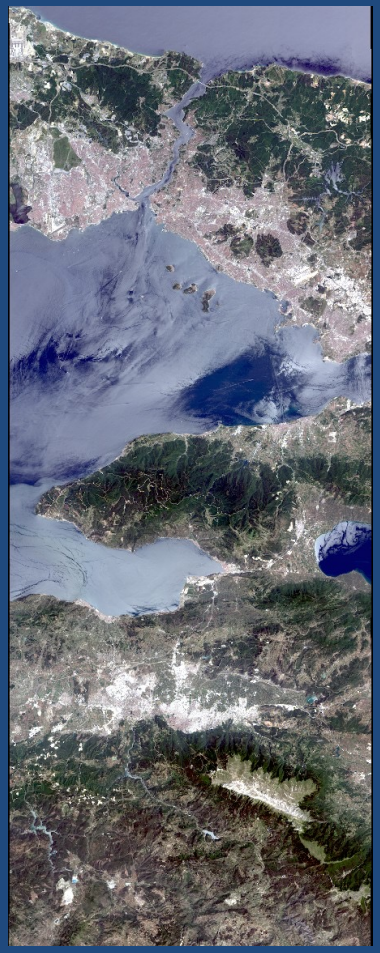
WG Disasters meeting#18
Nice, 3-7 October 2022

Access to data is quite complicated



Pléiades@CNES, 2015, Distribution Airbus DS



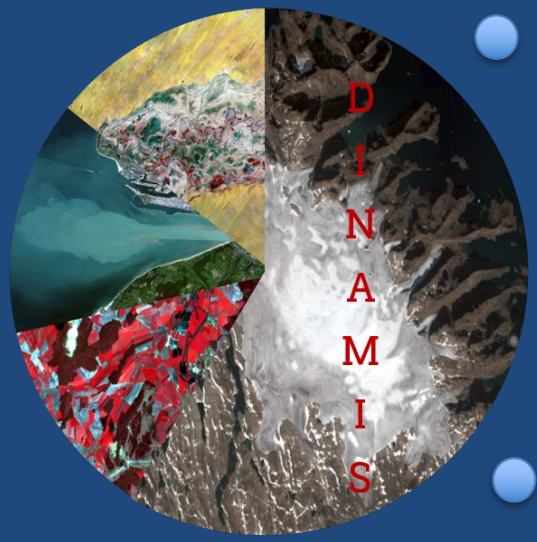
Spot @Airbus DS

Pléiades@CNES, 2015, Distribution Airbus DS

We are helping with this

Who are we?

French national facility for institutional procurement of VHR satellite imagery



- Created in 2017
- On the initiative of 6 French highly regarded partners :
  CNES, CNRS, IGN, IRD, CIRAD, INRAE
- For an unique and central data access

Propose

- Data for institutional users (public, scientist), for research and innovation
  - Earth Observation satellite data
- Very High Resolution images

What exactly?

- Raw satellite data (Pléiades/Spot 6-7) (geometric and radiometric pre-processing included)
  - Free download data from DINAMIS Catalogue
- New data acquisition* based on free quota** completed by co-financing or institutional pricing in case of quota overshooting

* Pléiades/Spot 6-7 tasking and archive

** Not fixed

For which users?

Authorized **I**nstitutional **U**sers (**AIU***)
(the French Pléiades Public Service Delegation)

- French scientists (European/international subject to condition)
- French public actors
- French private companies for R&D activities

***AIU** : French institutional bodies, (governmental, ministerial, regional, departmental, territorial, communal, university, laboratory scientist, educational institution,…), associative organism with a public mission

How does it work?

3 main steps

1. Your organism must adhere to DINAMIS: signature of DINAMIS Charte. Online registration - Validation by DINAMIS within 48h
2. Create your user account (individual, professional mail address)
3. Consult DINAMIS Catalogue. Free images download

And if needed: new images creation demand (archive and/or tasking)

Free allocation, free quota, over-quota

DINAMIS Catalogue: free images

Archive images* and satellite tasking: free quota

Pléiades	Per user/demand	Spot 6-7
Scientist: 4 500 sq.km Public actors: 3 500 sq.km	▪ French institutional ▪ French R&D	**10 telemetry credits (36 000 sq.km)**

Over quota

French scientist	1 € / sq. km	French institutionnel (scientist+public)
French public actors French private companies	1,4 € / sq. km archive 1,8 € / sq. km tasking	20 credits more: 20 k€ 50 credits more: 50 k€

*Referenced images in Airbus Catalogue

Current images offer

Available in DINAMIS Catalogue

- Pléiades et SPOT 6-7 (worldwide)
- Pléiades annual coverage: French metropolitan and Guyana littoral, overseas departments
- SPOT 6-7 annual coverage for French metropolitan
- Complementary high resolution images
  - Spot World Heritage Program (Spot 1-5)
  - PEPS platform (Sentinel 2)
  - Kalideos Project (RapidEye, CosmoSkyMed, Aster, TerraSar-X)

On request

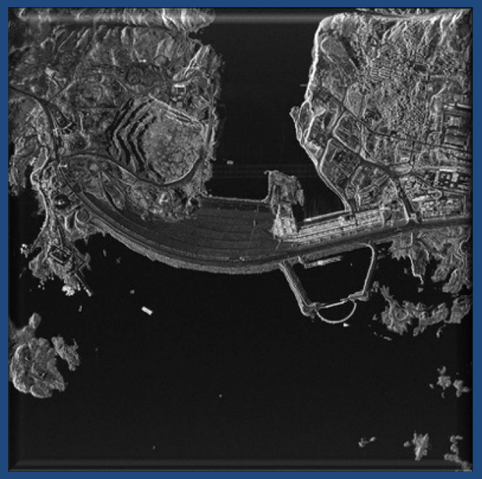
- Pléiades
- SPOT 6-7

Tasking around the world

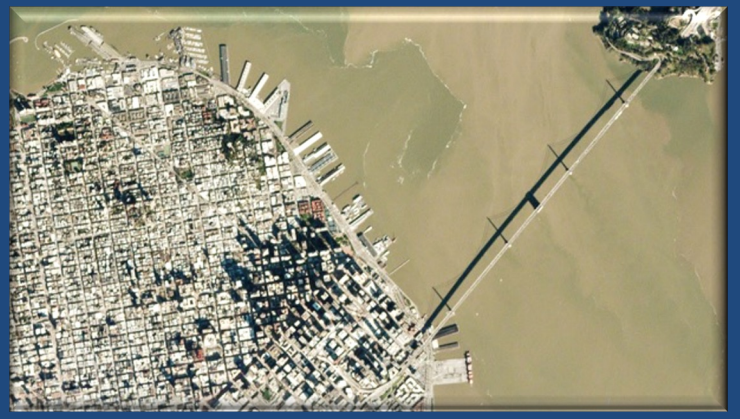
Referenced images in Airbus Catalogue

Tomorrow offer

Pléiades-Neo 30 cm

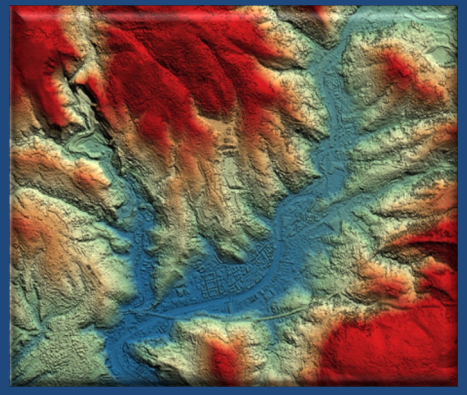


TerraSarX 25 cm à 40 m



Planet 0,6-1m

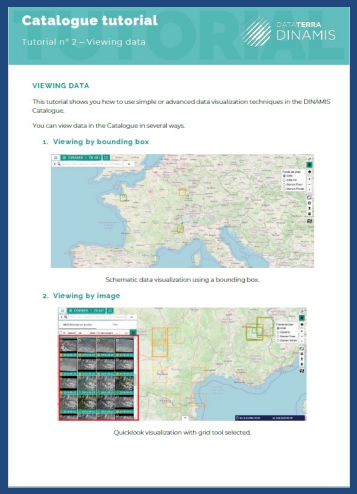
Jilin 0,5-3m

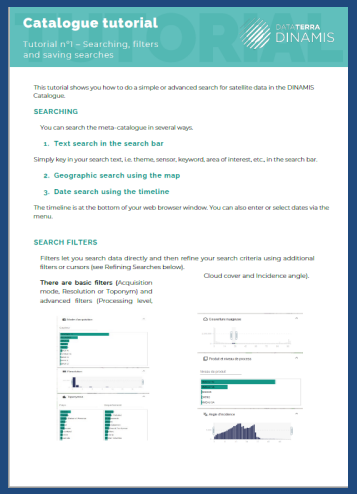


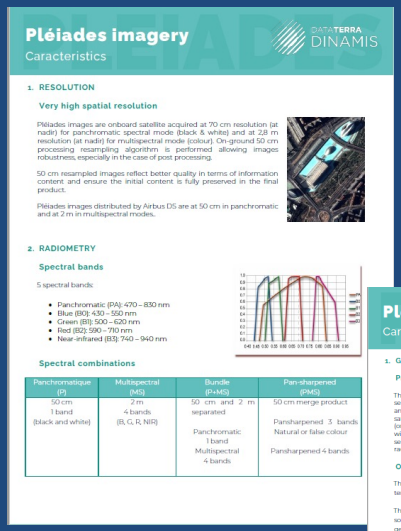
CO3D – MNS 1m

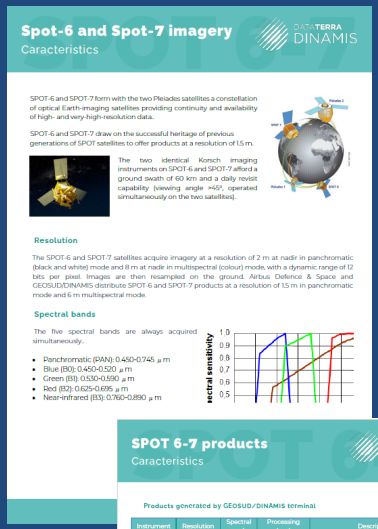
Factsheets and tutorials

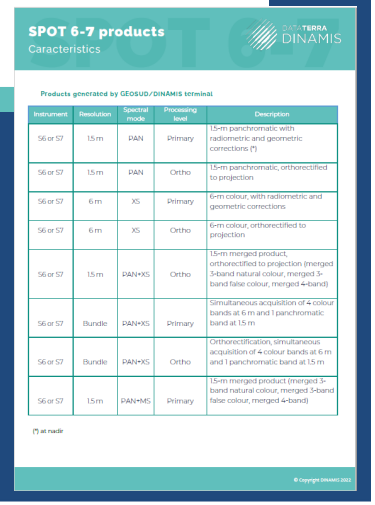
- Data features: Pléiades & Spot 6-7 imagery/products
- Data access: Catalogue tutorials











Keep up-to-date

- Website: https://dinamis.data-terra.org/
- Catalogue: https://catalogue-dinamis.data-terra.org/
- On line request Application: http://application-dinamis.data-terra.org/login

- LinkedIn: https://www.linkedin.com/company/dataterra-dinamis
- You Tube: https://www.youtube.com/channel/UC5uatLlrr4s3lc38TYQbIug

- Dedicated form: https://dinamis.data-terra.org/contact/

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Our priority issue

To best help you to make your project successful

CEOS

DATATERRA DINAMIS