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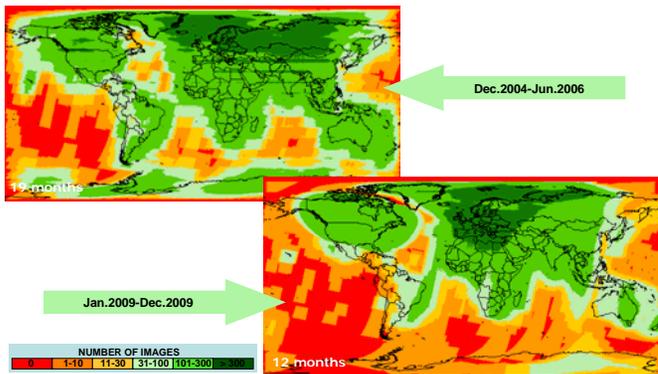
1. Introduction – GlobCover in a nutshell

Global Land Products (land cover and composites) using ENVISAT MERIS data at 300m

- First implementation by the consortium of MEDIAS-FRANCE (2005-2008)
- Previous project concluded successfully on October 2008 (see Arino et al. 2008).
- Provided the most detailed Global Land Cover Map for 2005-2006, available in 300 m.
- Demonstrated a semi-automatic service for operational Global Land Cover maps creation
- Free-release policy to the users through Ionia server

3. MERIS FRS Input data acquisition

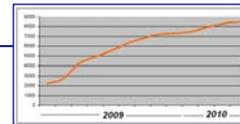
Global coverage with MERIS FRS data



2. Why still GlobCover?

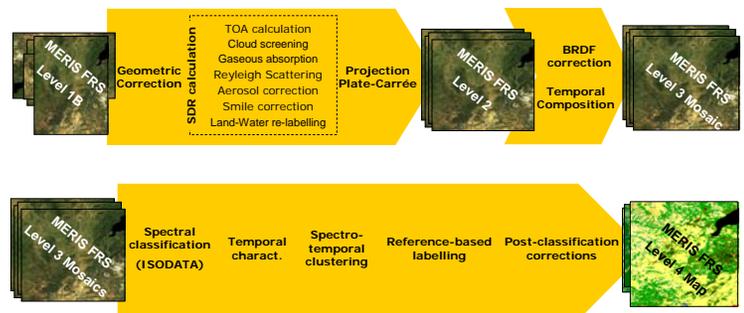
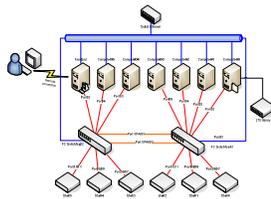


- GlobCover v2.2 was a great success
- More than 8000 users have downloaded the product (based on IP tracking)
- Interest from a large and diverse user community (from science to publishing)
- Land cover is dynamically changing → update is needed



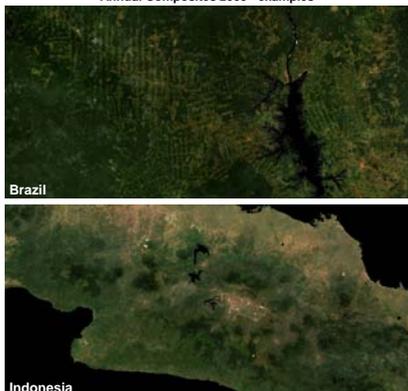
4. The GlobCover System

- Three components: (i) Software, (ii) Execution Environment, (iii) Hardware
- Received in ESRIN and set up in September 2009
- Produces 2 sets of products: Composites and Land Cover Map



5. Products & Current Status

Annual Composites 2009 - examples



- First results have been presented in the ESA Living Planet Symposium 2010 in Bergen (see Arino et al. 2010).
- Annual and bi-month MERIS composites have been produced and are available without charge.
- Current status: The new Global Land Cover map is expected.

Bi-Month Composites 2009



6. Release Information

- Register to Ionia GlobCover
- Get free-access to the new Composite products
- 2009 MERIS composite products are available

<http://www.esa.int/ue/tonia/globcover>

7. References

Arino, O., Bicheron, P., Achard, F., Latham, J., Witt, R., Weber, J.L., 2008. Globcover: the most detailed portrait of Earth. ESA Bulletin 136, ESA.

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