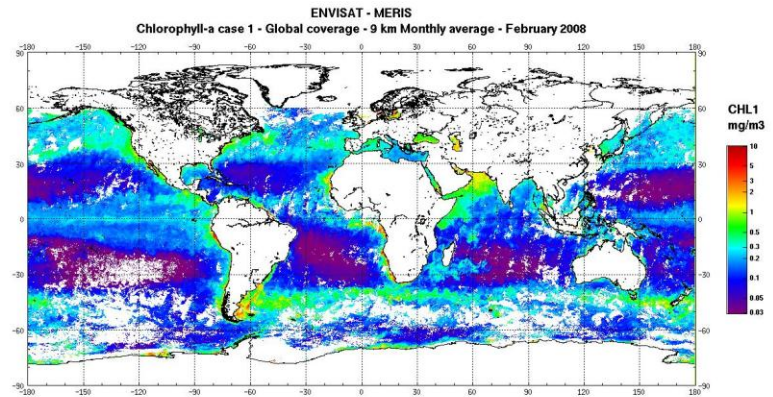

ESA's role in CEOS for GEO Plan ESA-led Category 1 actions

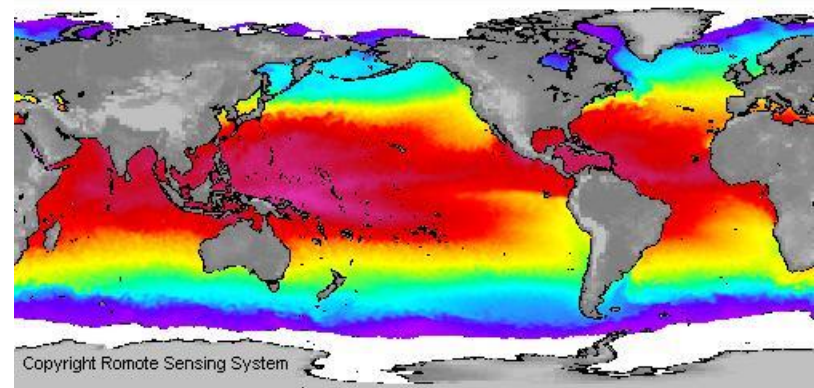
Volker Liebig
Director, Earth Observation Programmes
ESA/ESRIN

CLIMATE SBA

- CL-06-02 – Global datasets access for
 - **GlobCarbon** (fAPAR, Leaf Area Index, vegetation growth cycle, fire): 7 years accessible; 10 years as from June 2008.
 - **GlobColor** (10-yr ocean color dataset)
 - **GlobGlacier**
 - **Medspiration** (long-term SST record from ERS-1/2 and Envisat)
- CL-06-01 – Reprocess altimeter data and atmospheric products from Envisat
 - Usually done
 - Climate initiative will give ESA the mandate to do it



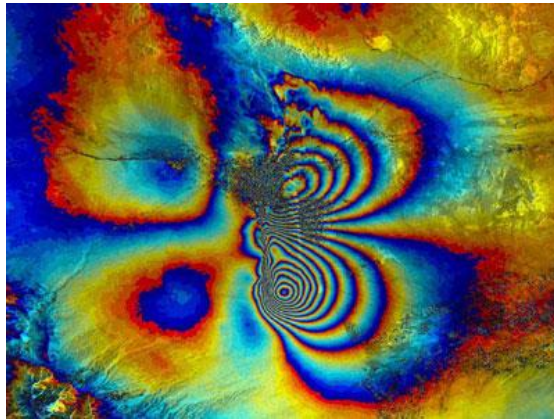
<http://www.globcolour.info/0>



<http://www.medspiration.org/>

DISASTER SBA

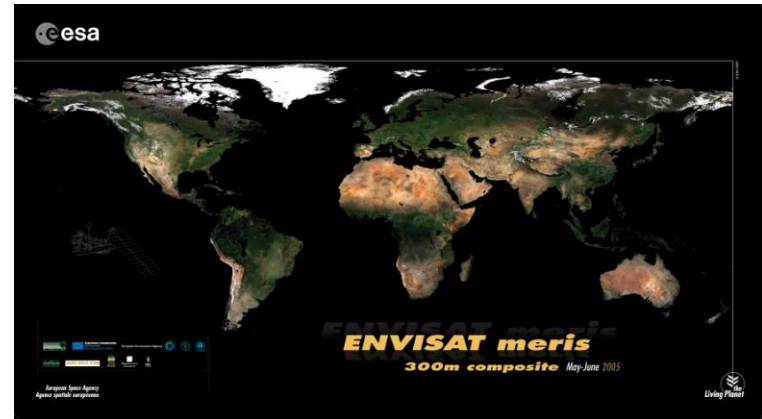
26 Dec 2003
earthquake at
Bam in Iran
(ASAR/Envisat)



- DI-06-03 – Integration of SAR technology for disaster warning and prediction
 - Action plan being prepared
- DI-06-09 – Improve access to disaster Charter data
 - ESA proposal debated at the Charter Board Meeting on April 16-17 in Montréal

ECOSYSTEMS SBA

- EC-07-01 – ESA to release GlobCover data
 - First Global Land Cover at 300 meters has been processed with MERIS data from 2005-2006 and is available to public since March 2008



<http://dup.esrin.esa.int/projects/summary68.asp>

WATER SBA

- WA-06-07 – Preparation of TIGER activities for 2008-2010 in collaboration with CEOS and African partners
 - Concept paper on TIGER Phase 2 jointly prepared with co-ordination Office; now under review
 - Presented at the African Water Week in Tunis, 26-28 March 2008
 - Official information and invitation to participate to be released to CEOS partners



TRANSVERSE

- DA-06-02 – Data Quality Assurance Framework and Guidelines
 - Consensus documentary framework discussed through two workshops
 - CAL/VAL Portal developed and open to the community
 - Calibration Test site study initiated by ESA
- DA-06-03 – Hold the 2nd GEO-CEOS Workshop on CAL/VAL
 - 2nd Workshop organized by ESA with NASA/NIST, to be held in Washington, DC, 1st week of May.