Why Data Democracy matters

28 space agencies (mostly from developed countries)

20 participating organizations

Group on Earth Observations

80 Governments and the European Commission
(mostly developing nations)
58 participating organizations

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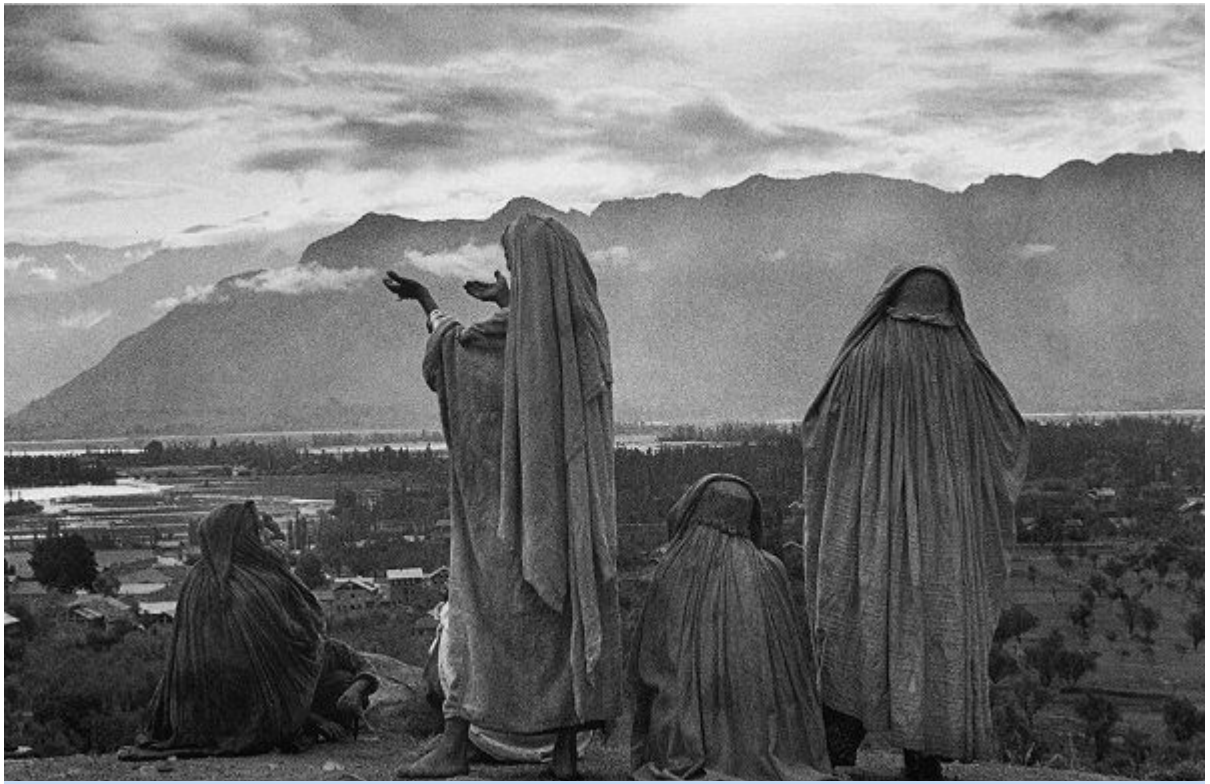
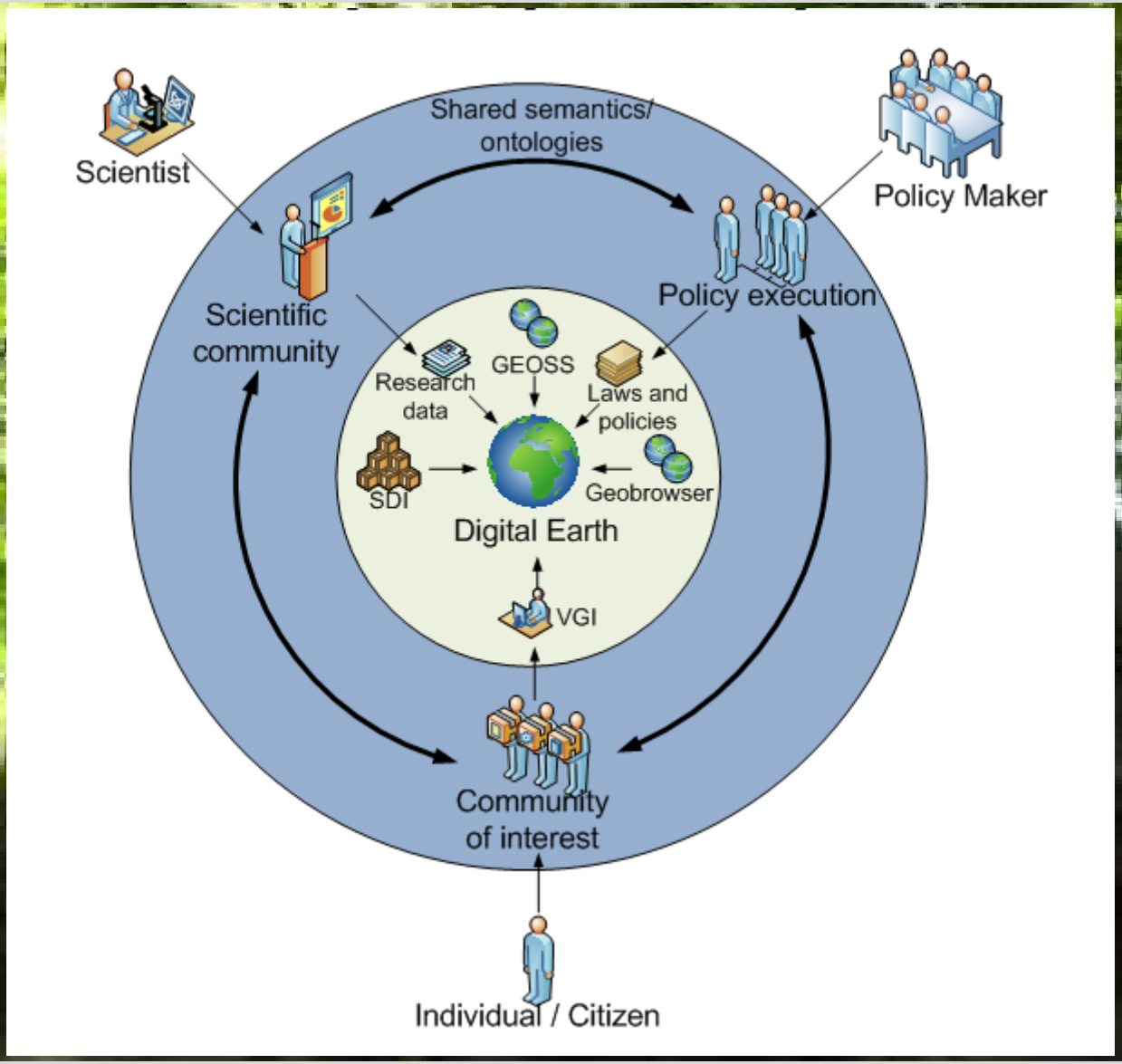


What´s in GEOSS for me?

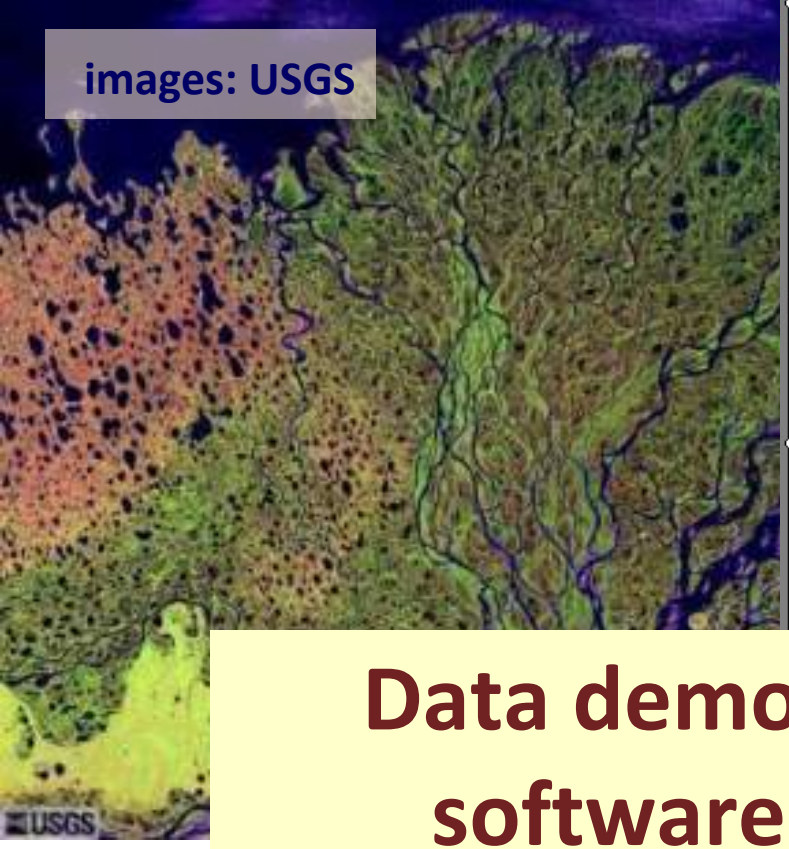
Sharing knowledge through GEOSS

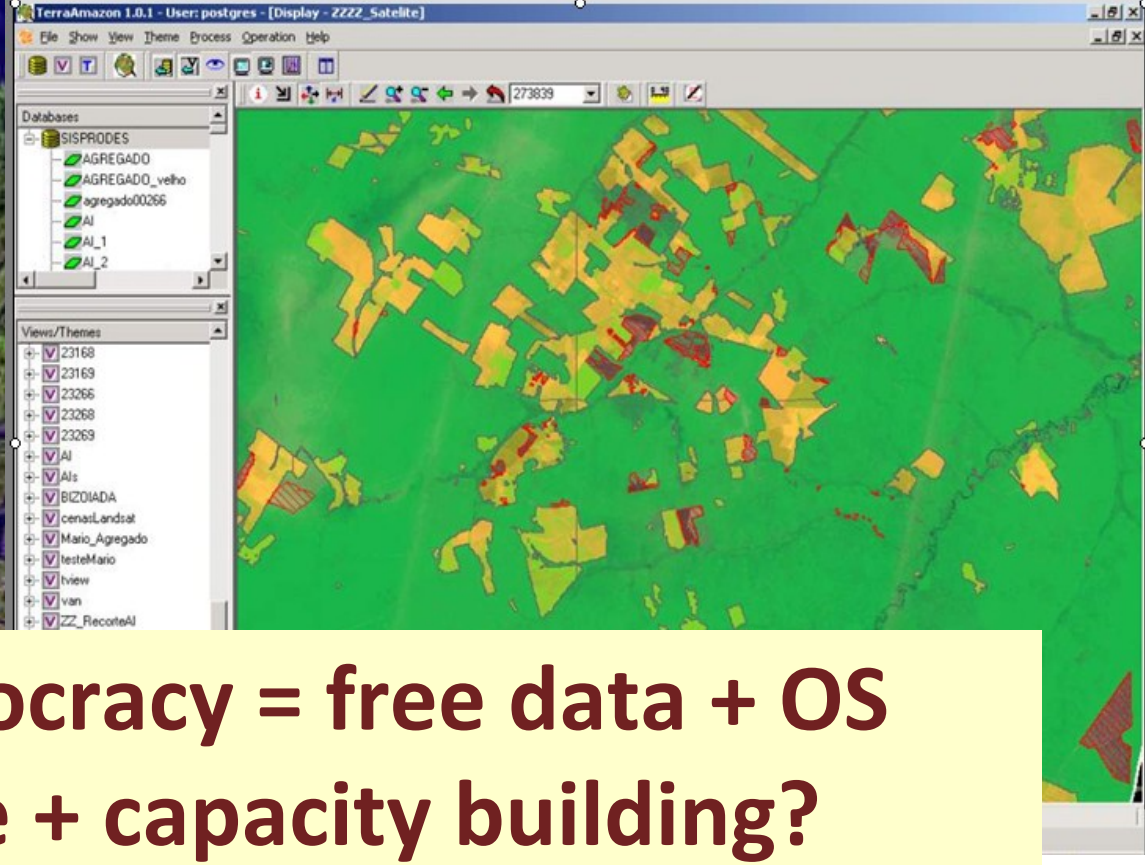


We need tools to share knowledge...

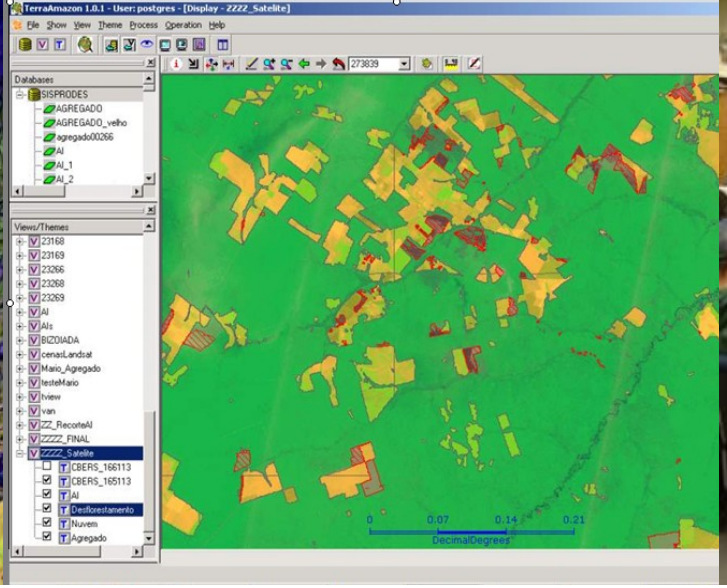
GEOSS´s promise is to become a treasure chest

Data Democracy is the key to open the GEOSS treasure chest





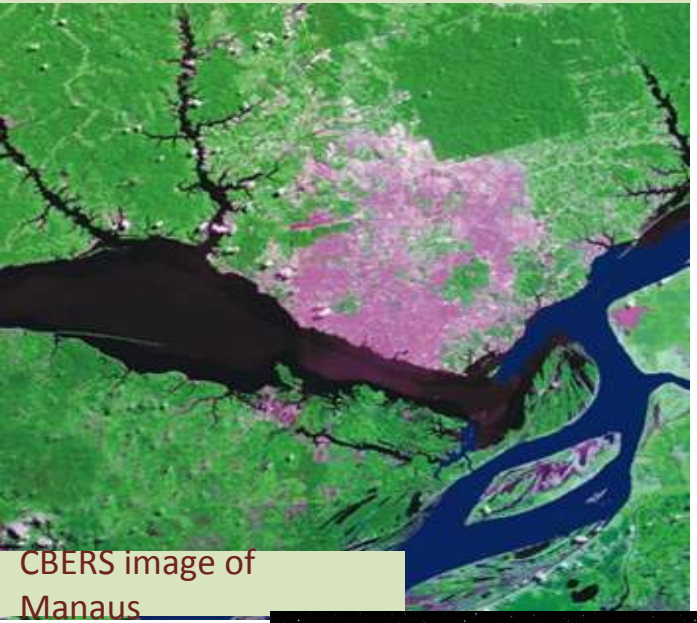
Data democracy = free data + OS software + capacity building?



Data democracy = community building

Open access data policy for optical data: a qualified success

CBERS-LANDSAT @INPE:
1 million images (2004-2009)



CBERS image of Manaus

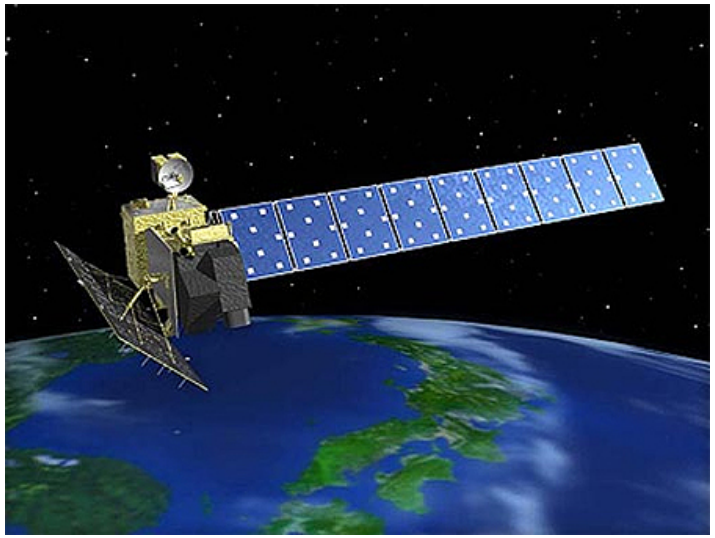
LANDSAT @USGS:
1 million images (Jan-Aug-2009)

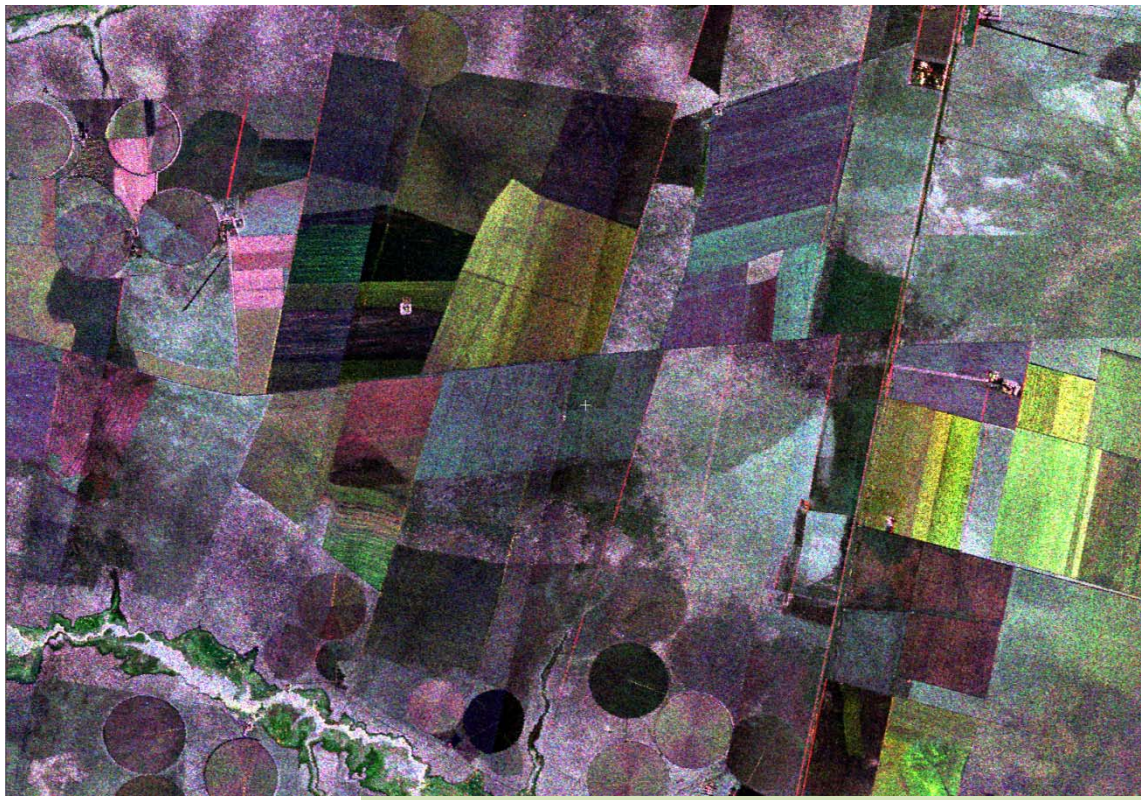
LANDSAT image of Guiné-Bissau

Sentinel-2

GMES Sentinels @ESA-EC:
Data will be open access (Sep 2009)

Open access data policy for radar data: a tough road ahead

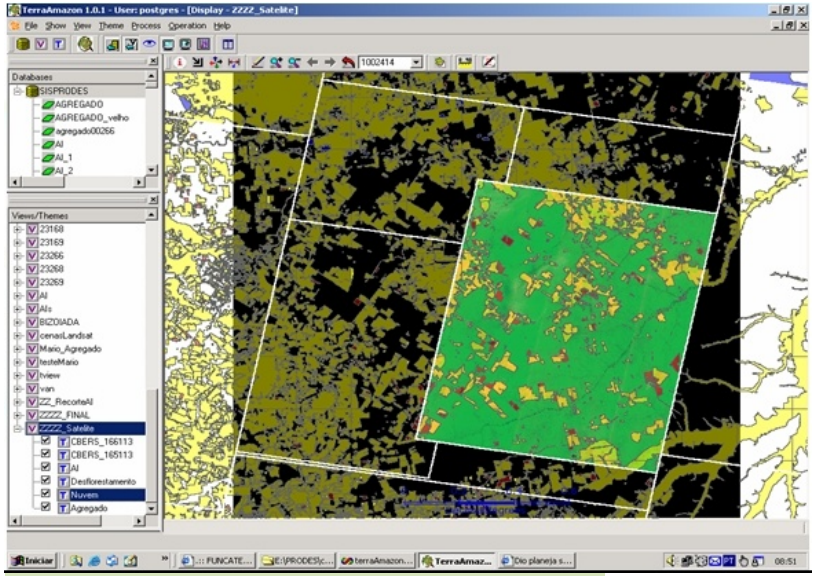




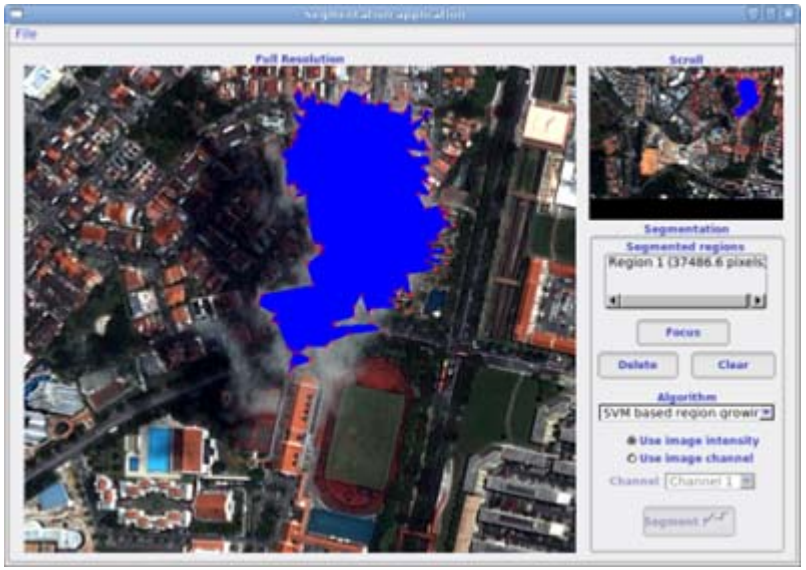
L-band SAR image (Bahia, Brasil)

Open access data policy for radar data: a tough road ahead

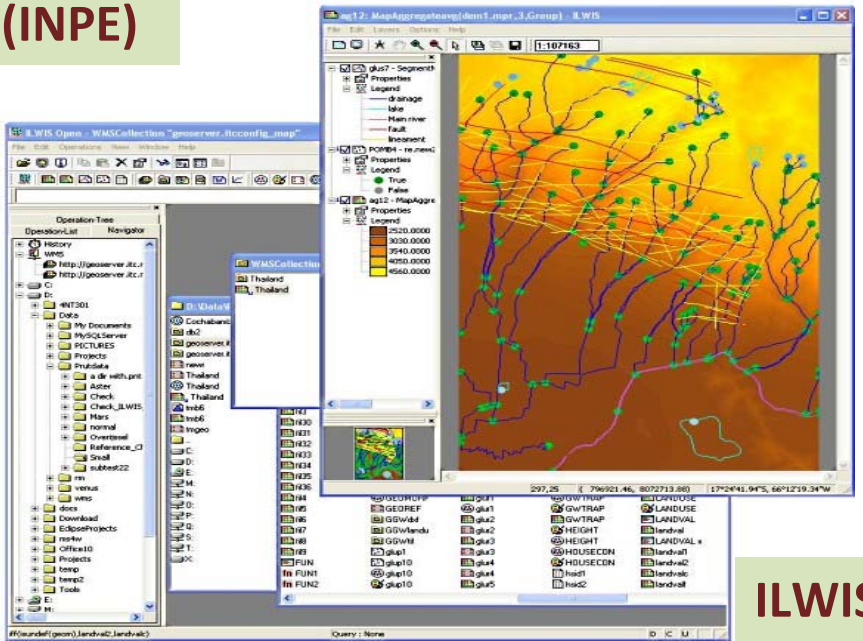
Open source software for EO data: More coordination is needed



SPRING + Terralib (INPE)



Orfeo Toolbox (CNES)



ILWIS (ITC - Netherlands)

How do we build an EO community in developing countries?

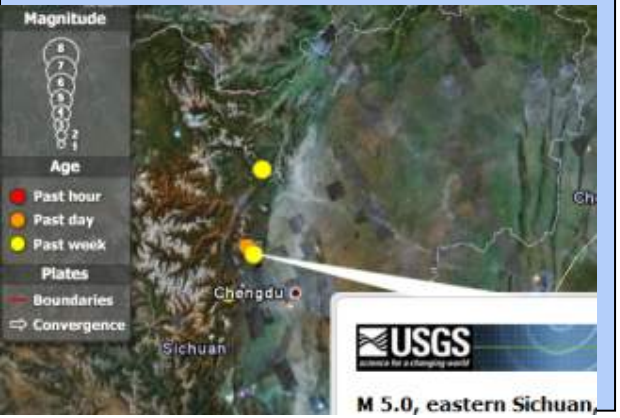
Use social collaborative tools and reach a critical mass

Virtual Globe = digital collection of data and services set within a global view of a world

Virtual Collaborative Globe = virtual globe that allows collaborative participation

Open Globes

Virtual Globes



GEO Group on Earth Observations

INPE

INSPIRE - Infrastructure for Spatial Information in Europe

USGS science for a changing world

NASA

Landsat Missions

Ordnance Survey®

OpenStreetMap

Wikimapia

Open Globes

Virtual Globes

visibility,
communication,
acessibility

Data + services
(can only be provided reliably by organizations that are trusted)

Scientists as policy-makers
(peer-reviewed results)

Citizens as sensors
(perception, individual actions)