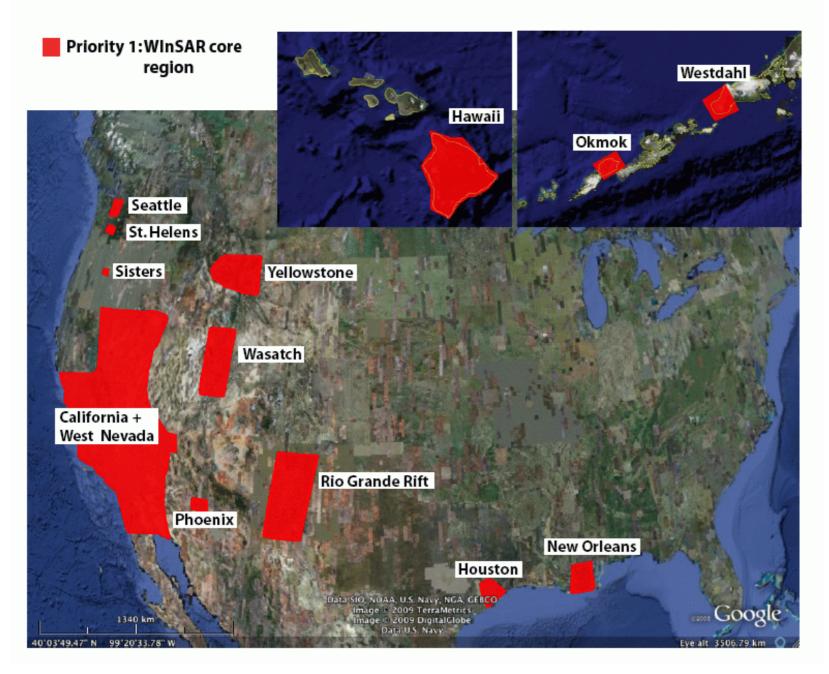
## 2009 WinSAR luncheon

- 1. Falk Amelung, State of WinSAR and Supersites
- 2. (?) Torild van Eck, European Plate Boundary Observatory (EPOS)
- 3. Fran Boler, Current status of WinSAR and GEOES archives
- 4. Vicky Wolf, Update from the ASF
- 5. David Sandwell, Earthscope and WinSAR
- 6. Paul Rosen: The status of ROI\_PAC
- 7. Scott Baker: getSAR

#### 2008 Strategic plan:

## **SAR data subscriptions**

### Envisat, ERS, <u>ALL</u> data, homogeneous catalogue



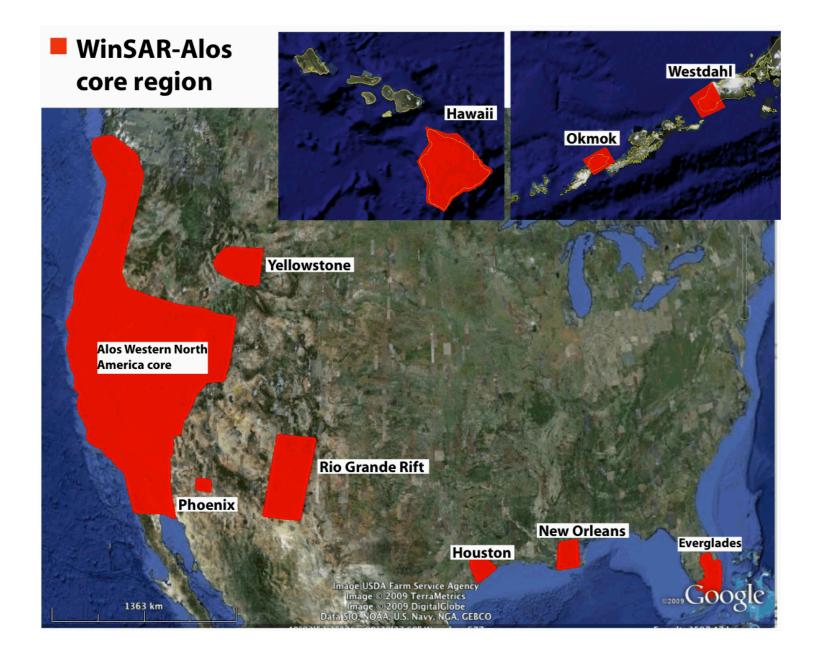
Envisat tasking: 2005-9/2008: GEOES 10/2008-4/2009: nothing 4/2009-9/2010: WinSAR

# Conflicts with JPL/NASA ocean monitoring

ERS-2 background plan

## pending NSF proposal

## **SAR data subscriptions** ALOS (ASF)



#### NASA U-pass proposal accepted !

## **Next Steps:**

## - Envisat new Orbit starting 10/2010

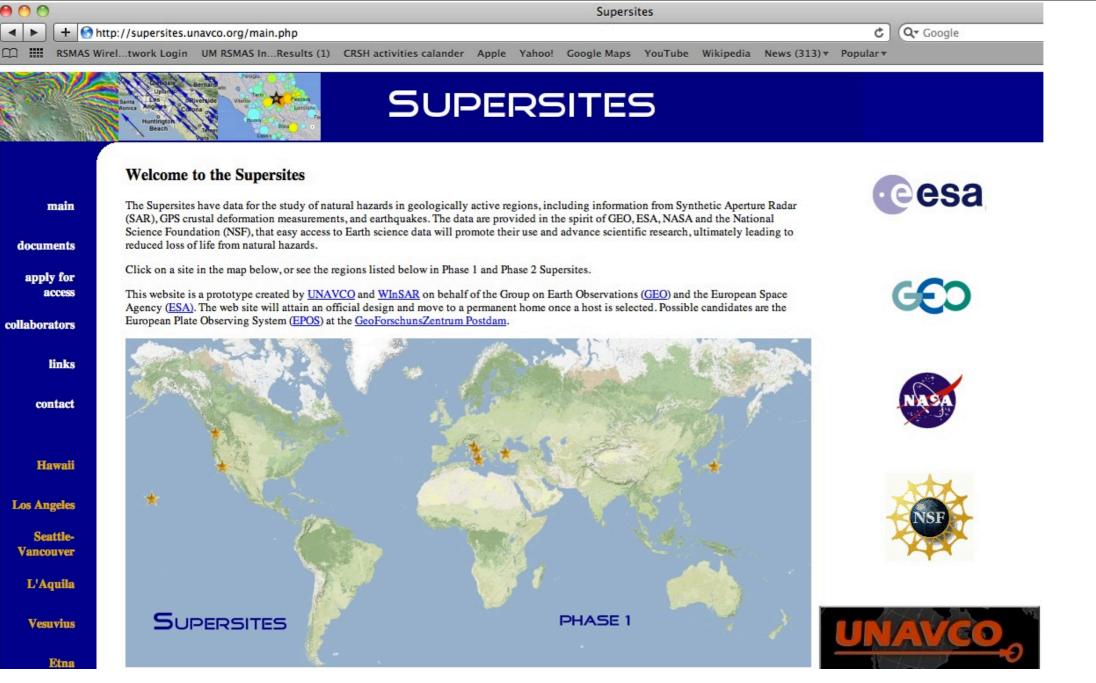
30 day repeat, inclination drift InSAR possible at Equator, US: 6 month temporal baseline ? \$200k/yr (tasking \$75k/yr, imagery \$75k/yr, Unavco \$50k/yr) (not budgeted for in WinSAR proposal)

## - ERS-2 until 2011

## - Sentinel starting in 2012

12 day repeat, largely fixed observation plan free, open data access maybe data for Earthscope region operational satellite, not R&D (GMES) operated initially by ESA, then by different agency

brochure (and powerpoint) with achievements, recommendations (splinter at Unavco Science meeting March 9-11 2010?)

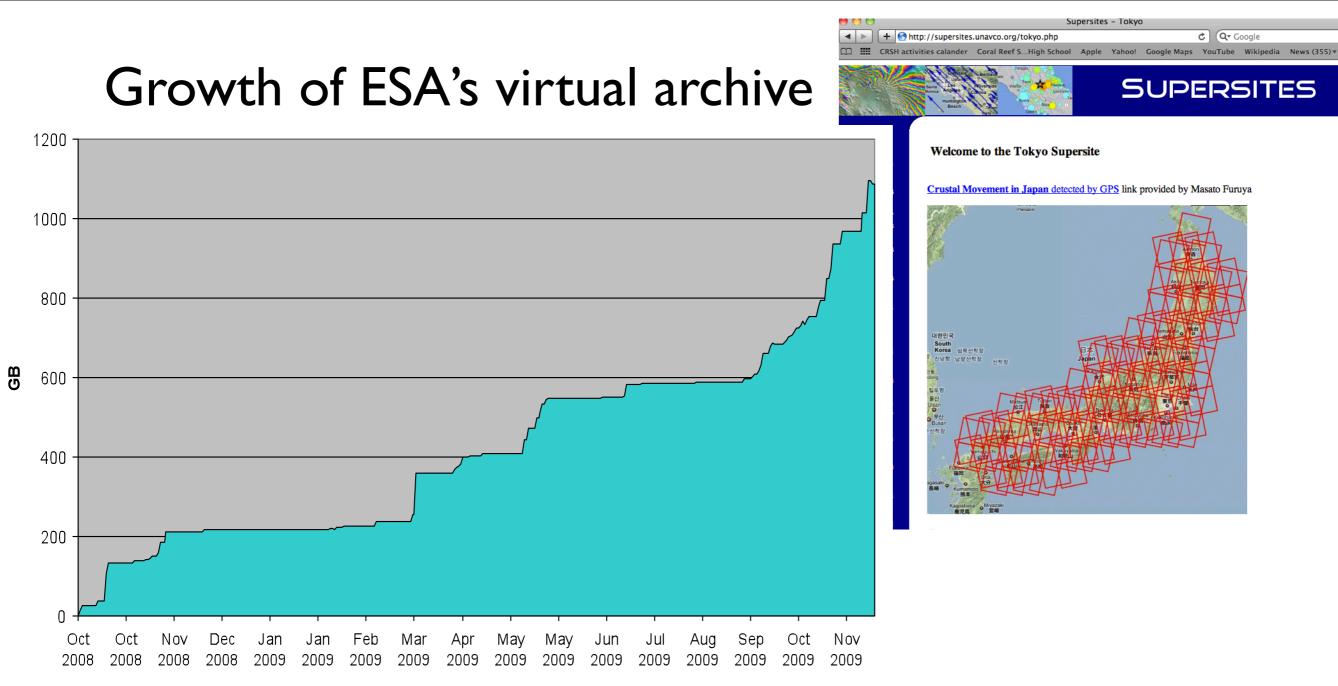


#### current status:

3 volcano Supersite candidates: Hawaii, Etna, Vesuvius/Campi Phlegreii 4 earthquake Supersite candidates: LA, Tokyo, Vancouver, Istanbul need Hawaii, Etna ground-based data DLR (TerraSAR-X), JAXA (ALOS) principally agree

#### Voluntary effort, no funding for Unavco

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Thanks to Suzanna Gross (UNAVCO) the archive is growing quickly:

→ 7000 ERS / Envisat SAR scenes are currently in the archive production

→ other Supersites are also continuously growing, with currently 3000 scenes in production

I. Supersite candidates

Unavco's tasks: -data ordering (updating subscriptions) -complete homogeneous data sets -website, GPS data archiving

principle:"peer pressure"

2. Natural laboratories (ground-based data, ESA SAR) in discussion: Iceland, Greece, East Africa, Turkey... principle: "if you contribute ground-based data you get the ESA SAR data"

## Next steps:

- White paper

- GEO Geohazard Community of Practice, Paris, Jan 18-21
- By-laws (governance structure, scientific and operational committee)
- Bergen "Living Planet" meeting, June 28- July 2 2010"