

UNAVCO 2014 Science Workshop:
WInSAR Special Topics Session report

WInSAR present plans for 2014:

- 1) Spend \$45k on new acquisitions and data purchase for TSX
 - 1) San Francisco Bay area
 - 2) Volcanoes in the lower 48 states
 - 3) Florida Sinkholes
 - 4) Subsidence in California Central Valley
 - 5) Newberry geothermal site
 - 6) Nevada geothermal sites
 - 7) North Texas earthquakes
- 2) Data access through NGA (National Geospatial Intelligence Agency)
- 3) Software: ROI_PAC wiki is available again thanks to UNAVCO:
temp: <http://aws.roipac.org/cgi-bin/moin.cgi> will replace <http://roipac.org> soon
- 4) InSAR short courses
- 5) Elections for officers starting in October

Community suggestions:

- Suggestion to convert ROI_PAC wiki to general InSAR wiki
- Coordination with EROS on access to NGA data? They are set up to access data post-event, especially very high-resolution optical images
- Add training on new data mode of Sentinel-1 SAR (TOPS) use and issues - do this as part of a future short course.
- Duplicate copies in the archive when searching with API are frustrating - can that be resolved?
- Archive question: do we want to maintain the swaths or go back and reorder everything as frames?
- Electro-optical data? Do we want to expand into that area?

Differencing services for optical data? Large amounts of Landsat and commercial EO platforms (WorldView etc) that could be made better available. Someone needs to develop a service for federating access. Can EROS take lead? Could WInSAR move into that area and replicate SSARA approach?
- How can WInSAR and UNAVCO cooperate with the European Helix Cloud computing initiative

Future plans:

Standard InSAR data products—SSARA prototype products at ASF

<http://insar.asf.alaska.edu>

InSAR product archive at UNAVCO developed under SSARA project

User contributed for now

InSAR processing at UNAVCO or elsewhere like GPS data products?

Connect to European Helix Cloud computing community to share data and analysis methods