



UNAVCO, a non-profit membership-governed consortium, facilitates geoscience research and education using geodesy.

INSTRUCTORS:

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SEE PAGE 2 FOR A PRE-TRAINING HOMEWORK ASSIGNMENT

TUESDAY, AUG 20* - 8:00AM - 5:00PM (PACIFIC TIME) - JPL ROOM 180-101

Table with 2 columns: Time and Activity. Activities include Welcome with coffee, presentations on ARIA standard InSAR displacement product, demo of product data access, notebook exercises on command line download, GDAL manipulation, cropping, and time-series analysis, lunch, group picture, and introduction to MintPy.

*Full day participation is strongly encouraged

THIS MEETING IS HOSTED AT JPL WITH FOREIGN NATIONAL PARTICIPATION.
CONTENT AND DISCUSSIONS ARE LIMITED TO SCIENCE ONLY.



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WHAT PARTICIPANTS SHOULD DO PRIOR TO THE COURSE:

1. If you do not have a NASA Earth data log-on yet, create one here: <https://urs.earthdata.nasa.gov/home>
2. User need to add the following applications to their NASA Earth data profile: <https://urs.earthdata.nasa.gov/profile>
Click under “Applications”, “Authorized Apps”, and use “Approve more applications”:
 - o ASF Datapool products
 - o ARIA Product Search
 - o GRFN Door (PROD)
3. Once 1-2 is completed successful you can download the following file: https://grfn.asf.alaska.edu/door/download/S1-GUNW-D-R-087-tops-20190723_20190711-161546-20645N_18638N-PP-93e8-v2_0_2.nc. If requested provide your Earth data username and password.
4. **HOMEWORK:** Send the file size of the download product back to David.Bekaert[AT]jpl.nasa.gov

WHAT PARTICIPANTS SHOULD BRING TO THE COURSE:

- Laptop with ability to connect to the wireless network.
- Full-day participation is strongly recommended as lecture modules build on each other.

VISITORS TO JPL

- Please arrive by 8.00am at the JPL visitor center.
- Identification documents are required (passport recommended).
- If arriving by car, the JPL security guards will direct you to the visitor parking.
- Address:
Jet propulsion Laboratory
4800 Oak Grove Drive
La Cañada Flintridge, CA 91011

JPL PARTICIPANTS:

- Foreign national participation. Content and discussions are limited to science only.
- No WAMs are provided as part of this training

MEETING WEBEX INFORMATION:

Meeting number: 901 813 253 (access code)
Phone +1 844-575-9329 (USA Toll-free)
+1-510-210-8882 (USA Toll)
URL <https://jpl.webex.com/jpl/j.php?MTID=m2d18489fa94abd2af02240f6b9a7e3c8>

FOR BACKGROUND MATERIAL:

- ARIA standard product: <https://aria.jpl.nasa.gov/node/97>
- ARIA product pages: <http://aria-products.jpl.nasa.gov/>

SOFTWARE PACKAGES:

We will use the packages as outlined below. Note it is not a pre-requisite to have these installed.

Although we do not have a dedicated slot on installation, we can assist participants during breaks with installation questions.

- ARIA tools for manipulation: <https://github.com/aria-tools/ARIA-tools>
- ARIA tools documentation: <https://github.com/aria-tools/ARIA-tools-docs>
- MintPy time-series processing: <https://github.com/insarlab/MintPy>