

# State-Wide Stereo Models from 2017 NAIP Idaho Geological Survey

- Digital stereo models needed by IGS for quantitative mapping and analysis of geologic hazards
- Requirements
  - State-wide
  - Georectified
  - High-precision (mapping scales of 1:24,000 to 1:8,000)
  - Easy integration into GIS work flow
  - Remain useful for years
  - Available time series of images for use in change-detection (e.g. dating landslides)
  - Relatively inexpensive
- Stereo models meeting requirements can be an “add-on” product of the NAIP process\*
  - Requires cooperation and funding of the NAIP vendor
  - Requires photogrammetry-capable workstation and software
- IGS wants to acquire state-wide stereo models as add-on to Idaho 2017 NAIP
- IGS may also acquire stereo imagery data from older NAIP flights (i.e. 2009)
- IGS seeking advice and partners on how to proceed
- IGS Contact: Bill Phillips, [phillips@uidaho.edu](mailto:phillips@uidaho.edu), 208-885-8928

\* See [https://ngmdb.usgs.gov/Info/dmt/DMT\\_presentations.html#dmt13](https://ngmdb.usgs.gov/Info/dmt/DMT_presentations.html#dmt13) for presentation by Kent Brown (Utah Geological Survey) of how this was done for entire state of Utah in 2012.