

# Supplementary Online Material:

## A high-resolution bedrock map for the Antarctic Peninsula

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### (1) Gridded bedrock, thickness and uncertainty at 100 m resolution:

- **bedrock.zip** : Calculated bedrock topography of the Antarctic Peninsula north of 70°S in GeoTIFF format (unit: *m a.s.l.*)
- **thickness.zip** : Calculated ice thickness in GeoTIFF format (unit: *m*)
- **uncertainty.zip** : Estimated uncertainty in GeoTIFF format (unit: *m*)

For details on the GeoTIFF format visit, e.g., <http://www.remotesensing.org/geotiff/spec/geotiffhome.html>

### Spatial resolution, coverage, coordinate system

Spatial resolution: 100 m

Coverage: 63°S–70°S, 55°W–70°W

Projection: WGS84 Antarctic Polar Sterographic, Standard Parallel –71 °S

### Download in alternative data formats

Due to space constraints, the SOM of The Cryosphere only provides a compressed GeoTIFF format. Alternative data formats (NetCDF, ASCII text) are provided here:

[http://people.ee.ethz.ch/~mhuss/antarctic\\_peninsula/](http://people.ee.ethz.ch/~mhuss/antarctic_peninsula/)

### Reference

Huss, M. and Farinotti, D. (2014). A high-resolution bedrock map for the Antarctic Peninsula. The Cryosphere, ??? , doi: 10.5194/tcd-8-1191-2014.

### (2) Supplementary figures for estimated uncertainty over the model domain:

- **uncertainty\_absolute.pdf** : Estimated absolute uncertainty over the entire model domain referring to the  $1\sigma$ -level.(unit: *m*).
- **uncertainty\_relative.pdf** : Estimated relative uncertainty (unit: *%*)