

1. Identification

FileName:	glaciers_cci_gi_rgi13s02_TM-ETM_1998-2002_v151118.zip		
Content:	Glacier inventory Pamir	Type:	vector (polygon), shapefile
Creators:	Philipp Rastner, Nico Mölg, Tobias Bolch, Frank Paul	Institution:	Department of Geography University of Zurich
Created at:	18.11. 2015	Funding:	ESA Glaciers_cci
Entry-ID:	gi_rgi13_002	Remarks:	also available in RGI / GLIMS

2. Description

Description: This data set provides glacier outlines for all glaciers in the Pamir mountain range with satellite scenes acquired from 1998 to 2002. For each glacier entity, topographic parameters are included in the attribute table of the shapefile.

Methods: Band ratio 3/5 with manual correction of debris cover, seasonal snow, shadow, water. Drainage divides were derived from the ASTER GDEM2 with a watershed algorithm and manually corrected. Zonal statistics are used to derive topographic parameters.

References: Glaciers_cci (2015): Climate Research Data Package (CRDP) Technical Document. Prepared by the Glaciers_cci consortium, 20 pp.

Citation: When using this dataset, please cite the above reference (Glaciers_cci 2015). A related journal publication is in preparation.

3. Source data

Source:	glavis.usgs.gov	Date (range):	1998 – 2009 (2 scenes 2009)
Satellites:	Landsat 5 and 7	Years total:	12 (max), core: 5 (1998-2002)
Sensors:	TM, ETM+	Product:	USGS L1T
Path (range):	149-153	Remarks:	The ASTER GDEM2 is also used for topographic parameters
Row (range):	032-034		
Nr. of scenes:	18 (see map in reference)		

4. Geographic coverage

Country: Afghanistan, China, Kirgistan, Pakistan, Tadschikistan

Region: Pamir

RGI Region: 13 (Central Asia)

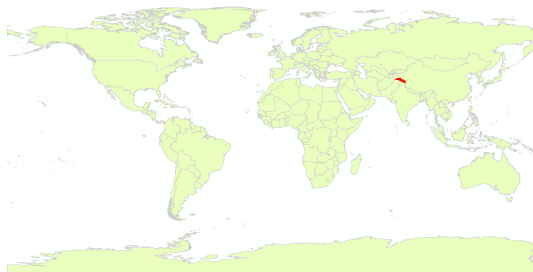
Longitude: 70.45-76.0 E

Latitude: 36.7-39.65 N

Projection: WGS_1984_UTM_zone_43N

Datum: WGS84

Sampling: 30 m (sensor pixels)



5. Individual data files

Name cci_gi_pamir_2000

File 1-7 Shapefiles: dbf/prj/sbn/sbx/shp/shx/xml

Size 17 MB **Upload:** 21.12. 2015

File 8 Screen shot of geographical coverage

File 9 This Metadata Information Sheet

