

1. Identification

FileName:	glaciers_cci_gi_rgi14s02_TM-ETM_1998-2002_v150505.zip		
Content:	Glacier inventory Karakoram Range	Type:	vector (polygon), shapefile
Creators:	Nico Mölg, Tobias Bolch, Philipp Rastner, Frank Paul	Institution:	Department of Geography University of Zurich
Created at:	15.05. 2015	Funding:	ESA Glaciers_cci
Entry-ID:	gi_rgi14_001	Remarks:	also available in RGI / GLIMS

2. Description

Description: This data set provides glacier outlines for all glaciers in the Karakoram with satellite scenes acquired around the year 2000. 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:	glvis.usgs.gov	Date (range):	13.08.1998 – 30.08. 2002
Satellites:	Landsat 5 and 7	Years total:	5 (max), core: 3 (2000)
Sensors:	TM, ETM+	Product:	USGS L1T
Path (range):	146-151	Remarks:	ASTER GDEM2 also used for topographic parameters
Row (range):	034-036		
Nr. of scenes:	14 (see map in reference)		

4. Geographic coverage

Country: Several
Region: Karakoram
RGI Region: 14 (South Asia West)
Longitude: 75.7-78.2 E
Latitude: 34.4-36.1 N
Projection: WGS_1984_UTM_zone_43N
Datum: WGS84
Sampling: 30 m (sensor pixels)



5. Individual data files

Name cci_gi_karakoram_2000
 File 1-7 Shapefiles: dbf/prj/sbn/sbx/shp/shx/xml
Size 20.6 Mb **Upload:** 15.05. 2015
 File 8 Screen shot of geographical coverage
 File 9 This Metadata Information Sheet

