



High Summit
LECCO 2013

SHARE GN2 The new system of data sharing

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EvK2 -CNR

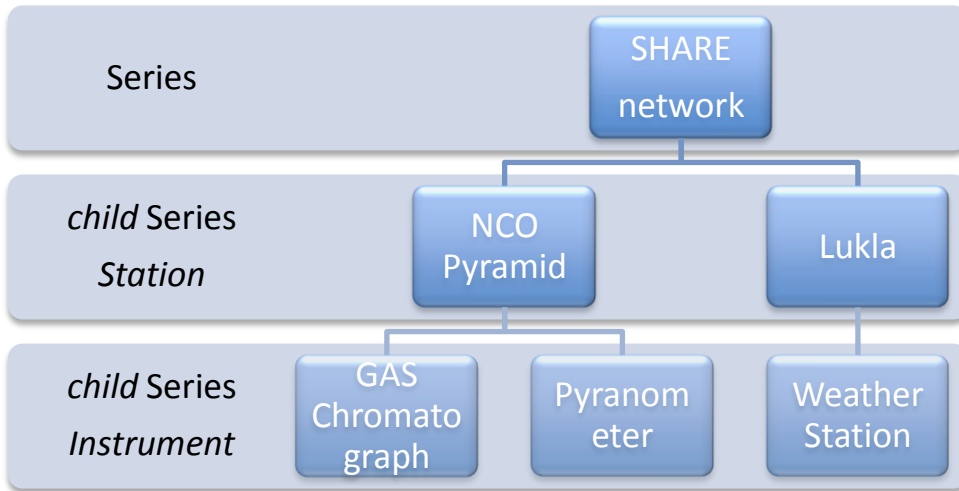
The screenshot shows the SHARE Geonetwork website. At the top, there is a navigation menu with links for Home, News, Contact us, Links, About, Help, and User. The main header features the SHARE Geonetwork logo and the EvK2-CNR logo. Below the header, there are search options for 'SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA' and 'DOMAINS', with sub-options for 'ADVANCED SEARCH', 'METADATA', and 'DATASET'. A search bar is present with the placeholder text 'What are you looking for?'. The main content area includes a world map with several blue location markers, a 'Mappa Satellite' button, and a Google logo. To the right of the map is a sidebar with logos for SHARE, NextData, and I-AMICA, and a list of categories: 'Stations at High Altitude', 'Atmosphere & Climate', 'Ecosystems & Biodiversity', 'Geology & Geophysics', 'Glaciers', 'Ground Data', 'Health', 'Interactive resources', 'Maps & Graphics', 'Paleoclimate', 'Publications', 'Satellite Images', 'Stations', and 'Water Resources'. Below the map, there are sections for 'Latest news' and 'Featured Maps'. The 'Latest news' section contains three articles: 'High Summit Lecco 2013', 'ASITA WOB Paleo 1.0: a database for the ...', and 'Ev-K2 CNR new DataCite's ...'. The 'Featured Maps' section contains two articles: 'SEED - Geographic database and Management ...' and 'NextData - Archive of paleoclimatic data ...'. At the bottom right, there is a 'THE WORLD' section with a world map and a list of regions: 'Nordic countries', 'Europe', 'Asia', 'Africa', 'North- and Central America', 'South-America', 'Oceania', and 'Antarktis'. Below this is a 'GEORSS' section with a list of locations: 'Monte Curcio (Calabria)', 'Data-logger CR 3000 Campbell Scientific', and 'LaMB-Mobile Lab of'.



Share GeoNetwork is the metadata Catalogue dedicated to the knowledge and to the sharing of environmental data acquired at high

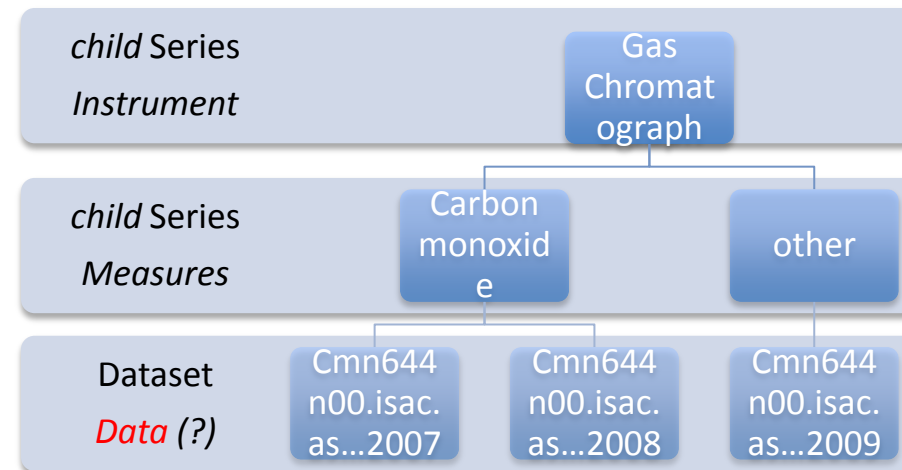


The first release was implemented in 2011



SHARE GeoNetwork is implemented with hierarchical metadata catalogues

The hierarchy allows easier access to information concerning not only data but also the rules of acquisition



SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

ADVANCED SEARCH

What are you looking for?

DOMAINS

METADATA DATASET



SHARE



SHARE NextData I-AMICA

- Stations at High Altitude
- Atmosphere & Climate
- Ecosystems & Biodiversity
- Geology & Geophysics
- Glaciers
- Ground Data
- Health
- Interactive resources
- Maps & Graphics
- Paleoclimate
- Publications
- Satellite Images
- Stations
- Water Resources



THE WORLD



- Nordic countries
- Europe
- Asia
- Africa
- North- and Central America
- South-America
- Oceania
- Antarktis

GEORSS

- Monte Curcio (Calabria)
- Data-logger CR 3000 Campbell Scientific
- LaMB-Mobile Lab of

Latest news



During the Conference the new SHARE Geonetwork system will be presented. The web system was developed for the sharing of ...



The new system of data sharing SHARE Geonetwork will be presented at the Conference ASITA at Riva del Garda November 5 ...



Ev-K2 CNR has joined the project DataCite and has become autonomous "Data Center" under the CRUI member (Conferenza dei Rettori) ...

Featured Maps



As part of the SEED project a geographic database has been developed to support future planning and management of natural ...



One of the aims of NEXTDATA Project is the implementation of paleo-climatic database of marine sediment cores of the Mediterranean ...



SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

▼ ADVANCED SEARCH

DOMAINS

METADATA DATASET



Askole (Pakistan)



Askole (Pakistan)

Parent/child metadata:

[SHARE \(Stations at High Altitude for Research on the Environment\) Network](#)

[Askole \(Pakistan\)](#)

[Barometer](#)

[Electric rain gauge](#)

[Pyranometer](#)

[Thermohygrometer](#)

[Combined wind speed-direction sensor](#)

Identification info

- Title
- Date
- Date type
- Abstract

It's average elevation is 3000 m above the main river, on a moraine highland with small inclination toward the river, where local people carry out little agriculture. The station is on the lower, southern part of the moraine platform, near the edge above the river, and has open visibility toward East (valley upward), West (valley downward), South (in front of opposite side of the valley) and North (leading to the slopes of the mountain surrounding the village). The installation is located about 200 meters south from the Lorenzo Mazzoleni Dispensary in the middle of the cultivated area, protected by a resistant fencing.

Geographical coordinates:

SHARE



SHARE

NextData

I-AMICA

- Stations at High Altitude
- Atmosphere & Climate
- Ecosystems & Biodiversity
- Geology & Geophysics
- Glaciers
- Ground Data
- Health
- Interactive resources
- Maps & Graphics
- Paleoclimate
- Publications
- Satellite Images
- Stations

Lukla (Khumbu Valley, Himalaya - Nepal)



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In the Khumbu Valley, located in the central part of the Himalayan range and including the area of Sagarmatha National Park, a network of 7 Automatic Weather Stations (AWSs) has been installed since 1994. These weather stations are located at different altitudes: Lukla (2,660 m a.s.l.), Namche (3,570 m a.s.l.), Periche (4,260 m a.s.l.), Lobuche (5,050 m a.s.l.) near the Pyramid - Laboratory Observatory, Kala Patthar (5,600 m a.s.l.), Changri Nup Glacier (5,700 m a.s.l.) and Mt. Everest - South Col (8,000 m a.s.l.).

Identification info

Title	Lukla (Khumbu Valley, Himalaya - Nepal)
Date	2011-04-12T19:08:00
Date type	Publication: Date identifies when the resource was issued
Abstract	<p>In the Khumbu Valley, located in the central part of the Himalayan range and including the area of Sagarmatha National Park, a network of 7 Automatic Weather Stations (AWSs) has been installed since 1994.</p> <p>These weather stations are located at different altitudes: Lukla (2,660 m a.s.l.), Namche (3,570 m a.s.l.), Periche (4,260 m a.s.l.), Lobuche (5,050 m a.s.l.) near the Pyramid - Laboratory Observatory, Kala Patthar (5,600 m a.s.l.), Changri Nup Glacier (5,700 m a.s.l.) and Mt. Everest - South Col (8,000 m a.s.l.).</p> <p>The network mainly takes measurements of 7 standards parameters: air temperature, relative humidity, atmospheric pressure, wind speed and direction, global radiation and total precipitation. Meteo-climatic observations in this area are very important to better understand the environmental changes that are affecting the ecosystem, helping the scientific community to improve the prediction of this environmental phenomena's evolution and modification.</p> <p>The Lukla station was installed on September 2002. On 2004, the AWS has been implemented to include sensors for the determination of soil parameters (temperature, water content, thermal flux), snow level and shortwave/longwave albedo.</p> <p>Geographical coordinates:</p> <ul style="list-style-type: none">- Latitude: 27° 41' 48" N- Longitude: 86° 43' 17" E
Purpose	<p>Lukla AWS provides data (with a 60 minute time resolution) of the following parameters:</p> <ul style="list-style-type: none">- air temperature (°C)- total precipitation (mm)- relative humidity (%)

SH
Geo
Stations at High Altitude

SEARCH IN HIGH

WHAT

Either of the words

Title

Abstract

Keywords

WHEN

anytime

RESTRICT TO

Sort by

Hits per page

Output

user login

la Ricerca
il Sistema
Ambiente



new custom area



le condizioni d'uso

query - [reset query](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


 NANO - SHARE

NANO - SHARE is a project for the industrial technological development devoted to environmental monitoring in mountain areas and remote regions. The NANO-SHARE is a sophisticated technological system developed by CNR-ISAC and CNRS-LGGE with Ev-K2-CN...


 Significant variations of trace gas composition and aerosol properties at Mt. Cimone during air mass transport from North Africa – contributions from wildfire emissions and mineral dust

High levels of trace gas (O₃ and CO) and aerosol (BC, fine and coarse particle volumes), as well as high scattering coefficient values, were recorded at the regional GAW-WMO station of Mt. Cimone (CMN, 2165 m a.s.l., Italy) during the period 26–30 ...


 Three-year observations of halocarbons at the Nepal Climate Observatory at Pyramid (NCO-P, 5079 m a.s.l.) on
Parent/child metadata:

[Atmospheric brown cloud in the Himalayas](#)

Three-year observations of halocarbons at the Nepal Climate Observatory at Pyramid (NCO-P, 5079 m a.s.l.) on the Himalayan range

... has been established in the frame of ... Pyramid in the Himalayan range at


 Barometer

The CNR-ISP EvK2CNR barometer is connected with a measurement system (recorder, data logger) that accepts analog signals. The barometer works according to the piezometric principle: a resistive film is deposited on a slice of silica with a bridge ...

SHARE



SHARE

NextData

I-AMICA

Stations at High Altitude
 Atmosphere & Climate
 Ecosystems & Biodiversity
 Geology & Geophysics
 Glaciers
 Ground Data
 Health
 Interactive resources
 Maps & Graphics
 Paleoclimate
 Publications
 Satellite Images
 Stations
 Water Resources



DataCite

Helping you to find,
 access, and reuse data

THE WORLD



▸ Nordic countries
 ▸ Europe
 ▸ Asia
 ▸ Africa



SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

▼ ADVANCED SEARCH

DOMAINS

METADATA DATASET



remember this query - [reset query](#)

0 selected

Select : [all](#), [none](#) Action on selection ▼

1 2 3 4 5



Data-logger CR 3000 Campbell Scientific

The CR3000 Micrologger® supports complex applications with many sensors. It is fast and powerful enough to handle extended eddy-covariance systems with full energy-balance systems. Multiple CR3000s can be configured as a network or units can be depl...

[→ METADATA](#)

[+ keywords](#)

[↓ DOWNLOAD](#)



SHARE



SHARE

NextData

I-AMICA

Stations

Atmosphere & Climate

Ecosystems & Biodiversity

Geology & Geophysics

Water Resources

Interactive resources

Maps

Publications

Satellite images

Ground data



Monti della Sila, Sila Greca, Bacino del Bonis (Calabria)

Parent/child metadata:

[I-AMICA \(High Technology Infrastructure for Climate and Environment Monitoring\) Network](#)

Monti della Sila, Sila Greca, Bacino del Bonis (Calabria)

[Measure instrumentation](#)

2' E The basin Bonis (39 ° 25'15 " N of the river Cino. It has an area of



The new database for DATA sharing

[Home](#)[News](#)[Contact us](#)[Links](#)[About](#)[Help](#)[User login](#)

SHARE SHARE Geonetwork

Stations at High Altitude for Research on the Environment



Consiglio Nazionale delle Ricerche
Dipartimento Scienze del Sistema
Terra e Tecnologie per l'Ambiente

SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

DOMAINS

 METADATA DATASET

LOCATION (AWS STATION)

PARAMETER NAME

OUTPUT

 Table Graph CSV

REFERENCE TIME FROM-TO

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Time 00:00:00

Hour

Minute

Second

Done

remember this query - [reset query](#)



SHARE



View Metadata

Download as CSV

Switch to Table view

Query response from lukla share

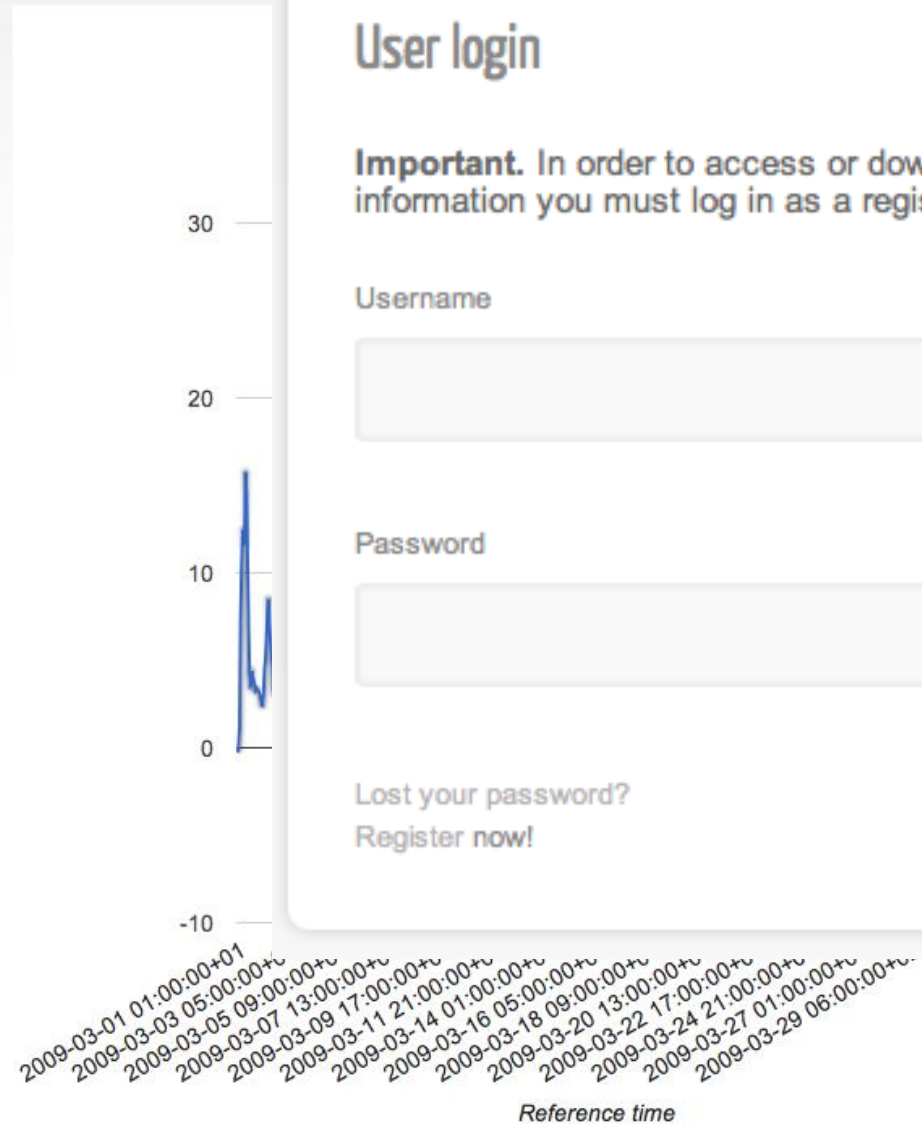
Data provider: Ev-K2-CNR Committee - Validated

Location: lukla share

Reference time from: 01/03/2009

Reference time to: 31/03/2009

Parameter name: air temper



User login

Important. In order to access or download advanced information you must log in as a registered user.

Username

Password

[Lost your password?](#)

[Register now!](#)

Login



ctData I-AMICA

Altitude
Climate
Biodiversity
physics

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ping you to find,
ess, and reuse data

L D



- Nordic countries
- Europe
- Asia
- Africa
- North- and Central America
- South-America

SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

DOMAINS

METADATA DATASET



Ev-K2-CNR Committee – Validated

LOCATION (AWS STATION)

lukla share

PARAMETER NAME

air temperature

OUTPUT

Table Graph CSV

REFERENCE TIME FROM-TO

01/03/2009 00:00:00 31/03/2009 00:00:00

remember this query - [reset query](#)

Lukla (Khumbu Valley, Himalaya - Nepal)



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SHARE



SHARE

NextData

I-AMICA

Stations at High Altitude
Atmosphere & Climate
Ecosystems & Biodiversity
Geology & Geophysics
Glaciers

Identification info

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SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

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DOMAINS

METADATA DATASET



remember this query - [reset query](#)

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SHARE



SHARE

NextData

I-AMICA

- Stations at High Altitude
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- Health
- Interactive resources
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- Paleoclimate
- Publications
- Satellite Images
- Stations

Pyramid	Periche	Namche	Lukla	Kala Patthar	Changri Nup	Colle Sud	NCO-P	Askole	Urdukas	Concordia
Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period	Measurement period
(1994)-ongoing	2001-ongoing	2001-ongoing	2002-ongoing	2008-ongoing	2009-ongoing	2008-2011	2006-ongoing	2004-ongoing	2004-ongoing	2011-ongoing

Ev-K2-CNR Committee - Validated

LOCATION (AWS STATION)

PARAMETER NAME

✓ Select Station:

- urdukas baltoro glacier share
- askole share
- nepal climate observatory - pyramid share
- forni glacier share
- pheriche share
- namche bazar share
- lukla share

Select a Parameter:

- ✓ Select a Parameter:
- station pressure
- station pressure flag
- air temperature
- air temperature flag
- dew point temperature
- dew point temperature flag
- relative humidity
- relative humidity flag
- specific humidity
- specific humidity flag
- wind speed
- wind speed flag
- wind direction
- wind direction flag
- u wind component
- u wind component flag
- v wind component
- v wind Component flag
- precipitation
- precipitation flag
- snow depth
- snow depth flag
- incoming shortwave
- incoming shortwave flag
- outgoing shortwave
- outgoing shortwave flag
- incoming longwave
- incoming longwave flag
- outgoing longwave
- outgoing longwave flag
- net radiation
- net radiation flag
- skin temperature
- skin temperature flag
- incoming par
- incoming par flag
- outgoing par
- outgoing par flag

Metadata/ keywords

- SHARE (562 results)
- Network (441 results)
- Station (440 results)
- High Altitude (438 results)
- Nepal (288 results)
- thermal power plant (277 results)
- AWS (206 results)
- CEOP (187 results)
- climate (171 results)
- research (168 results)
- Khumbu Valley (156 results)
- air (143 results)
- pollution (142 results)
- ecosystems (138 results)
- landscape (138 results)
- natural areas (137 results)
- Sagarmatha National Park (133 results)
- GAW (130 results)
- Himalaya (113 results)
- World (89 results)
- Pakistan (71 results)
- I-AMICA (69 results)
- Italy (62 results)
- WMO (53 results)
- wind speed (51 results)
- wind direction (49 results)
- Lukla (49 results)
- stratospheric intrusions (48 results)
- GAWSIS (45 results)
- monsoon (45 results)
- aerosol (44 results)
- Lobuche (44 results)
- air temperature (41 results)
- subtropical jet stream (41 results)
- Mt. Everest - South Col (40 results)
- real time (40 results)
- network (39 results)
- NEXTDATA (36 results)
- Baltoro Glacier (34 results)
- Alps (34 results)
- Urdukas (32 results)
- relative humidity (32 results)
- natural areas, landscape, ecosystems (31 results)
- monitoring network (31 results)
- glacier (27 results)
- Pheriche (26 results)
- cryosphere (25 results)
- micro-meteorological parameters (25 results)
- ABC (22 results)
- Stelvio National Park (21 results)
- Ortles-Cevedale group (21 results)
- Askole (21 results)

- Nepal, Khumbu Valley, Himalaya, Kala Patthar (7 results)
- meteorology (7 results)
- Sagarmatha (7 results)
- ACTRIS (7 results)
- wind speed, wind direction (7 results)
- snow depth (6 results)
- air temperature, relative humidity (6 results)
- Urdukas, Baltoro Glacier, Pakistan (6 results)
- pollution (142 results)
- ecosystems (138 results)
- landscape (138 results)
- natural areas (137 results)
- Sagarmatha National Park (133 results)
- GAW (130 results)
- Himalaya (113 results)
- World (89 results)
- Pakistan (71 results)
- I-AMICA (69 results)
- Italy (62 results)
- WMO (53 results)
- wind speed (51 results)
- Forni Glacier (21 results)
- Apennines (21 results)
- Kala Patthar (21 results)
- Elena Glacier (20 results)
- global solar radiation (20 results)
- atmospheric pressure (20 results)
- Rwenzori Range (20 results)
- Uganda (20 results)
- altitude (19 results)
- Changri Nup Glacier (17 results)
- EUSAAR (16 results)
- Himalayas (16 results)
- Namche (16 results)
- Eboli Borgo Cioffi, Campania, Italy (15 results)

- agriculture, atmosphere, air, carbon, nitrogen, remote sensing (15 results)
- high elevation (13 results)
- Environmental monitoring facilities (13 results)
- ozone (13 results)
- Aerosol (12 results)
- global radiation (12 results)
- Atmospheric Brown Clouds (12 results)
- Nepal Climate Observatory-Pyramid (12 results)
- Mt. Cimone (12 results)
- precipitation (11 results)
- monitoring network, station (11 results)
- high altitude (11 results)
- Marine sediments, Holocene, paleoclimatology, humidity (10 results)
- free troposphere (10 results)
- AWS station (10 results)
- Atmospheric conditions (10 results)
- Surface Ozone (10 results)
- Karakoram (10 results)
- Atmospheric pressure (9 results)
- climate change (9 results)
- Mount Everest (9 results)
- soil heat flux (9 results)
- South Asia (8 results)
- global change (7 results)
- Dosedè Glacier, Alta Valtellina, Alps, Italy (7 results)

around 1000 metadata

Last Name

Alberico
Bocchiola
Bocci
Bonasoni
Cogo
Comitato
Cristofanelli
De Amicis
Di Carlo
Diolaiuti
Frigerio
Giorgi
Lay
Lami
Locci
Lovari
Marinoni
Pelosi
Poretto
Provenzale
Rossi
Salerno
Smiraglia
Tartari
Tocco
Toffolon
Ricercatore
Agliardi
Confortola
Busilacchio
Melis
Dessi

First Name

Ines
Daniele
Anna
Paolo
Annalisa
EVK2CNR
Paolo
Mattia
Piero
Guglielmina Adele
Ivan
Filippo
Paolo
Andrea
Filippo
Sandro
Angela
Nicola
Giorgio
Antonello
Graziano
Franco
Claudio
Gianni
Davide
Roberta
SHARE
Ivan
Gabriele
Marcella
Titi
Francesco



SEARCH IN HIGH ALTITUDE AND ENVIRONMENTAL DATA

DOMAINS

ADVANCED SEARCH

METADATA DATASET



SHARE

NextData

IAMICA

SHARE NextData IAMICA

Stations at High Altitude
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Geology & Geophysics
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Ground Data
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Paleoclimatology
Publications
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Water Resources



THE WORLD



- Nordic countries
- Europe
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- Africa
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- Oceania
- Antarctic

GEORSS

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Latest news



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Featured Maps



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One of the aims of NEXTDATA Project is the implementation of paleo-climatic database of marine sediment cores of the Mediterranean ...

Thank you for your attention

<http://geonetwork.evk2cnr.org>

