11-12-13 December 2024
Forte di Bard
Via Vittorio Emanuele II, 11020 Bard AO, Italia
Application deadline: 25th November 2024

PhD Workshop on Impacts of Climate Change on Mountain Cryosphere

Through lectures, group work, and exercises the workshop will provide an overview of the impacts of climate change on mountain cryosphere. Topics include: glacier evolution and glacial risk monitoring with multiple techniques, ice coring and snow sampling, water quality assessment in transitional cryospheric settings, paleoenvironment reconstruction through pedological analyses, mapping of geodiversity and ecosystem services in glaciated environments, etc.
There will also be an excursion to a nearby glaciated area.
The target audience for the workshop is PhD students.
We are able to accommodate 15 students.

This seminar is part of the project NODES which has received funding from the MUR –M4C2 1.5 of PNRR with grant agreement no. ECS00000036

PhD Workshop on Impacts of Climate Change on Mountain Cryosphere

Practical Infos

Application

Fill the Google Form at:

https://docs.google.com/forms/d/e/1FAIpQLScEsscGTc_PYrjupBEIl76H39jimJQPbXTdfoH5ky8fzvsNQ/viewform?usp=sf_link

Location:

Forte di Bard
Via Vittorio Emanuele II
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cost of stay for 3 days from 11th to 13th December:

N. 2 nights (11 and 12 December) accommodation in twin rooms - €70
N. 4 lunches/dinners plus 1 packed lunch for December 12th - €115
Field excursion: € 45
Total - €230.00

DOTTORATO NAZIONALE IN SCIENZE POLARI

Forte di Bard, Valle d'Aosta, 11-12-13 dicembre 2024

Workshop for PhD students

Impacts of climate change on mountain cryosphere

Date	Time (CET)	Presentation title	Teacher	Affiliation
11/12/2024	09:00-10:00	Monitoring glacier velocities and glacial lakes evolution by remote sensing	Fabrizio Troilo	Fondazione Montagna Sicura
11/12/2024	10:00-11:00	Unravelling the existence of Alpine Nunataks, the history keepers of the Alps	Emanuele Pintaldi	Università di Torino - Dipartimento di Scienze Agrarie, Forestali e Alimentari
11/12/2024	11:00-12:00	Water quality in mountain areas under changing cryospheric conditions	Nicola Colombo (supported by the EU-PNRR Project NODES)	Università di Torino - Dipartimento di Scienze Agrarie, Forestali e Alimentari
11/12/2024	12:00-13:00	Geo-hydrological hazards monitoring at high elevation	Danilo Godone	Consiglio Nazionale delle Ricerche - Istituto di Ricerca per la Protezione Idrogeologica
11/12/2024	14:30-15:30	Climate change and the cryosphere: state of knowledge, impacts and future scenarios	Paolo Pogliotti	Agenzia Regionale per la Protezione dell'Ambiente - Valle d'Aosta
11/12/2024	15:30-16:30	In situ and close range monitoring of glacial risks in the Aosta Valley	Paolo Perret	Fondazione Montagna Sicura, Università di Pavia - Dipartimento di Ingegneria Industriale e dell'Informazione
11/12/2024	16:30-17:30	Mapping dynamic geodiversity and ecosystem services in glaciated areas	Marco Giardino	Università di Torino - Dipartimento di Scienze della Terra, Geoparco Sesia Val Grande, Comitato Glaciologico Italiano
11/12/2024	17:30-18:30	Ice coring and snow sampling of Alpine glaciers: state of art and future perspectives	Fabrizio de Blasi	Consiglio Nazionale delle Ricerche - Istituto di Scienze Polari
12/12/2024	09:00-17:30	Field excursion		Consiglio Nazionale delle Ricerche - Istituto di Scienze Polari, Fondazione Montagna Sicura
13/12/2024	09:00-17:30	Celebration of the International Mountain Day 2024 (exhibition & conference)		

Participation in presence: max 15 PhD students

Meal and Accommodation: partially supported by Forte di Bard - Valle d'Aosta (https://www.fortedibard.it/)

Questa iniziativa è realizzata con il supporto del progetto NODES, finanziato dal MUR sui fondi M4C2 - Investimento 1.5 Avviso "Ecosistemi dell'Innovazione", nell'ambito del PNRR finanziato dall'Unione europea – NextGenerationEU (Grant agreement Cod. n.ECS00000036).