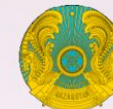




Aga Khan Agency for Habitat



Cryosphere and related hazards in High Mountain Asia in a changing climate

1–4 November 2022 | Almaty, Kazakhstan

Presenter(s): Mederbek kyzy Aizirek, Helga Weber, Anouk Volery, Perizat Imanalieva, Kristine Tovmasyan, Martina Barandun
Date: 4.11.2022

Empowering and inspiring women for science: Adventure of Science: Women and glaciers in Central Asia 2022



LET'S PROMOTE GENDER
BALANCE IN ENVIRONMENTAL
SCIENCE WITH

ADVENTURE OF SCIENCE: WOMEN AND GLACIERS IN CENTRAL ASIA



What is «Adventure of Science»?

Unique, tuition-free wilderness science expeditions for young women.

Expedition combining science, art, and wilderness travel to inspire future leadership, curiosity, confidence and success.

- ❑ Expeditions called «Girls on Ice» in several countries (US, Canada, Switzerland)
- ❑ First expedition in 1999 by Prof Erin Pettit
- ❑ Coordinated within the organisation «Inspiring Girls Expeditions»
- ❑ First expedition in Central Asia for young women in 2019 created by Martina Barandun and Marlène Kronenberg

Strictly female expedition team:



TAMARA MATHYS

Glaciologist, Onsite Coordinator, Steering Committee Member



MARLENE KRONENBERG

Glaciologist, Founder and Co-director Adventure of Science



MARTINA BARANDUN

Glaciologist, Founder and Co-director Adventure of Science



DILOROM DJOLOLOVA

Adventure of Science Program Coordinator - Tajikistan



PERIZAT IMANALIEVA

Adventure of Science Program Coordinator - Kyrgyzstan



MUHABBAT SODIKOVA

Adventure of Science Instructor - Uzbekistan



HELGA WEBER

Adventure of Science Instructor



CASSANDRA KOENIG

Adventure of Science Instructor



LAURA NIGGLI

Geographer, Instructor



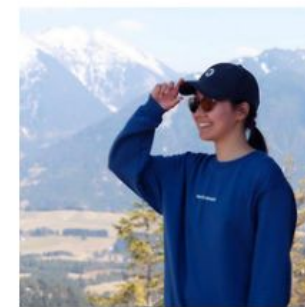
SABRINA MUZAFARI

Adventure of Science 2022 Instructor, Adventure of Science Alumna



ANOUK VOLERY

Geography Student, Adventure of Science Instructor



DILARA KIM

Earth Observation Student, Adventure of Science Instructor 2022



AIZIREK MEDERBEK KYZY

Adventure of Science Instructor 2022, Alumna

1 mountain guide (KG), 6 science instructors (Central Asia and CH), Several program coordinators (Central Asia and CH),

9 participants from Central Asia

Participants

- Young women (~18-25)
- scientific or environmental interest
- motivation for a field expedition
- diverse backgrounds
- from Kyrgyzstan, Kazakhstan, Uzbekistan and Tajikistan



Course contents



Mountaineering
Glaciology and Geoscience
Art

Scientific competences & mountaineering skills

Adventure of Science expeditions provide a unique environment for valuable experiences

Expected course outputs

Self-confidence

Nature & wilderness experience

Team experiences

(Managing challenges; Exchange of backgrounds and cultures)



Write about a day at camp

Cleaning dishes

Discussing philosophical questions

Drawing

Cooking dinner

Scientific project discussion

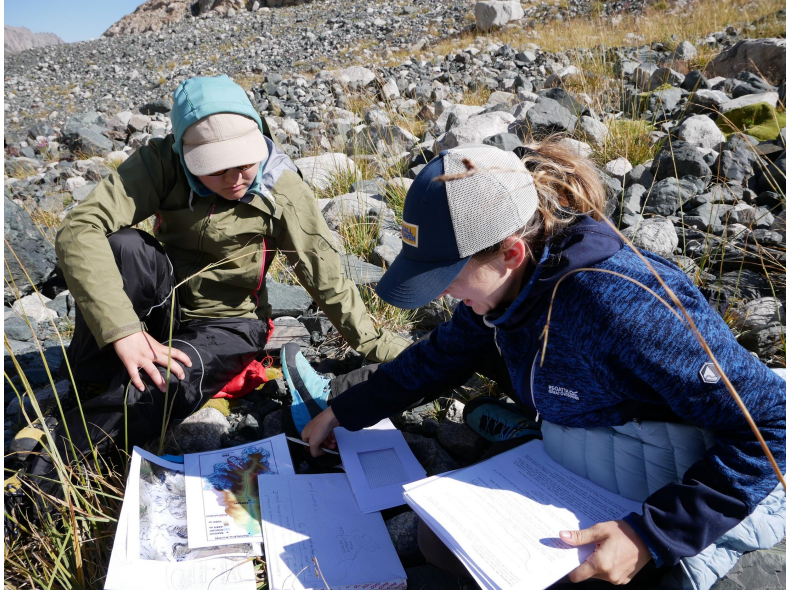
Fill the water

Helping each other

Expedition everyday live

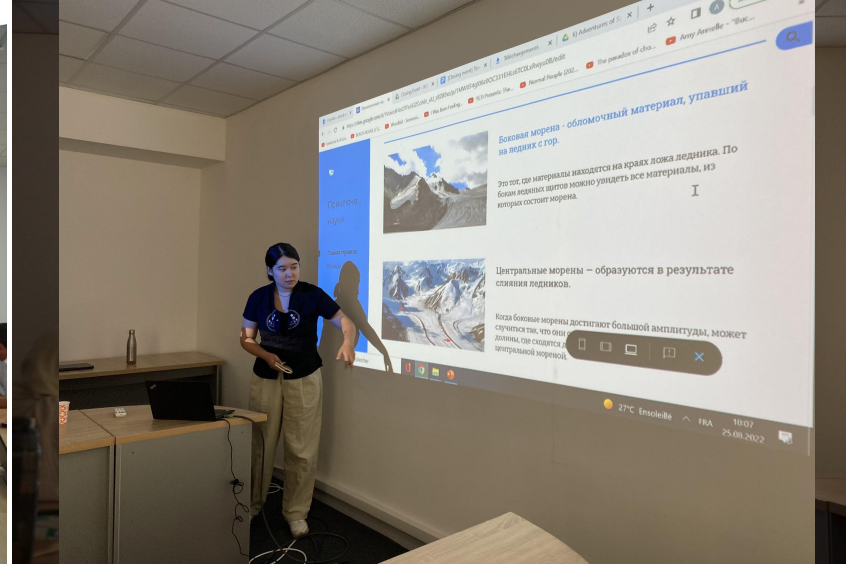




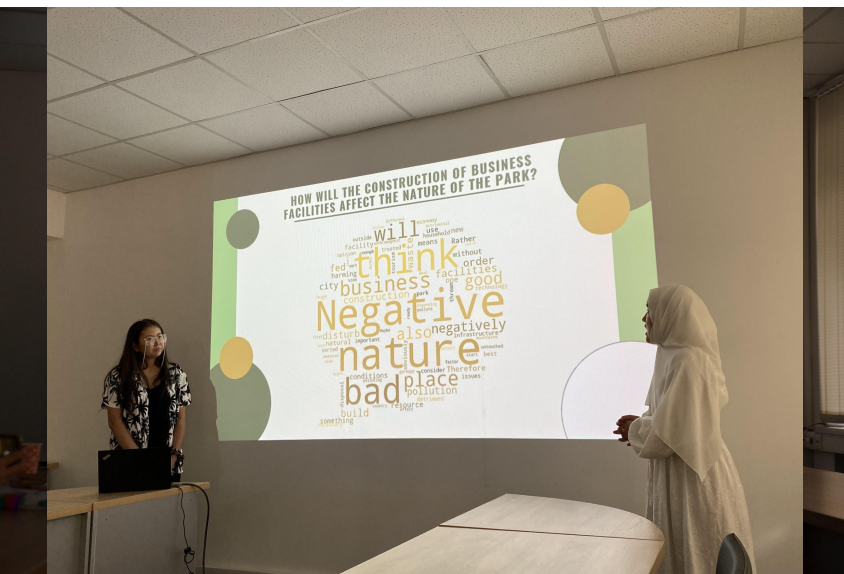


Science projects

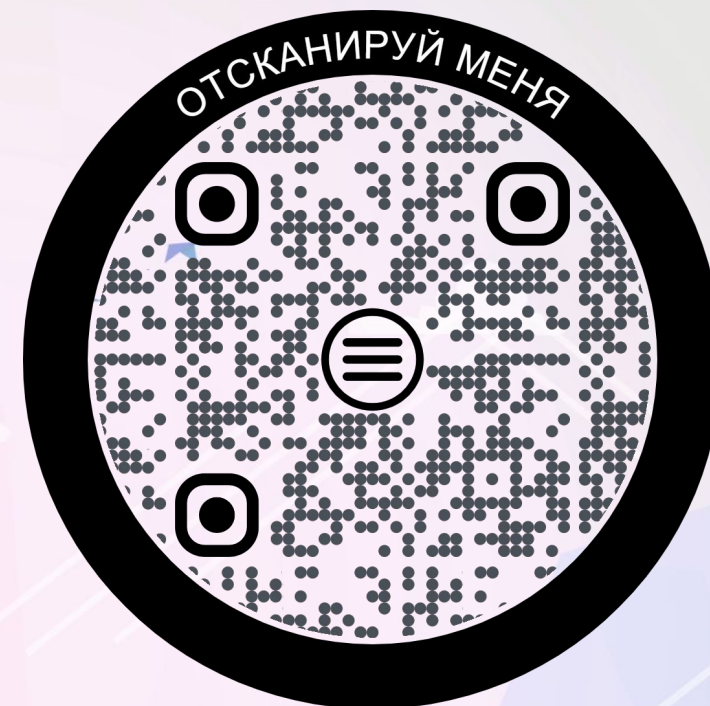




Results







Thank you and follow us!