



Capacity Building in Higher Education and Application Sphere to Sustainable Forestry in Mongolia, 2024-2025 (CABINETS)

● Mendel
● University
● in Brno
●

PROJECT DURATION:

1/11/2024–31/7/2025

COUNTRY:

MONGOLIA

FUNDING:

MINISTRY OF FOREIGN AFFAIRS OF THE CZECH REPUBLIC

SDGS:

15, 13, 4, 3

IMPLEMENTING ORGANIZATION:

MENDEL UNIVERSITY IN BRNO (MENDELU)

PARTICIPATING ORGANIZATIONS:

DEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH, MONGOLIAN UNIVERSITY OF LIFE SCIENCES (MULS), NATIONAL UNIVERSITY OF MONGOLIA (NUM), GERMAN-MONGOLIAN INSTITUTE FOR RESOURCES AND TECHNOLOGY (GMIT), MONGOLIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (MUST), MONGOLIAN WALKING ASSOCIATION (MWA)

INTRODUCTION:

Mongolia is facing serious impacts from both a rapidly changing climate and environmental transformations that are negatively affecting ecosystems and local communities. Almost 80 % of the land is now classed as degraded due to overgrazing and/or climate change, while the condition of the last remnants of forest in the country is becoming critical. In this context, actions such as implementing sustainable forest management and improving environmental education are becoming increasingly important. MENDELU has been actively engaged in forest-related research and education in Mongolia since 2009 and, in so doing, is contributing to capacity-building and the development of sustainable solutions. These activities have been further supported by the CABINETS project, which demonstrates the interest of the Czech Republic in addressing environmental and educational needs in Mongolia. The CABINETS project is closely aligned with the national priorities of Mongolia and the broader framework of European Union development cooperation.

OBJECTIVE:

The CABINETS project seeks to enhance capacity and expertise in sustainable forest management and landscape protection through hands-on field training, environmental education, ecotourism development and the monitoring and protection of biodiversity.

CORE OUTPUTS OF THE PROJECT (2024-2025)

- 1. COURSE ON SUSTAINABLE FOREST MANAGEMENT**
- 2. WORKSHOP ON INSECT DIVERSITY AND MONITORING**
- 3. WORKSHOP ON EXPERIENTIAL & ENVIRONMENTAL EDUCATION**
- 4. FOREST PEDAGOGY EVENT**
- 5. FOREST PEDAGOGY AT THE PLAYTIME MUSIC FESTIVAL**
- 6. EDUCATIONAL BOARDS IN BINDER**
- 7. BIODIVERSITY DATA COLLECTION**
- 8. HIKING TRAILS**



A Comprehensive Course on Sustainable Forest Management

1. COURSE ON SUSTAINABLE FOREST MANAGEMENT

Date: 26/4–3/7, 2025

Location: Online, Binder

Co-implementation: GIZ (STREAM+ project)

Target Institutions: National Forest Agency, Forest User Groups, Forest Units, MULS, MUST, NUM, GMIT

Participants: Online lectures: ~40 participants per lecture, field workshop I (25–28/6): 28 participants, field workshop II (30/6–3/7): 22 participants.

Ten online lectures focused on sustainable forest management were conducted followed by two field workshops. The first workshop brought together forestry professionals, including heads of Forest Units from across Mongolia, while the second was dedicated to students and academics from four Mongolian universities.



Field Workshop on Insect Diversity and Monitoring

2. WORKSHOP ON INSECT DIVERSITY AND MONITORING

Date: 14–16/6, 2025

Location: Tunkhel

Co-implementation: GIZ (STREAM+ project)

Target Institutions: NUM, Züünkharaa TVET

Participants: 7

A field workshop focused on insect biodiversity evaluation and monitoring, including sampling methods and data processing and interpretation.



Experiential Workshop on Environmental Education

3. WORKSHOP ON EXPERIENTIAL & ENVIRONMENTAL EDUCATION

Date: 22–25/6, 2025

Location: Batshireet

Co-implementation: GIZ (STREAM+ project)

Target Institutions: Primary schools, eco-clubs

Participants: 20 teachers + 21 children

A workshop focused on experiential environmental education for primary school teachers (mostly biology), eco-club leaders and foresters active in environmental education from across Mongolia, aimed at strengthening teaching capacities in forest and environmental education. The workshop concluded with a practical session aimed at local children.



4. FOREST PEDAGOGY EVENT

Date: 29/6/2025

Location: Ulaan Tsutgalan Waterfall

Co-implementation: Khangai Nuruu National Park

Target Group: Public

Participants: 31

A forest pedagogy event for children from the Orkhon Valley near Bat-Ölzii, organised in cooperation with a ranger from the national park administration. The educational program was focused primarily on the topic of water.



Forest Pedagogy at the Playtime Music Festival

5. FOREST PEDAGOGY AT THE PLAYTIME MUSIC FESTIVAL

Date: 3–6/7, 2025

Location: Nalaikh

Target Group: Public

Participants: ~70,000 festival attendees

An interactive forest pedagogy programme in the children's zone of Mongolia's largest music festival. Engaging activities based around biodiversity, permafrost and sustainable grazing enhanced with educational banners, nature-based materials and playful experiential games.



Educational Board in Binder

6. EDUCATIONAL BOARDS IN BINDER

Location: Binder

Target Group: Public

Co-implementation: GIZ (STREAM+ project)

The first of four educational boards for a planned educational trail were installed in Binder. The boards, which offer visitors insights into sustainable forest management, serve as the starting point of a future educational trail to support field-based forestry education.



7. BIODIVERSITY DATA COLLECTION

Location: Bulgan, Govi-Altai, Bayankhongor, Töv, Selenge

Co-implementation: GIZ

Observations: 1,000+

A scientific expedition that recorded over 1,000 observations of flora and fauna, including several first records and potentially new species for the regions. All data were integrated into Mongolia's national Baigali biodiversity database.



8. HIKING TRAILS

Number of Marked Trails: 3

Location: Orkhon Valley (Tövkhön Monastery), Bogd Khan Uul

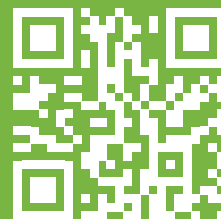
Co-implementation: MWA

Target Group: Public

Three new hiking trails were marked using the Czech marking system. Members of the MWA joined the marking process and learned the methodology through hands-on involvement.

MENDELU

Mendel University in Brno (MENDELU) is a public institution with a long tradition of excellence in the natural sciences and related education and research. Proudly bearing the name of Gregor Johann Mendel, the founder of modern genetics, we have been driving new ways of thinking since 1919.



MENDELU IN MONGOLIA

MENDELU focuses on the environment, climate change, biodiversity and sustainability in Mongolia, with priority activities in education, research and cooperation in forestry practice. The aim of these activities is to protect natural ecosystems from degradation and promote sustainable development.

CONTACT US



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