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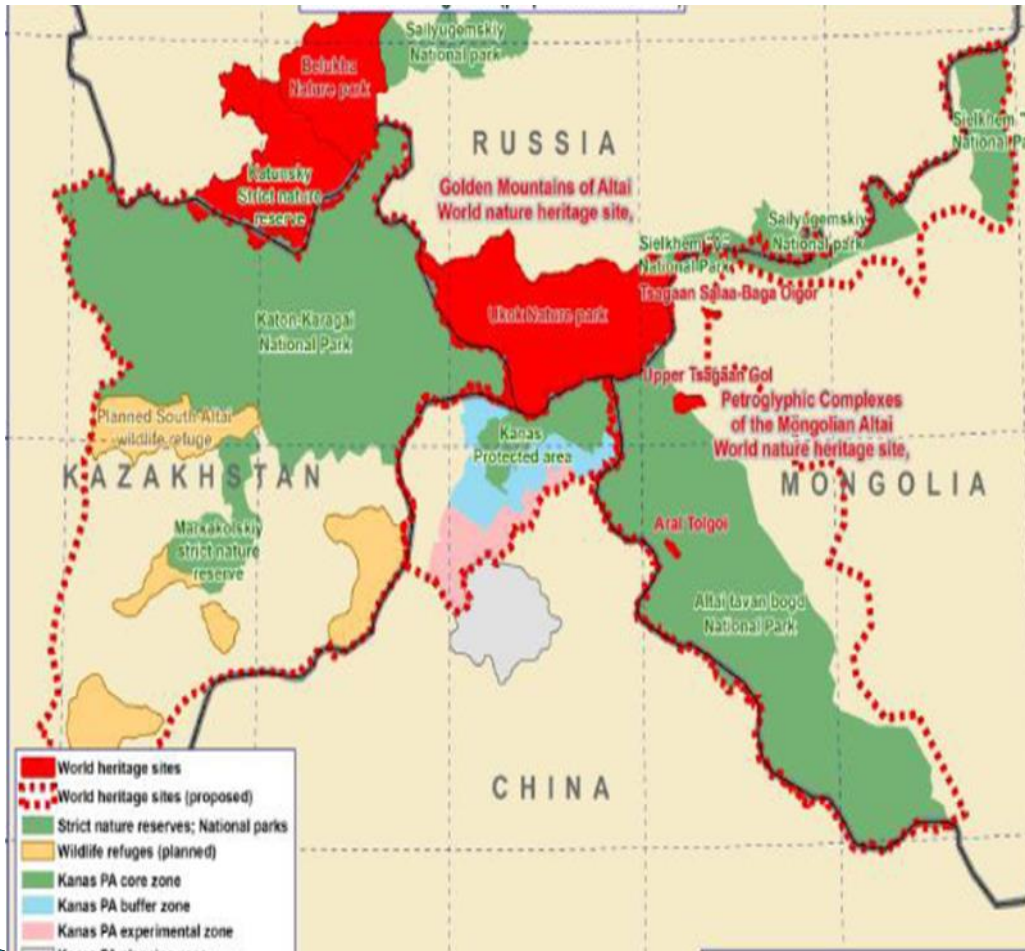
Integrated Doctoral Program for Environmental Policy,
Management and Technology INTENSE
586471-EPP-1-2017-1-EE-EPPKA2-CBHE-JP

Mongolia, partner #9

Western Mongolia and Khovd state university

B.BAYARKHUU /PROJECT COORDINATOR/

Geography



Mongolia is located in Central Asia between Russia & China. It covers an area of 1,566,500 square kilometers

•The average altitude is 1,580 meters above sea level

•The highest mountain is at 4374 meters

•The lowest point is “KhukhNuur” in the east at 560 meters

•Time zone: +8 hours to GMT



Khovd University (Khu) is state institution of higher education in Khovd, Mongolia. It was established in **1979** as the Khovd state pedagogical institute and specializes in educational sciences (including pedagogy and teachers for secondary and high school). It was the first higher education institution of Mongolia in the **out of capital** city.

In **1993** on the basis of the institute was organized to be a branch in Khovd under the National University of Mongolia.



In **1996** the university established a master's degree program in cooperation with the National University of Mongolia. In **1999** the institute received authority to independently run the master's programs.

In **2004** The University was granted independent status as Khovd state University. Nowadays, Khovd University has **2500** students enrolled in 40 undergraduate and graduate programs. The university includes about 200 faculty staffs.



In 2007, structural changes were made and the

- School of Science and Technology),
- School of Social Sciences and Humanities
- School of Foreign Languages and Culture,
- Bayan-Olgii branch of Khovd state University
- Administration of graduate studies were established.

Its academic structure encompasses 4 schools, 14 departments and multiple smaller research centres and labs.

Since **2005**, permission was granted to the university to administer a doctoral program in biology, geography and history. Double-degree bachelor programs of architecture, geology are based on an agreement between Khovd state University and Tomsk University and Altai state technical universities, Russia. The University encourages exchange programs, internships, guest lectures, joint research projects, and others.





- ▶ MOOCs are explaining to establish in foreign language direction. In the past year the University has launched foreign language summer school. More than 200 students have participated in these activities from China, Russia and Mongolia
- ▶ In 2016 was established distance learning centre, which funded by Higher education project of ADB /Asian development bank/

Brand scientific event



"Natural conditions, history and culture of the people in Western Mongolia and its contiguous regions" /biannual conference in cooperation with Tomsk State University, Russia.

•"Altai: ecology and nature exploitation" scientific conference of young researchers /annually, in cooperation with Biisk Pedagogical **University, Russia**

•"**Altai-our common home"** student's summer school /annually in cooperation with the countries and organizations which are the **participants** of "Altai-our common home" international organization.



School of Science and Technology provides education in geography, biology, chemistry, environmental protection and physics. Currently, it is one of the biggest schools: there are more than 450 students studying, more than 100 of them are getting state-subsidized education. Graduates are in great demand on the labor market due to their proficiency.

The School of Science and Technology offers the following educational programs;

Bachelor's degree programs:

- Biology Tourism Land management
- Physics
- Chemistry; Geology Geography



At the moment there are 42 lecturers working at the school of Science and technology.

- ▶ 3 of them are Ph. Doctors of Chemistry,
- ▶ 4 are Ph Doctors of Geography,
- ▶ 3 are Ph Doctors of Biology,
- ▶ 3 are Ph Doctors of Pedagogy,
- ▶ 2 are Ph Doctors of Environmental study

In 2017–2018 school year studying in graduate school there are total 70 Ph.D students and 800 master students in humanities and environmental science

Since 2018 dual–diploma Master program of Tourism in cooperation with Altai state university, Russia.





- ▶ **Master's degree programs in nature science:**
 - Chemistry; Biochemistry; Hydrochemistry;
 - Ecology- Environmental study
 - Geography; Economic geography; Applied geography
 - Physical geography
 - Biology; Zoology Botany

Since 2014 the graduation is processing by 2 types. Some master students finish program belong to the **Master dissertation defence committee** and it is named **research master students**. And some parts finished by exam of their study programs, it is named **training masters**.

Master program /total 30 credits/

- ▶ **Basic courses 10 credits**

- ▶ Methodology of Environmental Science
- ▶ Modern tendency of Environmental science
- ▶ Scientific wording / style of scientific/
- ▶ Methodology of Science
- ▶ Modern ecosystem issues

- ▶

- ▶ **Specialization 8 credits**

- ▶ Scientific English 3 credits
- ▶ Professional basic courses 4 credits
- ▶ Scientific writing style 1 credits

- ▶ **Specific courses 4 credits /optional courses/**

- ▶ Choose 2 courses

- ▶ **Diploma–5 credits**

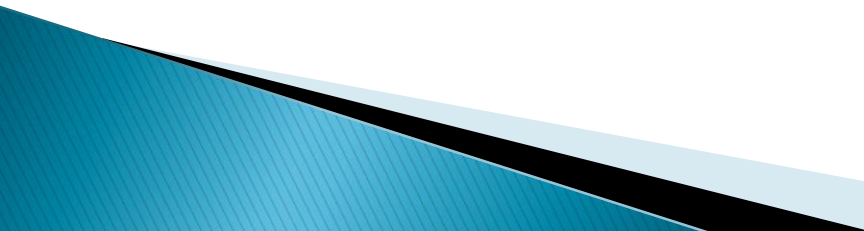
- ▶ **Research seminar–Publication –3 credits**

- ▶

Ph.Doctoral program 60 credits

- ▶ **Basic courses 6 credits**
 - ▶ Methodology of Science
 - ▶ Philosophy

 - ▶ **Specialization 15 credits**

 - ▶ **Specific courses 18 credits /optional courses/**
 - ▶ **Diploma–9 credits**
 - ▶ **Research seminar–Publication – 12 credits**
 - ▶ IF journal /index 2 and more/ – 2 papers
- 



Now:

- Biology 8 Ph.D students, 2 defends
- Geography 5 Ph.D students, no defend
- Chemistry 4 Ph.D students, no defend

After finishing the study subjects (courses) the Ph.D students are going to Ulaan Baatar to defend doctor dissertation. At the KHU not doctor dissertation defense committee. Supervisors can be form KHU or of other universities in Ulaanbaatar.

Mongolian Altai mountains

High mountain landscape ecology,

ice core

**Great lake
hollow**

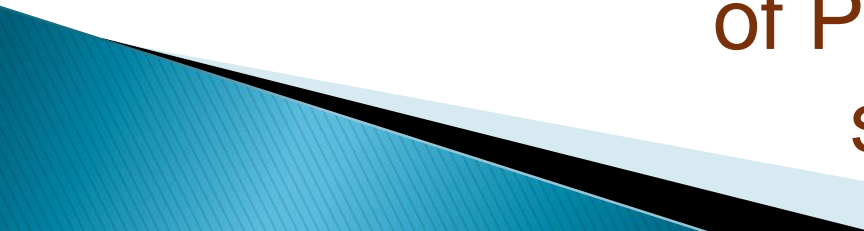
Objects

**South Altai
gobi**

Ecosystem monitoring and
desertification

Landscape ecology
and geography

Research fields
of Ph.D and MA
students



Thank you for attention