



Supporting Protected Areas for the Conservation of Ecosystem Services (SPACES)

Khangel Lake EEC Youth Camp

8-11 May, 2023

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Khangal Lake Pilot EEC Youth Camp and Pilot Eco-Education Trail

The Khangal Lake EEC Youth Camp was conducted on 8-11 May, 2023. The trail concept (2022) with explanations of the trail stations is available as a separate document. The detailed program and a photo documentation can be referred to below.

Objective

The Pilot Outdoor EEC Camp was to test the EEC info & exploration trail at Khangal Lake Natural Monument, introduce an ecosystem focus into EEC curricula in Mongolia (innovation), start cooperation with a local school from nearest soum (Umundelger), and provide on-the-job training for KKSPA rangers and Info-Center staff.

Results

- Practice test for the Khangal Environmental Exploration Trail
- Exploration of different perspectives on ecosystems and discovery of their interconnectedness (Meadow& Insects, Forest-Animals, Rock Formations and Geology, Forest Fire and Succession; Water, Khangal Lake Ecosystem / Birdlife, Human Interventions and Impacts)
- Practical nature exploration using several discovery tools (notebook, magnifying glass, binoculars, wildlife cameras, drones)
- Use of SPACES media and materials (videos, flyers, radio drama series)
- Video screening of nature documentaries
- Introduction of GIZ Baigali Biodiversity App
- On-the-job training of Info-Center staff of KKSPA
- Use of the Training Manual prepared by Sunjiidmaa Renchin
- On-the-job training for KKSPA rangers in EEC communication
- Involvement of local community leadership (head of 'Bak')
- Evaluation by the KKSPA team: excellent learning on the job for info-centre staff and rangers who feel more empowered and competent for their job now
- Evaluation forms filled out by participants: average ranking by youth was 9.8 / 10
- Video-documentation of the event
- Extensive sharing in social media through participants and trainers
- Creation of enthusiasm and motivation for future activities

Recommendations / Way forward after the Pilot project (KKSPA)

- Ongoing work on info-boards to be completed, produced and installed
- Manual for Trainers to be revised with a focus on an ecosystem approach
- Video production on the pilot camp to be completed
- Analysis of student evaluation forms to be completed
- Support Info-Center staff to implement similar camps / outdoor workshops
- Identification of partner schools from all soums / PA buffer zones
- Programming of further Youth / School Camps at Khangal Lake and initial financing requirement through projects before a self-financing modality with involvement of soums, Ministry of Education, corporate social responsibility or other parties can be found

- Options for cost reductions such as self-catering; participant's contributions, solidarity fund, etc. should be explored
- Combination of further Youth / School Camps with an action-orientation for youth, e.g. lake shore or watershed protection, wildlife monitoring using camera traps, involvement in local awareness raising activities using community theatre, EEC media 6 materials, etc.

Photo Documentation

	
<p>Mirror exercise / confusing perspectives</p>	<p>Faeces of different animals</p>
	
<p>Rocks and Geology / Landscape</p>	<p>Geology Teaching Session</p>
	
<p>Rock & Erosion exploration</p>	<p>Forest and Succession after Forest Fire</p>



Water Cycle and Life in small stream



All things are connected / Eco-System



Ski-Competition



Volleyball Match



GIZ SPACES Video Presentation



Bee-Keeping presentation



Lake Ecosystem Presentation



Bee-Keeping demonstration



Drone flight exposure / VR Goggles



Different observation tools used



AHA game / Learning-Test



Microcosmos exploration



Filling Evaluation Forms



Farewell Group Photo

Program of Khangal Nuur Youth Camp, 08.-11. May 2023

Time /Date	08.05. Day 1	09.05. Day 2	10.05. Day 3	11.05 Day 4
07:30 Wake up				
08:00 Breakfast				
9-11	Last Preparations (Arrival of Facilitators on 7 th)	Wildlife Camera Check & Analysis of Camera location; Nature Trail	<ul style="list-style-type: none"> • Wildlife Camera Check • Lecture on Bee Keeping • Walk to Deer Statue. Topics/Inputs: Lake Ecology, Moles, Observations / Lists of animals & plants, Explanations, Binoculars	<ul style="list-style-type: none"> • AHA – Game • Drone flight • Wild-Life Camera Explanations
11:00 Tea Break				
11:20 – 13:00	<ul style="list-style-type: none"> • Arrival of Participants; Camp-Introduction (Tents, Sanitation, Eating) 	Nature Trail (9am-2pm) 5 Ecosystem Stations (Meadow, Animal tracks&traces, Rocks and Geology, Forest Fire and Succession, Water Cycle and aquatic biodiversity) Plus Mirror Game (between station 2-3)	Lake Habitat/Biotope Identification of Species, Documentation; Beekeeping Demonstration	Feedback, Evaluation by the kids

Time /Date	08.05. Day 1	09.05. Day 2	10.05. Day 3	11.05 Day 4
13:00 Lunch				
14:00-16:00	<ul style="list-style-type: none"> • Introduction in Pairs • Introduction of Program • Group Game “ Non-organic vs organic materials around camp” (10 object categories to be collected 15min) => waste sorting • Participatory Development of Camp Rules • Natural Zones of Mongolia: (Taiga > Desert • Protected Areas (Categories, KKSPA, Khangal Nuur, etc.) • Biodiversity 	<p style="text-align: center;">Nature Trail (cont’)</p> <p style="text-align: center;">Lunch 14:30h</p> <p style="text-align: center;">Afterwards free-Time</p>	<p>Human Impacts & Nature:</p> <p>Discussion round</p> <p>different usages, Usage conflict humans/nature / Win-Win Situations</p> <p>Games:</p> <ul style="list-style-type: none"> • 2 Erdene, • Mosquito, Frog, Bird • Ski Race 	<p>Departure of kids after lunch,</p> <p>Evaluation, Feedback with trainers, Write down lessons learned,</p>
16:00 Tea Break				
16:20-18:30	<ul style="list-style-type: none"> • Walk to Moose statue, Species Conservation (Red Book, ...) • Installation of Wildlife Cameras in Forest 	<p>Feed-Back of Nature Trail / Documentation of what happened at the five stations / Experience sharing</p> <p>Game: “All things are connected” (Eco-System Connections) plus discussion</p>	<p>Games: Volley Ball, Basketball & Frisbee</p>	<p>Continuation of Evaluation with facilitator team</p>

Time /Date	08.05. Day 1	09.05. Day 2	10.05. Day 3	11.05 Day 4
18:30-19:00 Free time				
19:00 Dinner				
20:00 – 22:00	<ul style="list-style-type: none"> • Movie Night: • Show SPACES & STREAM videos (GIZ) • “Mikrokosmos” 	Wildlife Camera Check und Analysis, <ul style="list-style-type: none"> • , KKSPA wildlife camera footage, badger film, Khangal Lake Song 	<i>Disco Night</i>	Farewell Round, Informal Gathering
22:00 Silent Time				