

# URGENT research framework for a partner institution

**The name of the partner organisation:**

Mongolian University of Life Sciences

**Contact person and e-mail address:**

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**Departments or other academic units at your organisation concerned with URGENT-related topics:**

- 1 Department of Horticulture, Forestry and Landscape architecture
- 2 Department of Ecology
- 3 Department of Land Managment

**Current and past projects implemented at your institution and concerned with URGENT topics:**

Projects that are concerned with URGENT topics have not been implemented yet.

Project title	Funding agency	Project topics concerned (2-3 keywords)	Type of the project (research, education, mobility, capacity for the organization or external stakeholders building, promotion etc)	Possible links to URGENT (joint activities, agreements, ...)

**PHD Programs available**

*A doctoral program in landscape architecture has not yet been established*

**Topics of PhD thesis (or other graduate works if you do not have a PhD program)**

*Urban ecosystem: services of landscape architecture, Architectural planning of the orchard landscape, Landscape architecture of urban plan, Tree planting technology and tools, Integrated pest management of urban green spaces*

**Key personalities at your organisation publishing on URGENT -related topics:**

<b>Name</b>	<b>Key words (2-3) describing research interests</b>	<b>Personal webpage, if applicable</b>
<b>KHANDSUREN Damba</b>	Architectural planning of the orchard landscape, Forest belt of agricultural field, Agroforestry	
<b>BANZRAGCH Dalai</b>	Plant Protection, Forest pathology and entomology, Environmental science, Environmental risk assessment, Geoarchaeology	
<b>ODONGEREL Sangidorj</b>	Landscape architecture planning, Ornamental botany, Landscape architecture art	
<b>KHISHIGJARGAL Mookhor</b>	Forest ecology, Climate change and adaptation, Forest ecosystem service, Urban ecosystem services, Forest economy and policy, Dendrochronology	
<b>BURENJARGAL Otgonsuren</b>	Plant ecology, mycorrhiza, forest soil ecology	
<b>NASANJARGAL Tovuudorj</b>	Plant physiology, Greenhouse technology, Hydroponic system, Vegetable and fruit cultivation in gobi area, Medicinal plant cultivation technology	

**Current research profile of the organization in relation to URGENT topics:**

*Urban ecosystem, Architectural planning of the orchard landscape, Landscape architecture of urban plan, Tree planting technology and tools, Integrated pest management of urban green spaces*

**Ambitions of the organization (in terms of research topics) or aspired activities in relation to URGENT topics (i.e. research collaboration agreements, phd supervision, internships for phd students to Eu partners)**

*A doctoral program in landscape architecture has not yet been established. Therefore ambitions of the School of Agroecology are to Implement a doctoral program in landscape architecture at*

*the Department of Horticulture, Forestry and Landscape architecture, improve the skills and knowledge of young teachers, and support teachers with Master's degrees in their successful defense of doctoral research.*

### **Obstacles and barriers hampering the aspired developments**

*Landscape architecture programs relatively new field in Mongolia and few research studies have been done in this field due to the lack of qualified personnel.*

### **Enabling conditions and positive factor behind your current successes in relation to URGENT -related research developments, and/or making you hopeful about your ambitions:**

*The activities which do under the Urgent Project such as improving the curriculum of the landscape architecture program, supporting doctoral research, and strengthening the training material base are very important and positive factors in achieving our future goals.*

### **Specific capacities you want to develop to reach you aspired URGENT-related research goals, such as equipment, training for academic or technical staff, access to international databases, external experts support or PhD supervision etc etc**

*We need specific training for research methodologies on Landscape architecture as well as green and blue infrastructure, to learn from good experiences, and to guide and support PhD students with other experts.*

### **Are there any national research or development policy objectives that support your current or aspired URGENT-related research developments? Please expand on this, if so**

- *Vision of Mongolia 2050 /strategic doc/*
- *Sustainable development approaches of Mongolia 2030*
- *“New Revival Policy” National program*
  - *“Billion tree” National Campaign*
  - *“Blue horse” national project*

### **What are specific enabling conditions or obstacles for the development of research training at your organization – in general, and in URGENT-related fields**

*The economic and epidemic situation is having a negative impact, such as changing or slowing down planned activities.*