



**Ulzii
Environmental
LLC**

COMPANY INTRODUCTION

www.ulziienvironmental.mn



ABOUT THE COMPANY

ULZII ENVIRONMENTAL LLC was established in 2020 with the mission to deliver comprehensive environmental consulting services across all phases of development—from planning and construction to operation and final closure—primarily in the mining, infrastructure, and broader development sectors. Our core focus is on minimizing environmental impacts, ensuring regulatory compliance, and restoring ecosystems through sustainable rehabilitation practices.

We are proud to operate with a highly skilled, multidisciplinary team composed of leading experts recognized within the environmental sector for their deep experience and technical excellence. Our operations are strengthened by the integration of modern technologies and innovative methodologies that align with both national standards and international best practices.

At ULZII ENVIRONMENTAL, we are committed to offering practical, science-based solutions that protect the environment, support resilient landscapes, and contribute to the long-term sustainability of the projects we serve.

ENVIRONMENTAL SERVICES / PROJECTS TO DATE

Disturbed land rehabilitation services (Biological and Technical rehabilitation)

175

Ha

Mine site routine environmental monitoring services

5

Projects

Tree Propagation Nursery Feasibility Studies

8

Projects

Plant propagation, reforestation and rehabilitation experiments: New technologies R & D projects

35

Projects

Environmental Assessments and Environmental Management consulting services

2

Projects

Mine closure and rehabilitation plans mining project's Conceptual /Preliminary closure plans

5

Projects

Biodiversity management consulting services

2

Projects

Reforestation studies and planning

5

Projects

OUR ENVIRONMENTAL SERVICES



Disturbed land rehabilitation services



Environmental studies



Environmental impact assessments



Site routine environmental monitoring



Environmental management consulting



Mine closure planning



Reforestation and tree propagation planning and studies



Sustainable forest management consultancy



CSR management consultancy

MISSION

We strive to deliver services aimed at protecting and rehabilitating the environment, mitigating impacts and meeting your project's environmental requirements.

OUR VALUES

- Our highly educated and experienced technical experts and consultants
- Our clients and partners
- Result oriented technical and consulting services



COMPANY SERVICES

We deliver services that meet our partners' project reliability requirements, schedules and budgets for all phases of the projects, from concept study through feasibility and design to operations. Our services are;

- Disturbed land Rehabilitation service
- R&D trial services on rehabilitation, reforestation and tree propagation
- EIA & EMP , Environmental monitoring & Biodiversity study and management
- Mine closure, rehabilitation and reforestation study, design planning & monitoring
- Forestry consultancy service
- CSR, ESG consultanting service



TEAM CAPACITY

TEAM CAPACITY



Dagdandorj Ulziibayar

BSc (Forestry), MBA Founder |
Principal Consultant | Director Ulzii
Environmental LLC

D. Ulziibayar is a highly experienced environmental professional with over 23 years of expertise in environmental protection, land rehabilitation, and sustainable resource management. Throughout his career, he has worked with mining companies, government agencies, and international development partners, providing critical input as a researcher and consultant on numerous projects aimed at improving environmental and mining sector policies in Mongolia.

Since 2020, he has applied his knowledge and field expertise to establish and lead Ulzii Environmental LLC—a professional consultancy dedicated to supporting mining, infrastructure, and development projects through:

- Environmental protection and restoration activities
- Applied research and pilot trials in rehabilitation and ecosystem recovery
- Mine closure planning, impact assessments, and post-closure monitoring
- Consulting services focused on regulatory compliance, environmental performance, and policy alignment

Under his leadership, the company has grown into a trusted partner known for its science-based approach, commitment to sustainability, and its ability to deliver tailored solutions that align with Mongolia's regulatory frameworks and environmental goals.



Kh. Bilguun

BSc (Forestry), MSc (Biology)

Kh. Bilguun is an experienced specialist with over 23 years of professional background in environmental protection, land rehabilitation, tree propagation, and forestry research. He has worked with mining companies and scientific research institutions, contributing as a researcher and consultant on various reforestation and environmental restoration projects.

Since 2021, he has been an active member of Ulzii Environmental LLC, where he is involved in:

- Rehabilitation of disturbed lands
- Conducting research and trials in tree propagation and reforestation
- Developing project plans and technical proposals
- Cultivating native plants and trees in the Gobi desert region
- Implementing biological rehabilitation techniques tailored to arid environments

Kh. Bilguun's strong scientific foundation and hands-on expertise play a vital role in designing and executing sustainable rehabilitation programs in Mongolia's dryland ecosystems.



Dr. Delgersaikhan Shamii

PhD ,Soil Scientist | Environmental
Chemical Engineer

Dr. Delgersaikhan.Sh is a soil and environmental specialist with 19 years of experience in rehabilitation, environmental monitoring, and soil and water remediation. He has participated in over 30 national and international projects, working alongside experts from Mongolia, Russia, China, Germany, the USA, Australia, Japan, and South Korea. His work focuses on soil, water, and air quality monitoring, as well as neutralization and purification of contaminated soil and water.

Dr. Delgersaikhan is highly specialized in:

- Soil genesis and classification
- Determining fertilizer and irrigation norms to enhance soil fertility
- Landscape geochemistry and environmental engineering

At Ulzii Environmental LLC, he currently leads and contributes to several technical and biological land rehabilitation projects, as well as experimental research in environmental restoration. His deep scientific knowledge and interdisciplinary approach play a crucial role in designing and implementing evidence-based, sustainable solutions for degraded land recovery and environmental protection.



R. Munkhbayer

BSc in Forestry , Mine Rehabilitation
Technology Specialist

R. Munkhbayer is a highly experienced forestry engineer and rehabilitation specialist with over 23 years of professional experience in forest management, environmental protection, and land restoration. He has developed deep expertise in the rehabilitation of waste rock dumps, establishment of protective forest belts, and the creation of green infrastructure in mining landscapes.

Since 2024, he has served as Senior Specialist in Rehabilitation and Reforestation at Ulzii Environmental LLC, where he leads the design and implementation of technical and biological rehabilitation methods for the Oyu Tolgoi mining project. His role includes developing site-specific restoration technologies that align with operational timelines and ecological objectives.

He is also actively engaged in Mongolia's national "Billion Trees" ("Terbum Mod") program, where he contributes to:

- Site selection for tree nurseries
- Preparation of feasibility studies
- Development and implementation of afforestation methodologies and technical guidelines

With his dual background in forestry and mine rehabilitation technology, Munkhbayer plays a crucial role in advancing integrated, sustainable solutions for environmental restoration in Mongolia's arid and semi-arid regions



Ts. Myadagmaa

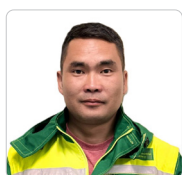
Ts. Myadagmaa MSc in
Environmental Engineering

Myadagmaa Tsolmon is an experienced professional with 12 years of expertise in technical environmental management and risk management systems. She previously worked with the international firm Jacobs/Worley on the Oyu Tolgoi underground expansion project, where she was responsible for overseeing environmental compliance and implementing sustainability initiatives.

Since 2023, she has been working as a Project Manager and Team Lead at Ulzii Environmental LLC, where she is actively engaged in:

- Mine land rehabilitation
- Environmental management consulting for mining projects
- Mine closure management planning
- Developing strategies that support sustainable development policies

environmental protection, land restoration, and sustainable resource management within Mongolia's mining sector.



B. Ochirkhuyag

BSc in Forestry

B. Ochirkhuyag is an experienced Forestry Engineer with 11 years of specialized expertise in tree cultivation, green infrastructure development, forest restoration, and environmental monitoring—particularly within the mining sector. His professional background includes the successful planning and implementation of numerous land rehabilitation and reforestation projects, with a strong focus on ecological sustainability and long-term vegetation recovery.

Since 2021, he has been a key member of the team at Ulzii Environmental LLC, contributing to: Rehabilitation of disturbed lands in mining and infrastructure projects, tree propagation and nursery management, design and execution of reforestation programs tailored to site-specific environmental conditions, environmental monitoring to assess restoration outcomes and support adaptive management.



B. Buyanjargal

BSc in Agriculture

Buyanjargal Baljinnyam is a skilled agricultural equipment engineer with 8 years of experience in land rehabilitation and tree nursery operations. He specializes in the mechanization of rehabilitation work and the operation and maintenance of rehabilitation machinery and equipment.

Since 2024, he has been part of the Ulzii Environmental LLC team, where he is responsible for: Managing the operation and maintenance of rehabilitation equipment, Ensuring the reliability and performance of technical equipments, supporting the planning and execution of rehabilitation.



E. Battulga

BSc Environmental
assessment

Battulga Enkhbat is a highly experienced environmental specialist with a 13-year track record in environmental assessment, impact mitigation, and land rehabilitation within the mining sector. He has worked extensively with mining companies to ensure environmental compliance and implement effective solutions to reduce negative environmental impacts.

Since joining Ulzii Environmental LLC in 2024, he has been actively engaged in:

Rehabilitation of disturbed mining lands, environmental monitoring and compliance reporting, providing consulting services in environmental management and restoration planning projects.

ULZII ENVIRONMENTAL LLC

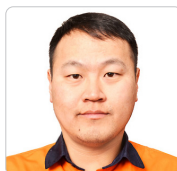


Bu. Tuvshinjargal

BSc in Environmental Rehabilitation

Bu. Tuvshinjargal is an environmental specialist with six years of experience in the Gobi region, focusing on biological rehabilitation of degraded land, tree nursery development, green space creation, and outdoor landscaping. She has successfully contributed to a variety of projects involving land rehabilitation, afforestation, degraded forest restoration, and green infrastructure planning.

Since 2024, she has been a key member of the Ulzii Environmental LLC team, where she leads and manages activities related to technical and biological rehabilitation of disturbed land, maintenance and irrigation operations, seed preparation, and planting. Her expertise in designing and implementing rehabilitation techniques adapted to arid Gobi conditions has made a significant contribution to the success of our company's environmental projects.



Ba. Tuvshinjargal

BSc in Industrial Ecology
MSc in Biology

Ba. Tuvshinjargal is an experienced environmental specialist with over 6 years of expertise in environmental management, detailed environmental impact assessment (DEIA), Environmental baseline studies, and mitigation planning and consulting. He has contributed to more than 48 environmental projects and programs, delivering high-quality assessments, monitoring, and solutions to reduce environmental risks and impacts.

Since 2024, he has been an integral part of the Ulzii Environmental LLC team, GIS-based mapping and topographic surveying using drone technology for reforestation and land rehabilitation projects. Conducting environmental monitoring and reporting. Supporting the development of restoration and rehabilitation strategies for disturbed mining areas.



ENVIRONMENTAL STUDY TOOLS & MONITORING EQUIPMENT CAPACITY

1. TSI Dust Trak 8533 DRX Aerosol Monitor (PM1.0, 2.5, 10.0, TPM)
2. Aeroqual Ranger - Portable Air Quality Monitor
3. IN-SITU dipper Water level meter 100m, 30m, Water sampling
4. PALINTEST 8000 photometer, portable device for water quality analysis
5. Soil sampler, soil density and pH meter, soil texture classification tool
6. EVO II Drone
7. DJI Mavic 3 Multispectral-RTK
8. Garmin Oregon 750 GPS –GPS





We provide seasonal and annual environmental monitoring services at mining project sites.

- 1 Mine site routine environmental monitoring
- 2 Cover biodiversity monitoring
- 3 Rehabilitation and reforestation monitoring
- 4 Scientific experiments monitoring
- 5 Topsoil storage and quality monitoring

ENVIRONMENTAL STUDIES AND MONITORING WITH DRONES

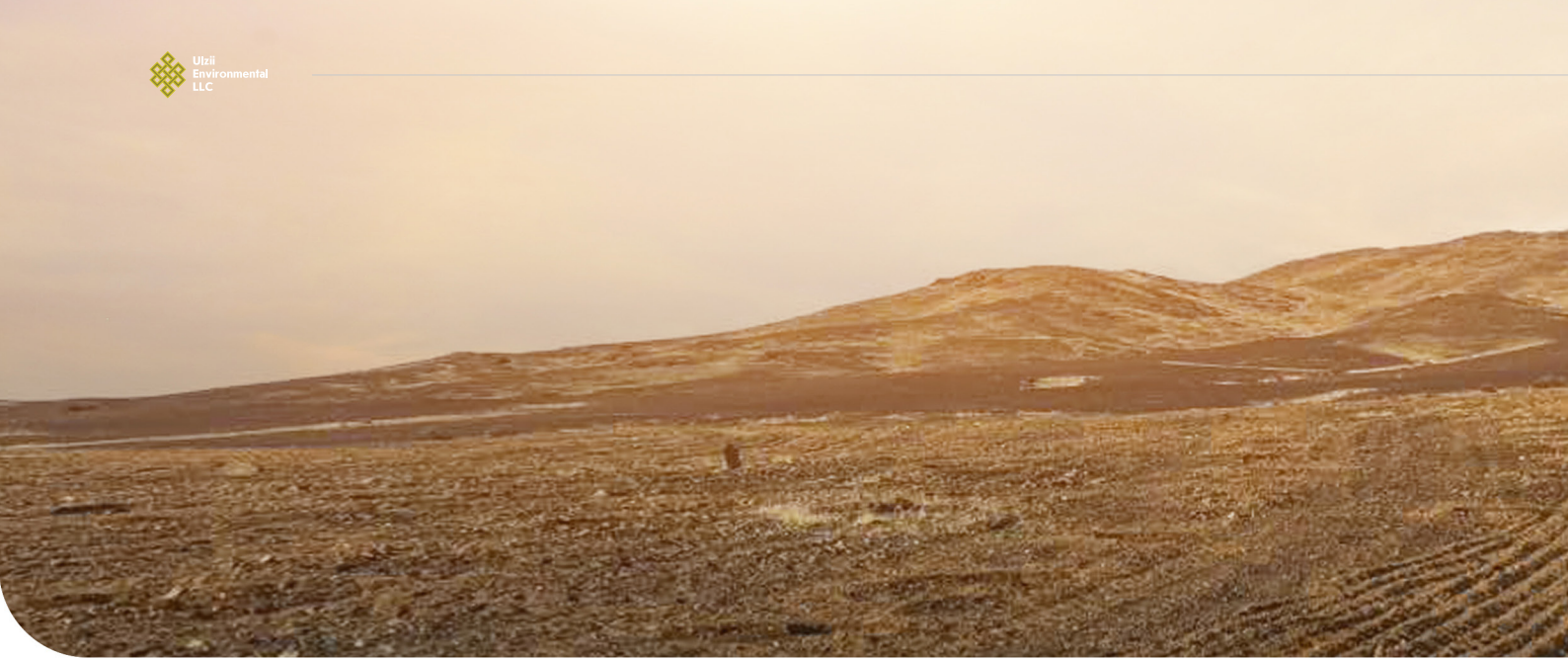
Drone mapping is a highly effective method for environmental studies and monitoring. It provides accurate spatial data that supports evidence-based decision-making in environmental management, restoration, and conservation.

Our drone-based environmental services include:

- Processing verified spatial and topographic data using professional software such as ArcGIS, QGIS, and Pix4D
- Detailed planning of reforestation and rehabilitation project sites, as well as performance monitoring and vegetation growth assessment
- Regular evaluation of vegetation cover status and monitoring of changes over time
- Conducting various environmental planning, restoration, and impact mitigation monitoring activities

This advanced technology enables precise assessments of environmental conditions and supports the development of effective, ecosystem-based solutions.





REHABILITATION SERVICES CAPACITY

In compliance with both Mongolian and international standards, we carry out land rehabilitation activities by reshaping disturbed areas to ensure safety for humans, livestock, and wildlife, and restoring them as closely as possible to their natural condition. Our approach incorporates science-based methods and innovative technologies that are adaptive to climate change and ecological conditions.

We provide disturbed land rehabilitation services through the following core methodologies:

Technical Rehabilitation of Disturbed Lands

- Ensuring site safety and reshaping the landscape
- Stabilizing slopes to prevent erosion and collapse
- Enhancing soil fertility to support long-term ecological recovery

Biological Rehabilitation (Methods)

1. Planting native seedlings
 - Containerized, Bare root
2. Sowing native seeds
 - Hydroseeding
 - Drill seedling (Bare Seed)
 - Seed balls (Seed Coating)

At Ulzii Environmental LLC, our rehabilitation practices are not limited to these methods. We continuously develop and apply innovative and climate-resilient technologies, backed by research and pilot trials, to ensure effective and sustainable ecosystem restoration in diverse environmental conditions.





REHABILITATION EQUIPMENT



Lovol.904 Tractors with
auger drill digger



Water trucks 25 tn
(North Benz)



Hydroseeder truck



(Hyundai.5TON) –
Transport truck



Light Vehicles
(Hyundai.Starex-TQ, Volkswagen.
Amorok-2H)



Lovol.TD904 Tractors
with drill seeder



Toyota Land Cruiser 200



Water trucks 25 tn
(North Benz)



EXPERIENCES UP TO DATE



Telmen Resource LLC

Total Services Provided: 1

- Key Focus Area: Environmental planning and sustainable mining practices.



Sora International LLC

Total Services Provided: 5

- Key Focus Areas: Environmental compliance and water monitoring.



Javkhant Ord LLC

Total Services Provided: 1

- Key Focus Area: Mine rehabilitation and closure planning.



Bayan Airag Exploration LLC

Total Services Provided: 1

- Key Focus Area: Preliminary mine rehabilitation planning.



Special Mining Services LLC

Total Services Provided: 1

- Key Focus Area: Environmental monitoring for explosive materials.



Steppe Gold LLC

Total Services Provided: 14

- Key Focus Areas: Environmental monitoring, biodiversity conservation, and mine closure planning.
- Reforestation planning.



Oyu Tolgoi LLC

Total Services Provided: 19

- Key Focus Areas: Soil and vegetation monitoring,
- Post-rehabilitation assessments
- OT 100M Tree program consulting service

- Tree Nursery FS
- Reforestation Planning

- Post-rehabilitation services
- Cover biodiversity monitoring
- Disturbed land rehabilitation services

- Biological rehabilitation 175 ha
- Technical rehabilitation 54 ha



Mandal Resources LLC

Total Services Provided: 1

- Key Focus Areas: Environmental monitoring, biodiversity conservation.



Erdene Mongol LLC

Total Services Provided: 2

- Key Focus Areas: Mine closure planning and air quality monitoring equipment supply.



Moenco LLC

Total Services Provided: 1

- Key Focus Area: Mine rehabilitation planning.



AMEP2 Project

Total Services Provided: 1

- Key Focus Area: Training in financial estimations for mine closure.



Growth Finance Audit LLC

Total Services Provided: 1

- Key Focus Area: Financial training for environmental management.



MERIT Project

Total Services Provided: 2

- Key Focus Areas: Supply of rehabilitation and environmental monitoring equipment.



Boroo Gold LLC

Total Services Provided: 1

- Key Focus Area: Air quality monitoring equipment supply.



QMC LLC

Total Services Provided: 1

- Key Focus Area: Environmental management planning for industrial projects FS.

Water monitoring instrument supply

- Ekhmongoliin Baigali LLC
- Zes Erdeneniin Huvi LLC
- Greentrends LLC
- Baylag Eco LLC



LICENSES

01.

Disturbed Land
Rehabilitation license



02.

Forest Inventory and Forest
Management license



03.

Environmental Study and
Impact Assessment license



MEMBERSHIPS

01.

Association of Environmental Impact
Assessment

02.

Association Forest Inventory and
Forest Management





**Ulzii
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CONTACT WITH US

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