INSTITUTE OF FORESTRY (IF)

About the Institute:

The Institute of Forestry (IF) at Mongolian State University operates under a structured organizational framework established by the decision of the Academic Council meeting on April 11, 2019. This framework facilitates effective management, research, and educational activities aimed at advancing forestry practices and conservation efforts in Mongolia. Our commitment lies in the sustainable management and conservation of forests for the betterment of our planet and future generations. Founded with a vision to foster scientific research, education, and advocacy in forestry practices, our institute stands as a beacon of knowledge and innovation in the realm of forest conservation.

The IF employs 23 staffs with 35% holding PhD degrees and 48% get a master degrees. Furthermore, we collabrate with several reseachers at prominent overseas research organizations and universities.

Academic Council:

The Institute of Forestry is overseen by an Academic Council responsible for setting strategic directions, reviewing academic programs, and ensuring the institute's adherence to academic standards. The Academic Council is composed of representatives from various organizations, including:

- Ministry of Education
- National Academy of Sciences administration
- Academy of Sciences
- Institute of Forestry management
- Representatives of researchers (required to be members of the council)

The Academic Council consists of a total of 7 members, as stipulated in the "Operational Regulations of the Forestry Institute of the National Academy of Sciences of Mongolia.

Research areas:

The institute operates with four dedicated research teams, each focusing on specific aspects of forestry research and practice:

Forest Resources Utilization: This team is dedicated to studying the sustainable utilization of forest resources, exploring methods for maximizing the benefits derived from forests while minimizing environmental impact.

Forest Resources Protection and Ecosystem Monitoring: This team focuses on monitoring and safeguarding forest ecosystems, studying biodiversity, and developing strategies for the conservation of natural habitats.

Afforestation and Forest Restoration: This team is tasked with developing and implementing afforestation and reforestation projects aimed at restoring degraded forest areas and increasing forest cover.

Agroforestry and Urban Greening: This team explores the integration of trees and forests into agricultural landscapes (agroforestry) and urban environments (urban

greening) to enhance ecosystem services, mitigate climate change, and improve human well-being.

Collaboration Approach:

The Institute of Forestry emphasizes collaboration and partnerships with government agencies, academic institutions, non-governmental organizations, and local communities to address pressing forestry challenges and achieve sustainable forest management goals.Through its structured organizational scheme and collaborative efforts, the Institute of Forestry at Mongolian State University plays a vital role in advancing forestry research, education, and conservation in Mongolia and beyond.

The leaders of the research teams at the Institute of Forestry play a crucial role in guiding the research efforts of their respective teams and ensuring the successful execution of research projects. Their responsibilities encompass a wide range of tasks aimed at advancing forestry research, fostering collaboration, and securing funding for research activities. Here are the key responsibilities of research team leaders:

Directing Research Work: Research team leaders are responsible for overseeing and directing the research activities of team members. They provide guidance, support, and mentorship to ensure that research projects are conducted effectively and efficiently.

Developing Research Areas: Research team leaders identify and develop research areas that align with the institute's priorities and objectives. They explore emerging trends, gaps in knowledge, and areas of potential impact to shape the direction of research within their teams.

Developing Research Projects: Research team leaders conceptualize, design, and develop research projects that address specific research questions or objectives. They collaborate with team members to formulate research methodologies, develop work plans, and set project timelines.

Approaching Funding Organizations: Research team leaders proactively seek out and engage with international and domestic funding organizations, funds, and programs that support forestry research. They cultivate relationships with funding agencies, present research proposals, and explore funding opportunities that align with their research priorities.

Funding: Research team leaders lead the effort to secure funding for research projects by preparing grant proposals, budgets, and supporting documents. They work closely with team members to develop competitive funding proposals and navigate the grant application process.

Performing Contractual Work: Research team leaders may engage in contractual work with external organizations, such as government agencies, non-governmental organizations, or private companies. They negotiate contracts, manage project deliverables, and ensure that contractual obligations are met.

Collaboration and Networking: Research team leaders foster collaboration and networking opportunities within the scientific community, both nationally and

internationally. They participate in conferences, workshops, and collaborative research initiatives to enhance the visibility and impact of their research teams.

International cooperation:

The Institute of Forestry at Mongolian State University actively engages in international collaboration with foreign universities and academic institutions to foster knowledge exchange, advance research initiatives, and promote professional development in the field of forestry. Through various collaborative endeavors, the institute strengthens its global network, enhances research capabilities, and contributes to the sustainable management of forest ecosystems. Key aspects of international collaboration include: Joint Research Projects, Exchange of Scientific Information, Conferences and Seminars, Personnel Training, Technical Assistance.

Examples of Long-term Collaborations:

- China, Korea, Japan: The Institute of Forestry maintains longstanding collaborations with several universities from China, Korea, and Japan, including Shinshu University, Hokkaido University, and University. These partnerships encompass joint research projects, academic exchanges, and collaborative initiatives aimed at advancing forestry science and promoting sustainable forest management practices.
- Johannes Gutenberg University of Mainz, Germany: The institute collaborates with Johannes Gutenberg University of Mainz, Germany, on research projects, academic exchanges, and joint initiatives focused on forest ecology, biodiversity conservation, and climate change mitigation.

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