



Beijing Forestry University Prospectus 2026

Discover
Your Next Chapter in
**Grassland
Science**

OVERVIEW

The School of Grassland Science at Beijing Forestry University was established in November 2018 to address China's strategic needs in grassland conservation, ecological restoration and sustainable management. Despite being the youngest school at BFU, the school encompasses four secondary disciplines: grassland science, turfgrass science, forage science and grassland protection. The school offers a Bachelor of Science in Agriculture, and master's and PhD degrees in grassland science. Currently, the school boasts a faculty of 67 members, offering more than 30 courses, and actively participating in over 100 national and provincial research projects.

The school places significant emphasis on academic exchanges and international cooperation both at home and abroad. Previously known as the Discipline of Grassland Science the school conducted an international program in "turfgrass management" with Michigan State University from 2003 to 2017. Over the last two decades, faculty and students have established relationships with over 20 universities worldwide, including those in the United States, Canada, the United Kingdom, Denmark, Japan, South Korea, and Australia. Most faculty members have experience visiting, studying or working in institutions abroad. Additionally, dozens of renowned international scientists have visited the school for academic exchanges and cooperation. In the past decade, the school has hosted or organized seven major international academic conferences, expanding its global reach and influence.

The school committed to achieving excellence in grassland science, and aims to attain international recognition as a leading education and research institution.

Examples of Courses Offered at the Postgraduate Level

- Grassland Ecology
- Ecological Restoration
- Advanced Grass Breeding
- Grassland Plant Nutrition
- Grassland Pest Management

THE DISCIPLINE OF GRASSLAND SCIENCE

China possesses the world's most extensive grassland resources, covering an area of nearly 400 million hectares, which accounts for 40% of the country's total land area. The grassland ecosystem plays a crucial role in the overall terrestrial ecosystem. Given the new demands of national ecological construction, environmental protection and sustainable development, grassland science is poised to become a vital discipline in the field of ecological construction.

Grassland Science is grounded in the study of grassland resources and grassland ecology. This discipline encompasses a range of areas, including the collection, assessment and development of grassland plant germplasm resources, the breeding of superior grassland vegetation to restore grass species, the examination of material circulation and energy flow in various types of grassland ecosystems to uncover the service functions they provide and assess the value of ecological services, research into grassland biogeochemistry and ecological hydrological processes, and the exploration of mechanism for preserving grassland ecosystem biodiversity and improving grassland ecological service functions. All of these efforts aim to provide theoretical and technical support for the protection and sustainable utilization of grassland ecosystems.

Key Research Directions

- Grassland Ecology

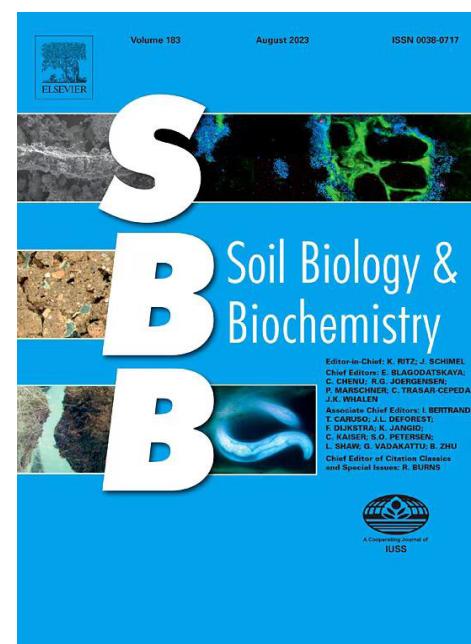
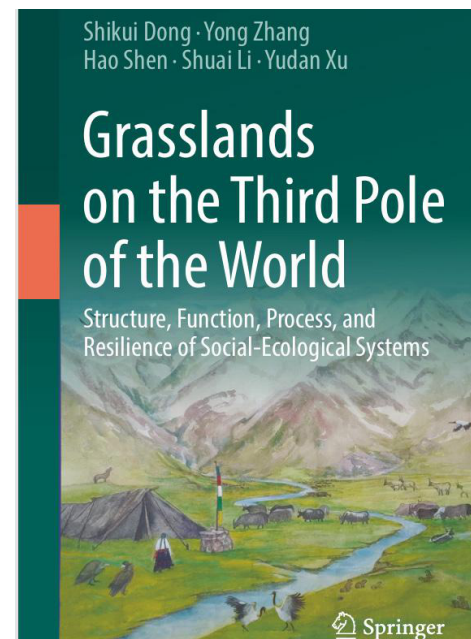
This area applies ecological and systematic perspectives and methods to investigate ecosystem structure, function, material production, energy flow, material circulation, ecological regulation, ecological restoration, and more. It draws from various intersecting fields, such as population ecology, landscape ecology, restoration ecology theory, grassland soil microbial ecology, and grassland ecological hydrology, to offer theoretical and technological contributions for the efficient, balanced and sustainable development of grassland ecosystems.

- Grassland Resources

This research focuses on the fundamental elements of grassland resources, including the distribution, quantity, protection and utilization of grassland plant resources and their genetic germplasm resources. The objective is to provide theoretical and technical support for protecting and utilizing grassland plant resources.

SCIENTIFIC RESEARCH

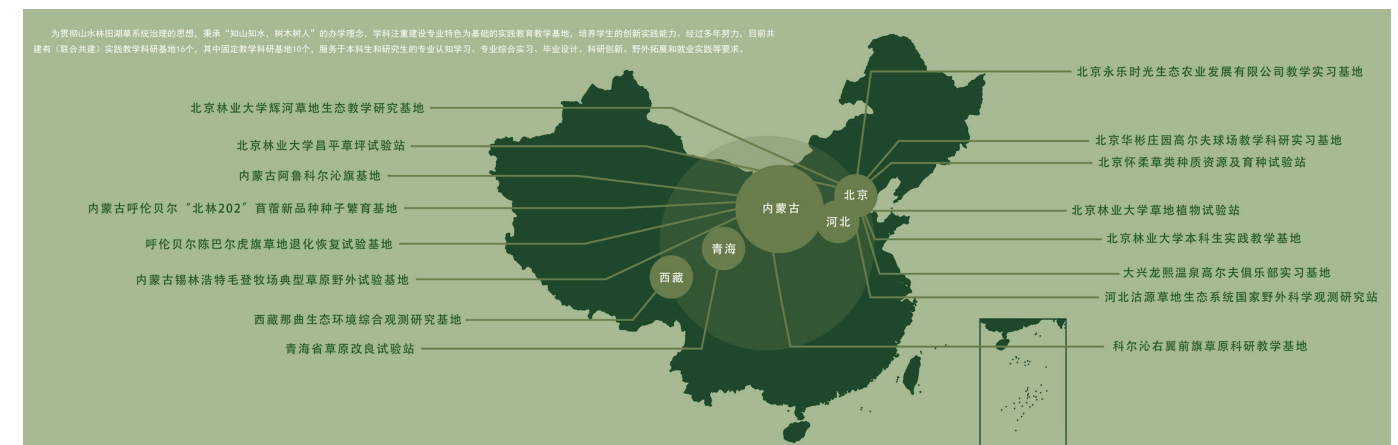
- From 2019 to 2024, the faculty of the School led a total of 332 research projects, including 108 national and provincial-level projects funded through the National Key R&D Plan and the National Natural Science Foundation, with a total funding of over 100 million Chinese Yuan. The faculty published over 300 papers in high-level journals such as Nature Sustainability, The Innovation, The ISME Journal, Global Change Biology, Soil Biology and Biochemistry, Agriculture/Ecosystems and Environment, and Catena, published 8 books, won 7 provincial level science and technology awards, led the development of 13 national and industry standards, and were granted over 20 national invention patents and utility model patents.



over 300 papers in high-level journals

RESEARCH PLATFORMS

- From 2019 to 2024, the School has newly established five provincial/Ministry level scientific research platforms, including the Horqin Grassland Ecosystem National Observation and Research Station, Engineering and Technology Research Center for Sports Field and Slope Protection Turf, National Forestry and Grassland Administration, the Inner Mongolia Forest Grassland Transition Zone Grassland National Permanent Scientific Research Base, the National Grassland Industry Innovation Alliance, and National Alliance of Technology and Innovation on Turfgrass. The School has five university-level platforms, including the Center for Grassland Resources and Ecology, the Turf Research Institute, the China Grassland Research Center, the Smart Grassland Development Research Center, and the China Grassland Strategy Research Center, and has 17 off-campus teaching and scientific research bases across the country.





AVAILABLE SCHOLARSHIP TYPES

Check out the full range of scholarships and assess your eligibility to apply.

english.bjfu.edu.cn

ic.bjfu.edu.cn

- Chinese Government Scholarship (CGS)

- Beijing Government Scholarship (BGS)

STARTING AT BFU

01

Find Your Program and Review the Admission Requirements

Check your eligibility and find the best program for you.

02

Submit Your Application Form and Required Documentation

Complete your admission application form and select your scholarship application intention in the [BFU International Application Portal](http://bjfu.at0086.cn/student) (bjfu.at0086.cn/student). Submit your application materials as well.

03

First Round of Application Review

You may be requested to resubmit your application if your supporting documents need to be updated.

04

Complete Your Application Fee Payment

The application fee needs to be successfully paid after the first round of review.

05

Second Round Application Review

Your application will be reviewed by distinguished committees of the schools at Beijing Forestry University.

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Wait to Hear from Us

FACULTIES



Dong Shikui

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Grassland ecological protection and restoration, grassland ecological monitoring and evaluation, grassland resource utilization and management.



Ji Baoming

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Mycorrhizal Ecology, Microbial Ecology, Grassland Ecology, Plant-Soil Feedback.



Xiao HaiJun

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Pest of Grassland.



Gai Yunpeng

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Gene editing technology and precision molecular breeding for herbage and ecological grass; Bioinformatics and big data analysis of grassland industry; Grassland comparative genome, population genomics, genome database construction; Gene clustering algorithm for microbial secondary metabolites; Molecular biology, gene function and transcriptional regulation of grassland plant fungi; Plant diseases and control, plant pathogen mycology and phylogenetic analysis of grassland. Proficient in R and Perl language programming.



Feng Wenting

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My research focuses on how ecosystem management and climate change affect the biogeochemical cycling of soil organic matter from molecular scale to landscape scale, particularly the processes and mechanisms of soil organic matter stabilization and decomposition.



Xu Lixin

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GrassBreeding, grassabioticstress physiologicalandmolecularmechnism.



Yang Juejie

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Grassland Ecology, Soil Ecology, Global Change Ecology.

CONTACT US

Application Related Questions

Student Recruitment and Admissions

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Program Related Questions

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