

WORKSHOP OUTLINE

Mountain ecosystems are intricately linked to both biological invasions and climate change, presenting dual challenges to their ecological integrity. These environments, characterized by diverse species adapted to specific microclimates along elevational gradients, are particularly vulnerable to shifts in temperature and precipitation patterns brought about by climate change. In view of growing anthropogenic pressures as temperatures rise, plant and animal species may migrate upslope in search of cooler conditions, potentially introducing invasive species into higher altitudes where native species have not evolved defences against them. Furthermore, climate change can alter habitat suitability and disrupt the delicate balance of interactions between species, exacerbating the impacts of invasive species. Together, these factors pose significant threats to mountain biodiversity, necessitating adaptive management strategies that address both biological invasions and climate change to safeguard these vital ecosystems for future generations. Hence, this workshop brings together the world's top ecologists to brush shoulders with the young students and faculty of University of Kashmir and other institutions to deliberate upon different thematic areas under the title "mountain ecology and biological invasions" and together find better solutions and roadmap ahead for effective management of mountain ecosystems and conservation of unique biodiversity they inhabit.



BENEFITS OF ATTENDING

The workshop is an opportunity for participants to have an understanding of the ecology of plant invasions in mountain ecosystems. The resource persons of the workshop are global leaders in invasion ecology including Dr Jake Alexander and Dr Simone Fiori from ETH, Zurich, Switzerland. The participants will become confident and comfortable in venturing into different aspects of biological invasions in mountain systems that would help them become part of solution to this global problem.

THEMATIC AREAS

- ◆ Mountain ecology
- ◆ Biological invasion in mountain ecosystems: a global perspective
- ◆ Climate change and shifting vegetation patterns
- ◆ Collaborative distributed studies: premises, promises and pitfalls

REGISTRATION

Registration starts from: **24th June, 2024**

Registration deadline: To guarantee your seat, please ensure to register by **28th June, 2024**

No TA/DA will be provided for participation in the workshop. However, the participants will be served light refreshments during the workshop. Participants who require accommodation during the workshop will have to make their own arrangements. The finally selected participants would be intimated.

Scan
QR Code



For
REGISTRATION

<https://botany.uok.edu.in/Main/UserForm.aspx?Form=MEABI>

INTERNATIONAL WORKSHOP

ON

Mountain Ecology and Biological Invasions

(JULY 2 - 3, 2024)

Sponsored under



RUSA 2.0

Organized by



Department of Botany
University of Kashmir, Srinagar

Venue: Department of Botany
University of Kashmir, Srinagar, 190006, J&K, India



ABOUT THE DEPARTMENT

The Department of Botany's modest seed, planted in 1961 and nurtured by renowned botanists, scientists, and naturalists, has grown into a massive tree, its branches bursting with blooms of scholarship and dispersing fruits of excellence. Since its inception, over a half-century ago, the Department has made tremendous growth, reaching numerous milestones. The Department has evolved into a mega-entity that includes important adjuncts such as an internationally recognised herbarium (KASH), the Centre for Biodiversity and Taxonomy (CBT), and the Kashmir University Botanical Garden (KUBG), which features a high altitude garden at Gulmarg. Rare distinction of running major international and national projects, and earning two levels of special funding by the Department of Science and Technology, Govt. of India under its Fund for Improvement of Science & Technology Infrastructure (FIST) scheme and grant of Special Assistance Programme (SAP) by the University Grants Commission (UGC), testify to the achievements of the Department in teaching and research.



ADDRESS FOR CORRESPONDENCE:

All communications with respect to the workshop should be made to:

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ABOUT THE UNIVERSITY

The University of Kashmir, located at Hazratbal, Srinagar, is flanked by the world-famous Dal Lake on the east and Nigeen Lake on the west under the foothills of Zabarwan mountains and alongside the Holy Hazratbal shrine. The University's Main Campus, which covers 247 acres, is separated into three parts: Hazratbal Campus, Naseem Bagh Campus, and Mirza Bagh Campus (the latter serving for residential purpose), besides having three satellite campuses (North Campus, South Campus and Kupwara Campus). The tranquil ambience of the Campus makes it ideal for serious intellectual discourse and research studies. Over the years, the University has strived for excellence in its curriculum and activities. The National Assessment and Accreditation Council of India (NAAC) has re-accredited it as a Grade-A+ university and it figures in top 50 Universities of the country currently at Rank 33 under NIRF 2023. This is recognition and reflection of the high standard of quality in teaching and research at the University of Kashmir.

