

## National Seminar on

Climate Change, Biodiversity and Urban Environment:  
Current Trends and Challenges  
in the Conservation of Urban and Peri-urban Biodiversity

On 26<sup>th</sup> April 2019

### Registration Form

Name: \_\_\_\_\_

Designation \_\_\_\_\_

Academic Qualification \_\_\_\_\_

University/Organization \_\_\_\_\_

Address \_\_\_\_\_

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Mobile/Phone \_\_\_\_\_

E mail \_\_\_\_\_

Title of Paper \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date

Signature

Please send this form to:

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University School of Environment Management

Block-A

Guru Gobind Singh Indraprastha University

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Vice Chancellor

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# National Seminar on

Climate Change, Biodiversity and Urban  
Environment: Current Trends and Challenges  
in the Conservation of Urban and  
Peri-urban Biodiversity



On 26<sup>th</sup> April 2019

Venue: D-Block Seminar Hall,  
Guru Gobind Singh Indraprastha University  
Sec. 16 C, Dwarka  
New Delhi-110078



Organized by  
University School of Environment Management  
Guru Gobind Singh Indraprastha University  
Dwarka, New Delhi  
[www.ipu.ac.in](http://www.ipu.ac.in)



## National Seminar on

### *Climate Change, Biodiversity and Urban Environment: Current Trends and Challenges in the Conservation of Urban and Peri-Urban Biodiversity*

#### Background

Urbanization is a key driver of global environmental change and linked to urban climate and climate change. Urbanization impacts the atmosphere's regulatory ecosystem services that augment climate variability at the local, regional and global scales. The accompanying climate consequences can lead to increased risk exposure for urban citizens and vulnerabilities for urban biodiversity. Understanding the role of urbanization in climate change and urban climate change risk, and in vulnerability is critical for the production of effective climate change mitigation and adaptation measures, promotion of sustainable urban habitats and transition to increased urban resilience for sustainability. Urbanization coupled with industrialization, technical advancement and economic growth have led to tremendous improvement in quality of life, these anthropogenic activities have also resulted in increased ecological footprints depleting and degrading more and more of the earth's natural resources, polluting the air, water and soil, leading to loss of biodiversity and causing alarming problems.

In 2015, United Nations General Assembly set 17 global goals including Global Warming, Water, Health, Sanitation, Energy, Urbanization and Environment. These Sustainable Development Goals are part of resolution 70/1 of the United Nations General Assembly, "Transforming our World: the 2030 Agenda for Sustainable Development".

Ever increasing urbanization together with air pollution and cascading effects of climate change on water resources, biodiversity and livelihood are imminent.

The seminar is aimed at providing a forum for interaction and deliberations among scientists, researcher scholars, academicians and policy makers from different parts of the country on such important aspects on climate change, biodiversity and urban environment including peri-urban areas.

The Seminar will have following major themes and sub-themes:

#### ***Climate Change & Urban Environment***

- Climate Change Vulnerability and Urban Ecosystem
- Urban Green Spaces Designing
- Smart City Programme
- Climate Change, Air Pollution and Human Health
- Novel Ecosystem
- Biodiversity and Wellbeing
- City Biodiversity Index
- Peri-Urban Adaptations for Sustainable Cities
- Climate Change and Disaster Risk Reduction

#### ***Urban Livelihood & Community Participation***

- Urban Tourism, Linking Conservation with Livelihood
- Ecosystem Services
- Biodiversity and livelihood
- Religion-Community-Conservation
- Sustainable Solid Waste Management in Cities
- Natural infrastructure for building climate resilience
- Peri-urban agriculture and climate change adaptations
- Remote Sensing and GIS in Urban Development

#### ***Urban Aquatic Systems***

- Ecology and Health of Urban Wetlands
- Water and Wastewater Treatment
- Sustainable Urban and Peri-urban Ecology for Flood Mitigation
- Peri-urban Water Security, Urbanization and Climate Change
- Constructed wetlands and Phyto-remediation
- Urban Wetland –Avian Refuse
- Urban wetlands in a changing climate
- Policy and Legal Instruments for Conservation

#### ***Submission of Abstract and Full Papers***

The organizing committee welcome submission of abstracts from researchers, academic professionals, scientists and research scholars for presentation in conference on any of the themes and subthemes mentioned above through email [nscbue.usem@gmail.com](mailto:nscbue.usem@gmail.com)

The abstract should include title of the paper, name(s) of authors, their affiliation, email of the presenting author. The abstract should be concise and limited to 250 words, printed in Times New Roman (body) (11 pt.) in MS Word (word 97-2003/2007/2016 document). It should have 4-5 key words, following standard format and authors guidelines of scientific journal "Biodiversity and Conservation".

After acceptance of the abstract, full length paper (maximum 8 pages) has to be submitted in the following format:

Abstract  
Introduction  
Material and Methods  
Results and Discussion  
Conclusion

The Committee will select abstracts for

- Oral presentation (8 min + 2 min of discussion) in technical sessions.
- Poster presentations (preferably portrait of 2\*3 ft. in size)

#### ***Key Dates:***

***Last date of submission of Abstract***

***April 20<sup>th</sup>, 2019***

***Last notification date for acceptance of Abstract***

***April 22<sup>nd</sup>, 2019***

***Last date of submission of full length paper***

***May 10<sup>th</sup>, 2019***

#### ***Registration (on spot registration)***

Scientist/Faculty Member	₹800
Ph.D. /Research Scholar	₹ 500
UG/PG Student	₹300

The selected quality papers after review will be published in Conference proceedings with ISBN number.

#### ***Guru Gobind Singh Indraprastha University***

Guru Gobind Singh Indraprastha University established by Government of NCT of Delhi in 1998 is a NAAC accredited "A" Grade university that impart profession education in emerging areas of higher education in the disciplines of engineering, technology, management studies, medicine, pharmacy, nursing, education and law. Besides producing technically skilled and professionally well equipped manpower for best career prospects, the university has excelled in its research activities in the frontier areas of these subjects in tandem with present days needs of the industry and society.

#### ***University School of Environment Management***

The School was established in the year 1998 to build a pool of trained environment professional to contribute towards significant solutions to environmental problems and sustainability. This is the only School of Environment in the country that imparting Master degree in three unique specialized areas equipping the students with enhanced employability skills in teaching, research and corporate sector.

- (1) M.Sc. Environment Management: The focus is on training the students as Environment Professional in different sectors like industry, Climate change mitigation, Energy Technologies, Environmental microbiology, Pollution abatement and Health Safety, EIA and Environment Management.
- (2) M.Sc. Biodiversity & Conservation: The students are trained as conservation biologists and taxonomists, well equipped to work in areas of exploration of floral and faunal wealth, wildlife conservation, urban biodiversity parks and biodiversity experts in smart and sustainable cities for future generations.
- (3) M. Sc. Natural Resource Management: The students are trained for industry and development sector along with a balance to meet the livelihood needs of the community in a sustainable manner.
- (4) Ph.D. Programme: The school is actively engaged in research in emerging areas of Environment Management and Conservation using geo-spatial, eco-technological, bio-technological and modelling tools.