



**International Web Conference**

**on**

# **Understanding Urban Ecosystem and Moving towards Sustainability**

**August 22<sup>nd</sup> – 24<sup>th</sup>, 2022**



**Organized by**

**Department of Geography**

**Patna Women's College (Autonomous)**

**Patna University, Patna (Bihar)**

**In collaboration with**

**Loreto College, Kolkata**

**University of Calcutta, Kolkata (West Bengal)**

**Second Circular**

## **About the College**

Patna Women's College (Autonomous), the first college for women in Bihar is a premier institution of higher education run by the Catholic Religious Sisters of the Apostolic Carmel. The college has been accredited by NAAC with 'A' grade for three consecutive cycles. The college also has been accorded with the 'College with Potential for Excellence (CPE)' status from the UGC. The University Grants Commission (UGC) has conferred Autonomous status to Patna Women's College in January 2018. The college provides quality holistic education through 26 UG Degree Programmes, 10 PG Degree Programmes, 4 PG Diploma Programmes, Bachelor of Education Programme and a Community College.

## **Focal Theme of the Conference**

Modern day urban centres consist of large metropolises, huge population, industries, high rise buildings, good transportation, better education, employment opportunities, health facilities and civic amenities. Cities around the world are growing rapidly and majority of them are growing sustainably. In 2021, 56.61 percent of the World Population lived in urban areas, which is expected to be more than 68 percent by 2050.

Urban Ecosystem is any ecological system located within a city or other densely populated areas. In case of urban ecosystem, the biological complex includes human population, their demographic characteristics, their institutional structure, social and economic tool they employ, the physical complex including human population, their demographic characteristics, their institutional structure and social and economic tools they employ. The physical complex includes buildings, transportation network, parking facilities, energy use, pollution, waste, and excessive heat in urban core areas. The growing urban population over the last two decades has increased the expected problems of infrastructure, housing, education and health services, pollution, and environmental degradation manifold. In addition, there has been an increase in crime rates, social abuses, poverty, growth of slums and so on.

Communities around the world including those in urban areas are facing the dangerous, irreversible climatic challenges. Many cities around the world are working with multifarious ideas to move towards sustainable cities. In the next forty years, one can expect the doubling of the global urban population and doubling of the global urban infrastructure. So urban infrastructural investment will depend on whether the people will be locked into resource inefficient fossil fuel dependent urban infrastructural lifestyle, or they will be able to live in a healthy environment with more sustainable lifestyle. The cities must be sustainable in terms of energy, inflow and outflow of the water, food, solid waste generation and disposal. The cities must strive to become smart and sustainable considering the well-being of the future generations.

## Sub-Themes

- Trends of urbanization in the World
- Trend of Urbanization in post-independent India
- Urban systems
- Ecology of cities and towns
- Urban environmental issues
- Urban societies
- Amenities and Services
- Changing landscape & land-use of urban centers
- Urban economy
- Women Work-force
- Urbanization and Gender Issues
- Urban governance
- Smart City – Concept, development & Challenges
- Urban problems & Slum improvement
- Urban Planning
- Towards Sustainable Development
- Sustainable Development Goals
- Any other relevant topic/issue

## Call for papers

Research papers are invited on any of the sub-themes listed above. Participants are required to send the abstract to [pwc.geog@gmail.com](mailto:pwc.geog@gmail.com) after paying the requisite fee and completing the online registration. The abstract should be typed with double space in Times New Roman (12-font size) or Kruti Dev 010 (10-font size) and should be within 250 to 300 words in MS Word format. Abstract should carry title of the paper, affiliation(s) and e-mail address of the author(s). Full research paper should not be more than 3000 words.

**Note:** Selected articles will be published in an edited book with ISBN number.

## Registration details

Registration fee for paper presentation is **INR 500 for faculty members** and **INR 200 for research scholars & students**. There is **no fee** for participation.

Link for registration is provided below:

1. For all institutions –  
<https://forms.gle/Wc8iBMQgbDqG3wbK9>
2. For Partner Institutions through Xavier Board, India-  
<https://forms.gle/WipY6XyYMQmjoE9K6>

3. For Participation only

<https://forms.gle/XdBMsYkGBqFKncW78>

### Important dates

Registration and submission of abstract : **By 1<sup>st</sup> August, 2022**

Submission of full paper : **By 16<sup>th</sup> August, 2022**

### Payment details

Account Name : PRINCIPAL\_PWC  
Account Number : 85970200000018  
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### Organizing Committee

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Principal, Patna Women's College (Autonomous)  
**Dr. Sister Christine Coutinho**  
Principal, Loreto College, Kolkata

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Head, Dept. of Geography, Patna Women's College, Patna

**Co-convenor** : **Dr. Debasree Sinha**  
Assistant Professor, Dept. of Geography, Loreto College, Kolkata

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