Sixth International Conference on Computational Intelligence in Communications and Business Analytics (CICBA-2024)
January 23-25, 2024
National Institute of Technology Patna, India

Organized by: National Institute of Technology Patna, India

Call For Papers (CFP) for the Special Session
Digital Water Solutions: Navigating the Future of Sustainable Resource Management

Digital Water Solutions: Navigating the Future of Sustainable Resource Management is a significant investigation into the convergence of technology and the responsible management of natural resources. During this session, we will explore the utilization and potential future advancements of digital innovations in the field of water resource management. The utilization of various technologies such as data analytics, Internet of Things (IoT), and remote sensing has become crucial in enhancing the efficiency of water treatment processes, distribution networks, and conservation initiatives. By utilizing real-time data and employing predictive analytics, it is possible to take proactive measures in addressing water quality concerns and improving distribution efficiency. When considering the future, the potential scope of digital water solutions is vast. The proposed approach encompasses the utilization of artificial intelligence for the purpose of predictive maintenance, the implementation of blockchain technology to ensure transparency and security in water transactions, and the extension of the coverage of smart water meters. The workshop provides an exploration of the pragmatic implementations and prospective advancements of these strategies in attaining sustainable water resource management. In light of the increasing worldwide population and the dynamic climate conditions, the utilization of digital tools becomes imperative in ensuring the preservation and sustainability of our most invaluable water resource.

Invited Speakers:

Dr. Amlan Chakrabarti
Professor & Director, A.K. Choudhury School of Information Technology, University of Calcutta.

Dr. Jyoti Gautam
Digital Water Program Steering Committee Member IWA 2022-24

Topics include (but are not restricted to):

- Smart Water Infrastructure
- Internet of Things (IoT) in Water Management
- Data Analytics and Big Data in Water Management
- Predictive Analytics
- Sustainable Water Use
- Wastewater Treatment Innovations
- Cyber security for Water Systems
- Global Challenges
- Blockchain in Water Transactions
- Remote Sensing and GIS
- Community Engagement
- Policy and Regulation

Special Session Program Chairs:
- Dr. Arindrajit Pal, Academy of Technology
- Dr. Subhasis Dasgupta, University of California San Diego

All the selected papers will be published in Communications in Computer and Information Science (CCIS) Springer Nature

Submission guidelines: Papers should have a maximum of eight A4 pages (including figures, tables, and complete authors' affiliations). For details, please see the CICBA-24 website (submission). Manuscripts, to be reviewed double-blind, must be prepared with LaTex2e (use Springer class file llncs2e.zip) and must also adhere to Springer plagiarism policies.

Note: Authors are kindly asked to send their paper ID and paper title to arindrajit@gmail.com regarding the special session

Formatting Guidelines: https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines

Submission Link: https://easychair.org/conferences/?conf=cicba2024.

Website: www.cicba.in   Email: arindrajit@gmail.com   Mobile/ Whatsapp: +919433250749

Registration Fees:

	Foreign Author	Academician/ Industry (Conference ONLY)	Student/ Scholar (Conference ONLY)	Pre-Conference Tutorial	Academician/ Industry (Tutorial + Conference)	Student/ Scholar (Tutorial + Conference)	
	$ 300	Rs. 8K	Rs. 6K	Rs. 4K	10K	Rs. 7K	

Important Dates
Conference Duration: **January 23-25,2024**
Paper Submission Deadline: **October 30, 2023**
Acceptance Notification: **November 15, 2023**
Camera Ready Submission & Registration Deadline: **December 15, 2023**