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Chairman: ISH Aurangabad Local
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Local Centre

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CALL FOR PAPERS

The papers related to the themes mentioned above and related with water resources and environmental engineering are invited from the faculties of engineering colleges and polytechnics, working engineers, scientists, research scholars, PG students and NGO's working in related areas.

GUIDELINES FOR SUBMISSION OF PAPER

The full text of paper is to be limited to a maximum of 8 A4 size papers including tables and figures. typed in Times New Roman and single spacing. The paper must include name, full contact address and email of the corresponding authors. The guidelines for authors are available on conference website. Authors are expected to submit the full length paper in soft copy through **EasyChair link**. The Selected papers will be published in conference proceedings in e-book form by publisher with ISBN number.

LINK FOR SUBMISSION OF PAPER

<https://easychair.org/conferences/?conf=swardam2021>

REGISTRATION FEES

There will be no registration fee for Authors and Participants
For details of the Conference please visit Conference Website on
<http://swardam2021.geca.ac.in/>

REGISTRATION LINK

<https://forms.gle/WeN8h5UZwQhuvsxf8>

IMPORTANT DATES

Last Date of Submission of
Full length papers: 20 February 2021
Acceptance of Paper: up to 22 February 2021

THEMES

- River basin management, Irrigation planning and management
- Watershed development and management, Rainwater harvesting, Artificial recharge
- Impacts of climate change on water resources planning and management
- Groundwater issues and modeling
- Mathematical modeling and simulation techniques in water resources and environmental engineering
- Application of Soft computing techniques and GIS to water resources and environmental engineering
- HEC-RAS, SWAT, MIKE, MODFLOW models applications
- Socio-economic aspects and governance in the water sector
- Water Quality, Waste water treatment and Management
- Storm water management
- Conveyance and Water Distribution Systems
- Any other topic related to water resources engineering

Online International Conference On

Sustainable Water Resources Development and Management

(SWARDAM-2021)

8-9 March 2021

Sponsored by

**Technical Education Quality Improvement Programme
(TEQIP- Phase III)**

In Association With

**Ujjain Engineering College, Ujjain, (M.P.)
(Under TEQIP-III-Twinning Activity)**



Indian Society for Hydraulics (Aurangabad Local Centre) **Indian Water Resources Society** (Aurangabad Local Centre)

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INTRODUCTION

Water is a precious resource on which the well-being of future generations depends and grows. The judicious management and protection of the existing sources is a way to meet the ever increasing future demand. The various issues related with water such as quality, quantity, management and planning are of vital importance.

This conference is primarily intended to focus on such issues for the benefits of water resource faculties /engineers / policy makers/ scientists working in the field of planning, design, construction, maintenance and research and development. The recent technological and scientific developments associated with the management of surface and sub-surface water resources along with climate change scenario and sustainability issue will be presented in the conference.

THE INSTITUTE

The Institute has been established in 1960 to meet the growing demand for technical man power in the State of Maharashtra. The Government College of Engineering, Aurangabad is one of renowned institute in Maharashtra. and its establishment has fulfilled the aspirations of people of Marathwada region. The institute offered UG programs in Civil, Mechanical and Electrical, Electronics and Telecommunications, Computer Science and Engineering and Information Technology. The Post-graduate programs leading to Masters Degree in Engineering have been introduced in the year 1986. The institute is functioning as an autonomous institute affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad since academic year 2006-07. The Institute is situated in the heart of Aurangabad city at about 1 Km from railway station, sprawling over a campus of around 22 acres. The institute has been selected for funding under TEQIP-Phase-III, during which the focus will be on PG, Ph.D. programmes, research and development activities.

DEPARTMENT OF CIVIL ENGINEERING

Department of Civil Engineering is one of the oldest department offering one undergraduate and 2 postgraduate programmes. The postgraduate programme includes M.E. Civil- Water Resources Engineering (Full Time) and M. E. Civil-Soil Engineering (Part-Time). The department is recognized as a Quality Improvement Programme (QIP) Centre since 2012 for faculty members from other institutions to carry out their research leading to Ph.D. degree. The department has excellent laboratories to cater to both UG, PG and research programmes.

ISH Aurangabad Local Centre

The Indian Society for Hydraulics (ISH) is a technical, educational and non-profit-making voluntary organization. ISH provides a forum for knowledge dissemination among engineers, academicians, researchers and scientists working in the area of hydraulics and allied disciplines. Its headquarter is at CWPRS, Pune. ISH has awarded Aurangabad Local Centre to Dept. of Civil Engineering, Govt. College of Engineering Aurangabad in October 2015 for undertaking different activities for the benefit of Research Scholars, Post Graduate students, working engineers and society.

IWRS Aurangabad Local Centre

Indian Water Resources Society (IWRS) was founded in 1980 with its headquarters at IIT Roorkee. The main objective of IWRS is advancement of knowledge in technical and policy aspects of water resources development and management. IWRS serves as a platform for free and frank discussions amongst those concerned with water related issues. IWRS has awarded Aurangabad Local Centre to Dept. of Civil Engineering, Govt. College of Engineering Aurangabad in October 2015 for undertaking different activities for the benefit of Research Scholars, Post Graduate students, working engineers and society.

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***Selected papers of the conference will be published in**

1) "Journal of Indian Water Resources Society", IIT Roorkee

2) "Journal of Indian Association for Environmental Management", CSIR-NEERI, Nagpur