

CONFERENCE THEMES

- ❖ Water Resources Planning.
- ❖ Groundwater Exploration, Development and Modeling
- ❖ Intelligent & Sustainable coastal water management.
- ❖ Decision support systems.
- ❖ Application of ANN, fuzzy logic and genetic algorithms.
- ❖ Issues and challenges in river basin management.
- ❖ Floods and Drought management.
- ❖ Climate change, mitigation and adaptation.
- ❖ Application of GIS and Remote Sensing for water and Environmental management.
- ❖ Sustainable Irrigation management.
- ❖ Reservoir Operation.
- ❖ Sustainable Rainwater harvesting and recharge methodologies.
- ❖ Sustainable Storm water management.
- ❖ Urban Water and Environmental management.
- ❖ Water Conservation practices.
- ❖ Surface Water quality and pollutant control.
- ❖ Intelligent Solid Waste Management.
- ❖ Current trends in Wastewater Treatment.
- ❖ Strategies for sustainable Environmental management.
- ❖ Intelligent waste disposal.
- ❖ Air pollution control and management.
- ❖ Industrial waste Management.

CALL FOR PAPERS

SUBMISSION OF ABSTRACT

Abstract of research papers based on original work related to the themes (not exceeding 250 words) of the conference are invited latest by **February 20, 2018** and the acceptance will be notified by **February 28, 2018**. The authors of the accepted abstracts are requested to submit the full length papers latest by **March 9, 2018**. The abstract of the papers can be sent to stiwem2018@gmail.com.

WHO CAN PARTICIPATE

Seminar is open for Academicians, Scientists, Research Scholars, Post Graduate students, Engineers, Water managers and Industrial waste managers of related disciplines.

REGISTRATION FEE

Academicians	: Rs. 1000/-
Research Scholars	: Rs. 500/-
Industrial Participant	: Rs. 1500/-

Registration fee includes admission to all technical sessions, conference kit, lunch, refreshments and proceedings. Accommodations for outstation participant will be provided on their request at the University guest house on separate payment as per the tariff. Registration fee is to be paid only through Demand draft in favour of "**The Registrar, Annamalai University**" payable at **Annamalai nagar, Chidambaram**.

DATES TO BE REMEMBERED

Last date for submission of Abstract	: 20 th February 2018
Acceptance notification	: 28 th February 2018
Submission of full length Paper and Registration	: 9 th March 2018
Seminar Date	: 22 nd & 23 rd March 2018

Venue : **GJR hall, FEAT, Annamalai University**

ADDRESS FOR CORRESPONDENCE

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Organizing Committee

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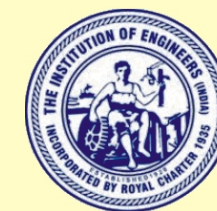
National Seminar on SUSTAINABLE TECHNOLOGIES FOR INTELLIGENT WATER AND ENVIRONMENTAL MANAGEMENT (STIWEM-2018)

22nd & 23rd MARCH-2018

Sponsored by



UGC - SAP - DRS phase-II
In Association With



THE INSTITUTION OF ENGINEERS (INDIA)

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DEPARTMENT OF CIVIL ENGINEERING
(Accredited with "A" grade by NAAC)
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

REGISTRATION FORM

National Seminar on

SUSTAINABLE TECHNOLOGIES FOR INTELLIGENT WATER AND ENVIRONMENTAL MANAGEMENT (STIWEM-2018)

22nd & 23rd MARCH-2018

Name of the participant :
Designation and Department :
Name of the Institution :
Address for communication :
Telephone/Mobile No. :
E.mail :
Participant category :
Academic / Industry / Research Scholar
Accommodation required : Yes / No
Details of Payment of
Registration fee :
Demand Draft No. / date :
Name of the Bank / Branch :
Title of the Paper :

Date
Place

Signature of the applicant

ABOUT THE UNIVERSITY

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

Annamalai University is one of the largest unitary, teaching and residential Universities in Southern Asia comprising of 10 Faculties and 49 Departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

One of the most significant developments is the enactment of the Annamalai University Act, 2013, which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2017" by the Ministry of Human Resource Development (MHRD) has ranked the University as 20th in Tamil Nadu and 92nd in India in the overall category. In the University Category the ranking is 14th in Tamil Nadu and 56th in India. In the Pharmacy Category the ranking is 2nd in Tamil Nadu and 13th in India. "The Times Higher Education World University Ranking - 2018" has ranked Annamalai University in 801 - 1000 for overall category and 401 - 500 for Life Sciences category.

"The CWTS Leiden Ranking 2017", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 14th based on the number of publications and 3rd based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The Nielsen - India Today Ranking" (2017) has ranked Annamalai University 11th among the top 30 Universities in India. Among the top 100 institutions for Higher Education in India the "Scimago Institutional Ranking" has ranked Annamalai University as 4th in Tamil Nadu and 20th in India.

ABOUT THE DEPARTMENT

The Department of Civil Engineering presently offers undergraduate programme in B.E (Civil), Postgraduate programmes in Environmental Engineering, Water Resources Engineering & Management, Environmental Engineering & Management and Ph.D in Civil Engineering. The Department has adequate number of well qualified faculty and has produced 52 Ph.Ds in the past 15 years. The Department has been recommended for UGC-SAP DRS phase-II with a financial assistance of Rs.100 lakhs.

The Department has strong infrastructure with well equipped Hydraulic, Environmental, Survey and Computer laboratories. Under UGC-SAP, AICTE and other funding agencies, the Department has received grants through major and minor research projects worth about Rs.225 lakhs. The Department had MOU / collaboration for student exchange programme with Fukii University, Japan. The centre for Environment, Health and Safety (CEHS) an integral part of the Department, is accredited as EIA consultant by QCI under NABET scheme for MoeF & CC for several industrial sectors. The centre has completed industrial consultancy worth about 100 lakhs and also pursuing work for about 300 lakhs.

PREFACE

India is one of the few countries that is endowed with abundant land and water resources. Majority of its population relies on agriculture for sustenance. Since independence, considerable efforts have been made for attaining food security to meet the increasing demand of food for its growing population and there has been a remarkable success. Undoubtedly, the Green Revolution technologies during 1960s addressed the challenge of food security, enhanced the yield with better irrigation prospects and successfully increased crop production using high yielding seed varieties.

Now the ever increasing population pose significant challenge to the food security. Access to potable drinking water and sanitation is yet to be achieved, which would boost mankind's health and welfare. Nonetheless, still more than 20% of the world's population does not have access to water, and nearly half of the population lacks proper sanitation facilities. Even though many lessons have been learned over the past, water supply and sanitation has shifted from being a purely technical issue to a field in which community participation and health education have received more attention. Integral water and sanitation management has become more of a rule than an exception. The enduring changes in the environment and the increasing input of emerging contaminants into the ecosystem requires higher research to understand the primary and secondary effect of contaminants and needs novel techniques, conceptual and methodological approaches in relating pollution and ecological alterations and to achieve the targets of Sustainable Development Goals (SDG's).

ABOUT THE SEMINAR

The central concern of this seminar is to bring together scientific experts of various fields and representatives of the government departments and water managers, NGO's and others with an intention to exchange expertise from different perspectives.

KEY NOTE SPEAKERS

Eminent academicians, scientists and working engineers of relevance drawn from leading institutions and research organizations will deliver the Key note address and Chair the Technical sessions.