



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

BROCHURE KEY DEADLINES

Deadline of
Abstracts:
November 20th, 2020

Acceptance of
Abstracts
November 22nd, 2020

Full Paper
Submission
December 02nd, 2020

Submit your Abstract
<https://tinyurl.com/y6ap88uh>

Last Date for
Registration
December 01st, 2020

Registration Link
<https://tinyurl.com/y58erlgh>



VIRTUAL INTERNATIONAL CONFERENCE ON

INNOVATIONS IN WATER RESOURCES AND WASTE MANAGEMENT **03-04 DECEMBER 2020** **(I W R W M - 2 0 2 0)**



Organized by

Centre for Remote Sensing and Geoinformatics
Col.Dr. Jeppiaar research park, Chennai, India

In Association with

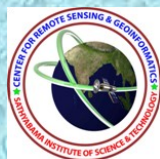
Faculty of Environmental Engineering,
The University of Kitakyushu, Japan

School of Applied Sciences,

Mongolian University of Science and Technology, Mongolia

Indian Society of Remote Sensing—Chennai Chapter, India

**and Federation of Indian Chambers of Commerce and
Industry (FICCI)**



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Director (Research)

Sathyabama Institute of Science and Technology, India

ABOUT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

Sathyabama Institute of Science and Technology formerly known as Sathyabama Engineering College was established in 1987 by Col. Dr.Jeppiaar. It is a premier institute imparting knowledge in the areas of engineering, science, technology and education. The institution's progress and contribution to the field of technical education for over two decades resulted in granting Deemed University status on 16th July, 2001. The Institute has been awarded as Category "A" by Ministry of Human Resources Development (MHRD), Government of India and accredited by NAAC with Grade "A" in 2017, certified with DNV-GL ISO 9001 standard and offering exemplary education during last 29 years. Sathyabama Institute of Science and Technology (Deemed to be University) offer 27 UG programmes level and 41 PG programmes in all disciplines. The Institute holds great promise to expand the applications of space technology, benefiting the common man and enriching the quality of life in association with Indian Space Research Organization (ISRO). We have written a special page in the history of space research on 22nd June, 2016 with the launch of "SATHYABAMASAT" in association with ISRO. The launch of "SATHYABAMASAT" and accolades received in world platforms is a specimen. National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India has ranked SATHYABAMA at 37th position in Engineering category, 45th position in University category and this has been possible due to the untiring efforts of staff, students and management with positive academic ambience.

ABOUT THE CENTRE FOR REMOTE SENSING AND GEOINFORMATICS

Centre for Remote Sensing and Geoinformatics (CRSG) is the first research centre and innovation centre managed by Sathyabama Institute of Science and Technology to focus on Advance Remote Sensing and GIS applications in interdisciplinary aspect. Centre has been established in 2004 as a joint initiative of Indian Space Research Organisation (ISRO) Government of India, Bangalore and Sathyabama Institute of Science and Technology, Chennai to fulfill the goal of establishing advanced centers in frontier areas of Science and Technology. To its credit CRSG was considered as a nodal centre for conducting Geospatial training programme supported by NRDMS-DST, New Delhi, IIRS-Dehradun and ISRO-NNRMS, Bangalore. CRSG plays a key role in interdisciplinary research and development through trainings/workshops and transfer of technology. Centre has successfully completed many nationally funded research projects, while some are still ongoing and few are initiated which are sponsored by various Agencies and research organizations like Department of Science and Technology (DST), Bharatiya Nabikiya Vidyut Nigam Ltd. (DAE-BHAVINI), National Institute of Wind Energy (NIWE), Science and Engineering Research Board (SERB), Indian Space Research Organisation (ISRO), and Ministry of Earth Sciences (MoES). Centre gathers and disseminates the knowledge to public in undertaking various application projects/training/seminars/workshops/conferences in the field of Geospatial Technologies.

ABOUT IWRWM-2020

Water resources and wastewater play a vital role in our daily life. The water resources system is becoming complex and more challenging due to increasing demands and changing climates. Sustainable waste management, sanitation, and resources conservation are fundamental requirements of the nation. Thus, proper management of the available water resources (surface and groundwater), flood and drought controls, and improvement of water quality must be addressed in an advanced level of sustainable development of the environment. Various innovative techniques related to water resources management will be discussed for exchanging the knowledge and expertise to enrich the understanding in this field. Municipal Solid Waste (MSW) generation and its management issues are intensified by hasty population growth, economic development, and urbanization. Disposal of solid wastes is a widespread problem in both urban and rural areas in many developed and developing countries. Therefore, comprehensive solid waste management systems and practices also need to be discussed thoroughly. This conference aims to find solutions to these challenges of waste recycling and water resources. The objective of the conference is to provide a platform for scientists, researchers, practitioners across the globe to discuss and share their knowledge in the wide fields of waste recycling technology and water resource engineering towards sustainable developments.

CALL FOR PAPERS

Researchers, Academicians, Scientists and Professionals are invited to present their original work, experience and innovations as a technical paper in the conference themes. The submitting papers should not have been presented /published before in any other national or international conference/ journal. **The abstract submissions can also be accepted by electronic e-mail attachment to nagamani@sathyabama.ac.in.** The abstract should not exceed 300 words. Submitted abstracts will be peer reviewed and authors of selected abstracts will be intimated / requested for submission of the full length paper. The accepted abstracts will be published in the conference proceedings with ISBN No. Official conference language is English. All papers visuals for presentations and other documents must be in English only.

Only accepted full length papers from the conference will be published in Springer Scopus/WoS Indexed Journal with extra publications cost basis.

CALL FOR PAPERS

Theme 1: Integrated Water Management
Theme 2: Water Quality Modelling
Theme 3: Floods and Droughts Management
Theme 4: Urban Water Management
Theme 5: Climate Change Impacts on Hydrology
Theme 6: HEC-RAC, SWAT, MIKE, MODFLOW Models Applications
Theme 7: Numerical Analysis in Water Resources Engineering
Theme 8: Soft Computing Techniques and Applications in Water Resources

Theme 9: Remote Sensing / Geospatial Techniques in Water Resources and waste Management
Theme 10: Waste management Technique and Sustainable Development
Theme 11: E-Waste Recycling and Management
Theme 12: Waste Water Recycling
Theme 13: Industrial Waste Recycling
Theme 14: Chemical Waste Recovery
Theme 15: Food Waste Recycling
Theme 16: Agriculture Waste Recycling

REGISTRATION FEES

Category	Registration Fees
Academicians/Scientists/Research Scholars	INR. 1000/-
UG/PG Students	INR. 500/-

Payment Account Details

Account No. 6569293542,

Bank: Indian Bank, Branch: Sathyabama University ,

IFSC Code: IDIB000S201,

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It is mandatory to include candidate name, center, and purpose (Name of the Conf.)

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Sathyabama Institute of Science and
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Deputy Director
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Mr.Sanjeev Kumar
Deputy Director
FICCI

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Faculty of Environmental Engineering,
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Professor, Department of Life and Environment
Engineering,
Faculty of Environmental Engineering,
The University of Kitakyushu, Japan
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Profesator, Department of Life and Environment
Engineering,
Faculty of Environmental Engineering,
The University of Kitakyushu, Japan
Dr. Takaaki Kato,

Professor, Department of Life and Environment
Engineering,
Faculty of Environmental Engineering,
The University of Kitakyushu, Japan
Dr.V. Ulziibayar,

Scientific Secretary, School of Applied Sciences,
Mongolian University of Science and Technology,
Mongolia

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Professor, Department of Physics, School of
Applied Sciences, Mongolian University of
Science and Technology, Mongolia
Dr.D.Nyamsuren,

Professor, Department of Mathematics, School of
Applied Sciences, Mongolian University of
Science and Technology, Mongolia
Dr.M.Narantsetseg,

Asso. Professor, Department of Chemical
Engineering, School of Applied Sciences,
Mongolian University of Science and Technology,
Mongolia

Dr. Yonik Meilawati Yustiani,
Asso. Professor, Department of Environmental
Engineering, Faculty of Engineering,
The University of Pasundan, Indonesia

Dr.Hafizul Khair AM,
Lecturer, Department of Environmental
Engineering, Faculty of Engineering, University
of Sumatera Utara, Medan, Indonesia

Dr. Imas Komariah,
Spatial Planning Researcher, Ministry of
Agrarian and Spatial Planning, Indonesia

TECHNICAL COMMITTEE

Dr. Carolin Arul,
Asso. Professor, Centre for Water Resources,
Anna University, Chennai, Tamil Nadu, India
Dr. S. Saravanan,
Asso. Professor,
Department of Civil Engineering,
NIT, Trichy, Tamil Nadu, India
Ms. Priyadarshini,
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Dr. Mitsuharu Terashima,
Asso. Professor, Department of Chemical and
Environmental Engineering,
Faculty of Environmental Engineering,
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Dr. Atsushi Fujiyama,
Asso. Professor, Institute of Environmental
Science and Technology,
The University of Kitakyushu, Japan
Dr. A. Dorjgotov,
Senior Lecturer, Department of Chemical
Engineering, School of Applied Sciences,
Mongolian University of Science and Technology,
Mongolia.

CONVENERS

DR. K. NAGAMANI

SCIENTIST C
CENTRE FOR REMOTE SENSING AND GEOINFORMATICS
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI, TAMIL NADU, INDIA
MOBILE: +91-8939267132
EMAIL: nagamani@sathyabama.ac.in

DR. TORU MATSUMOTO

PROFESSOR
FACULTY OF ENVIRONMENTAL ENGINEERING
THE UNIVERSITY OF KITAKYUSHU
JAPAN
MOBILE: +81-93-695-3231
EMAIL: matsumoto-t@kitakyu-u.ac.jp

DR. ANOOP KUMAR MISHRA

SCIENTIST F & HEAD
CENTRE FOR REMOTE SENSING AND GEOINFORMATICS
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI, TAMIL NADU, INDIA
MOBILE: +91-8220340854
EMAIL: anoop.crsg@sathyabama.ac.in

AMGALAN MAGSAR

FACULTY OF ENVIRONMENTAL ENGINEERING
THE UNIVERSITY OF KITAKYUSHU
JAPAN
MOBILE: +81-50-5532-8972
EMAIL: y7dac001@eng.kitakyu-u.ac.jp

CO-CONVENERS

DR. B. PRABU DASS BATVARI

SCIENTIST C
CENTRE FOR EARTH AND ATMOSPHERIC SCIENCES
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI, TAMIL NADU, INDIA

DR. S. PACKIALAKSHMI

ASSO. PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI, TAMIL NADU, INDIA

CONTACT US

Dr. K. Nagamani
Email: nagamani@sathyabama.ac.in
Dr. Anoop Kumar Mishra
Email: anoop.crsg@sathyabama.ac.in

Dr. Toru Matsumoto
Email: matsumoto-t@kitakyu-u.ac.jp
Ms. Amgalan Magsar
Email: y7dac001@eng.kitakyu-u.ac.jp