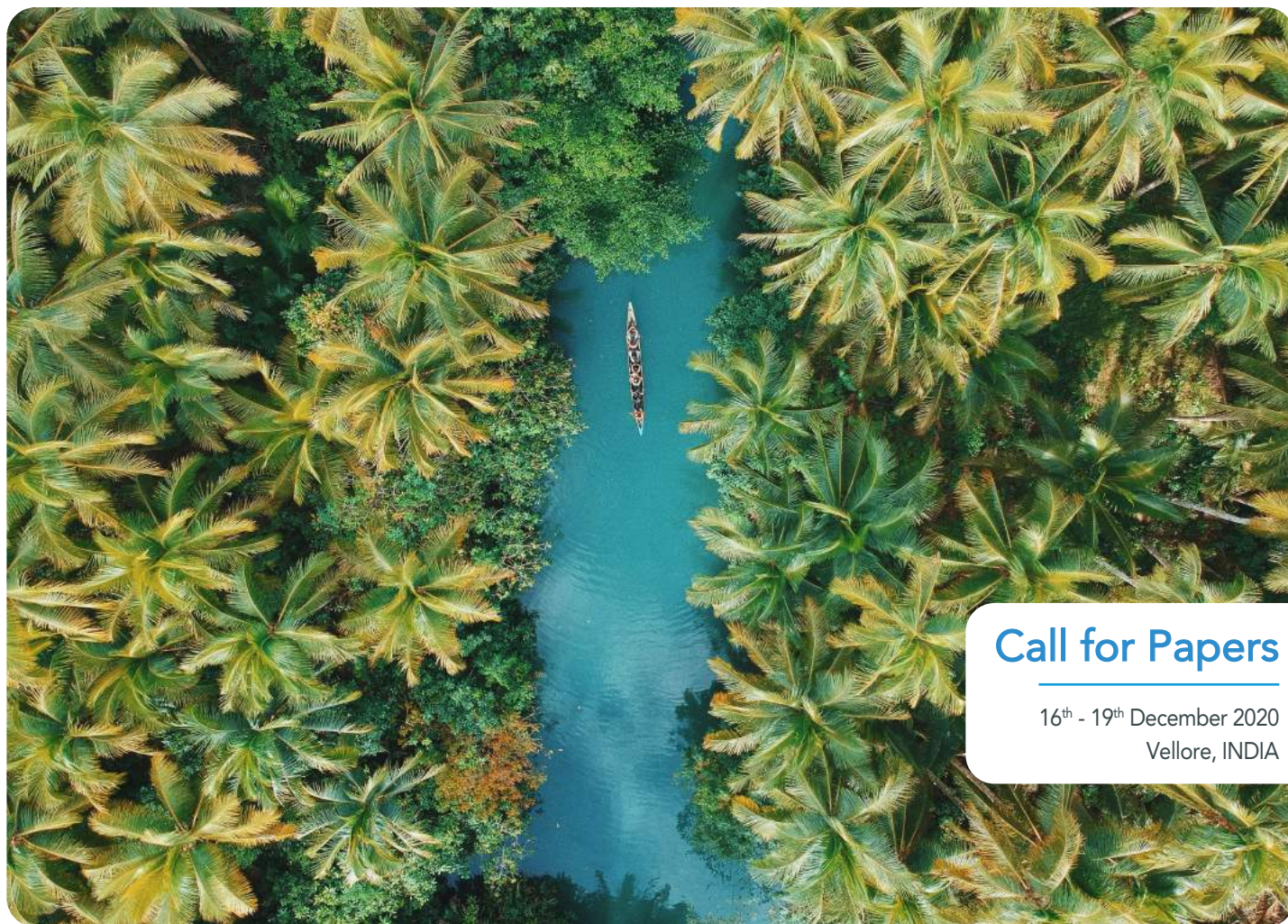


# 1<sup>st</sup> Trans-Asia IWA Young Water Professionals Conference on Smart Technologies for Water and Wastewater Treatment



## Call for Papers

16<sup>th</sup> - 19<sup>th</sup> December 2020  
Vellore, INDIA



### Organised by



### Co-organised by





## Smart Technologies for Water and Wastewater Treatment

Water has made its way into almost every aspect of human life and has become the most indispensable natural resource. However, various anthropogenic activities are threatening its very existence. If the judicious utilization of the remaining supplies is to be ensured, it is our responsibility as human beings to search for viable alternatives. Fulfilling the growing demand and evading a global water crisis requires the community to develop and innovate new prospects in water technology to provide sustainable solutions. Hence, we propose to convene IWA - YWP First Trans-Asia Conference on Smart Technologies for Water and Wastewater Treatment at VIT, Vellore from 16<sup>th</sup> - 19<sup>th</sup> December, 2020.

## The International Water Association

The severe water challenges that the world faces today require a united global response. With representatives from more than 130 countries worldwide, the International Water Association (IWA) forms the largest international network of water professionals working towards a world that is water wise. They focus on a wide range of areas that contribute to effective water management across the world. The innovative and service-oriented solutions to various challenges will be rigorously debated amongst the members and then fomented. The International Water Association is an open, yet ordered platform on which both innovators and adopters of new technologies and approaches can generate creative friction. It is definitely a place for the diffusion of thoughts and an evidence of success establishing benchmarks of their own.

## Young Water Professionals

IWA invests in Young Water Professionals by empowering them within the association to plan their course of work in the water sector. The Young members will be able to build their careers through this network, by connecting and contributing to the water sector, developing professionally as well as gaining a noteworthy profile. It is clear that the water sector should invest in recruitment, management and development of young staff, as well as put them at the forefront of designing current change processes. It is not a concern of the future, but the present and now!

## Vellore Institute of Technology

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor, Dr. G. Viswanathan. Since its inception, the institution has grown exponentially into the organization of repute that it has become today. It was conferred the university status in 2001 in recognition of its excellence in academics, research and extra-curricular initiatives. VIT has been consistently ranked among the best institutions of the country, and is aspiring to emerge as a global leader. The National Institution Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India.

## Goals of the Conference

The rapid rate of degeneration and deterioration of water has become a serious global concern. Innumerable efforts are being taken to reinforce the judicious use of the fast depleting water resources. Technology primarily plays a significant role in the advancement of wastewater management techniques. IWA Technoscape aims to achieve the following goals that serve a pivotal role towards inaugurating a sustainable environment :

- Bring together water professionals to address the existing state of water resources, contribute plausible ideas and inculcate better water management practices to meet the colossal demand.
- Offer a platform to share prodigious knowledge about advanced and smart technologies for water and wastewater treatment.
- Provide a holistic view on the latest water research and insights on some of the modern technologies such as IoT, Remote Sensing and Geographic Information System (GIS).
- Focus on transdisciplinary research to facilitate a systematic approach towards challenges.

## Themes

01. Wastewater and Water Reclamation / Reuse
02. Storm Water, Green Infrastructure and Wet Weather Management
03. Optimal management of water resources
04. Ecosystem- Engineering, Management and Restoration
05. Sludge stabilization, Utilization and Disposal of Industrial wastewater
06. Water Governance
07. Smart/Innovative treatment technologies involved in wastewater treatment
08. Hybrid and Novel Desalination processes
09. Sustainable Development Goals - SDG6
10. Non-Revenue Water Management and Ecological Sanitation
11. Energy/Resource Recovery and Reuse
12. Agri-Industrial wastewater management
13. Smart Farming
14. Digitalization of water
15. Hydro-Informatics
16. Mathematical Modeling and Optimization
17. GIS and Remote sensing
18. Big Data/Data Analysis



## Key Dates

**15 AUG**  
2019

Call for Papers  
Open

**1 FEB**  
2020

Abstract  
Submissions  
Close

**1 MAR**  
2020

Notification to  
Authors and  
Registrations  
Open

**1 AUG**  
2020

Early Bird  
Registrations  
Close

**1 OCT**  
2020

Full Paper  
Submissions  
Close

**15 OCT**  
2020

Registrations  
Close

## Submission Procedure

Authors willing to have their papers considered for Platform, Poster or Three minute thesis presentation, may submit an abstract (max 2 pages) via the IWA-YWP Technoscape online submission and review portal. A template can be downloaded from the conference website. All submissions will be assessed based on their scientific content, novelty and relevance to the scope of the conference and selected after recommendations from reviewers.

## Publications

Authors of the papers accepted for the conference will be given the opportunity to publish their work in the supporting journals. The acceptance is subject to peer review by the Conference Scientific Committee and payment of registration fee. The conference will be supported by IWA and Springer indexed journals like

- Water Science and Technology (IWA Publications) - <https://iwaponline.com/wst>
- Water Practice and Technology (IWA Publications) - <https://iwaponline.com/wpt>
- Water Supply (IWA Publications) - <https://iwaponline.com/ws>
- Environmental Chemistry Letters (Springer Publications) - <https://link.springer.com/journal/10311>

## Registration

	Low Income Country			High Income Country		
	Early Bird	Regular	Onspot	Early Bird	Regular	Onspot
Non - IWA	200 €	300 €	400 €	400 €	500 €	600 €
IWA	125 €	200 €	300 €	250 €	350 €	500 €
YWP (Student)	100 €	150 €	200 €	175 €	275 €	400 €
Accompanying Delegate	75 €	100 €	150 €	100 €	150 €	250 €

\*VAT excluded;

\*\*IWA to provide specifications, sponsor to provide merchandise/artwork

- Check IWA High/Low income country classification here - <https://tinyurl.com/y67gxep1>
- A student is defined as a holder of student identification card from a recognised higher education institution or a holder of an international student card. Proof of student status is required and should be sent to [iwatechnoscape2020@gmail.com](mailto:iwatechnoscape2020@gmail.com) at the time of registration.
- For Cancellation and Refund policy, kindly refer to the website.



# Destination

## INDIA

India is a land of unparalleled beauty ranging from snow-capped mountains to hot deserts. It is endowed with a variety of landscapes, natural features and weather conditions and moments of magic await the explorer in every state, in every corner.

There exists a myriad of cultures comprising influences which also include Portuguese, Dutch, French, Mughals, Persians and British nuances. Agriculturally driven, the country is home to lush paddy fields, spectacular sunrises, colorful places of worship and rock cut structures and pristine clear waters that offer a wonderful experience.



## TAMIL NADU

Tamil Nadu, India's southernmost state has a lot to offer with unique festivals, the classical language 'Tamil' and the people who epitomize the Indian tradition of putting guests before oneself.

Its ancient architectural marvels go as far back as two millennia of which some are world heritage sites. The fervor of fans, their unique love and frenzy for cinema and the culinary experience can rival even the best in the world.

It has a beautiful 1000 km coastline, with golden sands, lush vegetation and twisted gorges cascading into a series of spectacular waterfalls. Not to forget the juxtaposition of 'Shola forest and grassland ecosystem' and the beautiful mountainous regions.



## VELLORE

"They've kept the tale a hundred years, They'll keep the tale a hundred more" – Sir Henry Newbolt

With its bright blue sky, the hillocks and the hot sun, Vellore, 'The City of spears' is located on the banks of the River Palar in Tamil Nadu. The magnificent Vellore fortress in the heart of the city is the finest and one of the best-preserved specimens worthy of being called a marvel of military architecture. The city surrounded by hills, facing the lovely sundown, puts on a purple tinge like a heather bloom to greet us with tropical temperature.



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## Contact Us

### Dr. Mahesh Ganesapillai

Conference Chair  
Associate Professor  
School of Chemical Engineering  
Vellore Institute of Technology  
Vellore, Tamil Nadu

✉ - maheshgpillai@vit.ac.in

☎ - +91-97902-99447

### Dr. Aruna Singh

Conference Co-Chair  
Associate Professor  
School of Chemical Engineering  
Vellore Institute of Technology  
Vellore, Tamil Nadu

✉ - arunasingh@vit.ac.in

☎ - +91-99624-07722





## TOWARDS A SMART WATER FUTURE



FIRST TRANS-ASIA YWP CONFERENCE