

One - Day International Webinar on  
**Sustainable Water Resources Management in Asian Cities:  
Challenges & Opportunities**

25<sup>th</sup> October 2021  
9.00 – 12.30 (India Time)/12.30-16.00 (Japan time)



**Organized by**

Andhra University, Andhra Pradesh, India

In cooperation with

United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS)  
Tokyo, Japan

& Rajiv Gandhi University of Knowledge Technologies (RGUKT),  
Srikakulam, India

The conservation of water resources and the supply of safe water to people is a top policy priority for India, the second-most populated country where 18% of the world's population reside. In reality, however, several challenges are ahead for the country to achieve the objective: rapid land use changes, fast-paced urbanization, and growing industries and population are inducing the degradation and over-extraction of existing renewable water resources, causing the contamination of up to 70 percent of water supply; the risks of climate change and COVID-19 impose an extra burden and pressures on available water resources, implying that the country may face extreme water stress in the future. To overcome the challenges above, sustainable water resource management is an urgent task especially in coastal districts in India, where water is scarce while enormous industries and households are raising water demand. How could we ensure water availability and sustainable management for all to satisfy both human and economic needs? Taking Visakhapatnam district in Andhra Pradesh, India, as a case example, the one-day international webinar will examine key challenges and opportunities to discuss how effective water management policies could improve sustainable water management without forfeiting economic development.



# Programme

Time (India/Japan)	Presenters
09:00-09:05 (12.30-12.35)	<b>Welcome Remarks</b> Prof. M. Prasada Rao Andhra University, Visakhapatnam, India
09:05-09:15 (12.35-12.45)	<b>Opening Remarks</b> Prof. K.C. Reddy Chancellor & Chariman of the Governing Council, RGUKT-A.P.
09:15-09:30 (12.45-13.00)	<b>Keynote Remarks-I</b> Dr. G. Srijana Commissioner, Greater Visakhapatnam Municipal Corporation, Visakhapatnam, India
09:30-09:45 (13.00-13.15)	<b>Keynote Remarks-II - Overview of UNU-IAS Water Research on Water &amp; Economy</b> Prof. Kensuke Fukushi Academic Director, UNU-IAS, Tokyo, Japan
09:45-09:50 (13.15 – 13.20)	Photo Session (TBC)
09:50-10:10 (13.20 – 13.40)	Dr. Geetha Mohan, UNU-IAS, Tokyo, Japan Research presentation: <i>'Economic Value and Sustainability of Water'</i>
10:10-10:30 (13.40 – 14.00)	Dr. Saroj Kumar Chapagain, UNU-IAS, Tokyo, Japan Research presentation: <i>'Environmental Value and Sustainability of Water'</i>
10:30-10:50 (14.00-14.20)	Sri. K. Subbaraya Sastry, Joint Director (GW), PMU, APIIATP, CADA, Water Resources Department, Vijayawada, India <i>'State-level policy perspective: water resource management challenges in Andhra Pradesh'</i>
10:50-11:10 (14.20-14.40)	Prof. P. Jagadeeswara Rao Director, Rajiv Gandhi University of Knowledge Technologies (IIIT), Srikakulam, India <i>'Water quality in Visakhapatnam – challenges and pathways'</i>
11:10-11:30 (14.40-15.00)	Question & Answers Session (MC: Dr Geetha Mohan)
11:30-12:10 (15.00-15.40)	Panel Discussion (Moderator: Prof. Kensuke Fukushi) 8 minutes each  <i>"How could policy planning and implementation help ensure sustainable water management in cities in India? "</i>  <ol style="list-style-type: none"> <li>1. Dr. Lal Krishna, Managing Director, Ramky Pharmacy. (Industry)</li> <li>2. Mr. Karthik Chandan, Programme Director, VJNNS, Visakhapatnam (NGO)</li> <li>3. Dr. Ch. Radhika Rani, Associate Professor, NIRD&amp;PR, Hyderabad (Rural Development)</li> <li>4. Dr. Amarender Reddy, Principal Scientist, ICAR- Central Research Institute for Dryland Agriculture, Hyderabad. (Agriculture)</li> <li>5. Dr. Sadhana Shrestha, JSPS Fellow, UNU-IAS</li> </ol>
12:10-12:25 (15.40-15.55)	<b>Mentimeter (Interaction with participants)</b>
12:25-12:30 (15.55-16.00)	Closing Remarks (TBC)