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School of Politics & Public Administration

Organizing Secretaries
Dr. K. Katturajan
Assistant Professor
Department of Geography

&
Dr. R. Arumugam
Assistant Professor
Department of Politics & Public Administration

Tamil Nadu Open University
Two Day National Seminar on
“Water Resources and Climate Change:
Knowledge, Technology and Policies”
(WRACC-2019)

Date
30th & 31st, October, 2019

Venue
Conference Hall, TNOU

Organizing Committee Members
Dr. E. Kumar, Dr. E. Iniyan, Dr. D. Thirumalraja
Dr. P. Shanmugavelan, Mrs. J. Renee Arathi

Department of Geography
School of Politics and Public Administration
**About the University**

The Tamil Nadu Open University was established by an Act (No.27 of 2002) of the Legislative Assembly of the Government of Tamil Nadu to benefit those who have been deprived of and/or denied the access to higher education especially destitute, physically challenged, working men and women, economically weaker sections of the society, and those who discontinued education for various reasons, etc. In the main, it aims to reach the hitherto unachieved. The growth of the University during the past 16 years has been phenomenal. With a cumulative student strength of 10,82,656 in 2016 programmes of study across various disciplines and skills at different levels from the Certificate to Post graduate that are imparted through 13 Academic Schools, 5 support divisions and 1 media center. The Tamil Nadu Open University is the first University in the State to have introduced the credit-based Self Learning Materials in print as early as 2003. The University of the 5 and, among the 15 Open Universities in the Country to have received the accreditation under section 12B of the University Grants Commission (UGC-DEB). It is also one of the very few Universities in the Country to have received approval of the UGC for offering all its academic Programmes through the Distance mode.

**About the School**

The mission of the School of Politics and Public Administration at Tamil Nadu Open University focuses on establishing excellence in learning, discovery, and engagement, consistent with the requirements of the Tamil Nadu Open University’s motto “education for all”. The departments of Political Science, Public Administrationand Geography comes under this School. Our School offers courses at UG, PG, M.Phil. and Doctoral levels. These initiatives enlarge the scope and nature of learning and knowledge decimation that eventually helps the student community particularly from the weaker sections of the society. The Part Time and Full-Time Research Programs offered with University fellowship provide good opportunities for the student community to research modern social, environmental issues, Natural Resources Management and application of Geospatial Technology.

**Scenario and Objectives of the Seminar**

Water by far is the only element provided by Earth naturally to mankind – making it unique and distinctive for man’s survival. Though facts known to man are the availability of water 97% on Earth, of which 3% is trapped in ice caps and only 1% is left for human use. Only a small fraction of this 1% is left for domestic use and safe drinking water. In India, drinking water crisis is becoming critical over a few decades. The river basin–the main source of fresh water in the Indian subcontinent- are undergoing unsustainable practices of water consumption that has induced increasing pressure on the resource eventually resulting in droughts. In addition to this, other areas also experience flash floods, heavy rains making it devastating, uncontrollable and having a huge socio-economic impact. The groundwater exploitation is very high even without climate change; 15% of India’s groundwater resources are overexploited. The growing population will have heightened demand for irrigation and perhaps industrialization at the expense of drinking water. Disputes over water resources may well be a significant social consequence in an environment degraded by pollution and stressed by climate change. Weather patterns are changing, sea levels are rising, weather events are becoming more extreme and greenhouse gas emissions are now at their highest levels in history.

The objective of this Seminar is to discuss the relevant issues pertaining to water resources and climate change. The impacts of climate change on water availability and water quality will affect many sectors, including energy production, infrastructure, human health, agriculture, and ecosystems, requiring more active deliberation. By identifying the challenges of water resource and climate change through the deliberation. The Seminar deliberation will exhibit certain avenues to reach a better and sustainable future which will be explored.

**Main Themes:**

- Climate Change – Changing Season Cycle Paradigm.
- Water Resource – A Challenging Consumption and Dynamic Adaptability
- Climate Change – Adapting Climate change and Urbanization
- Water policies of India
- Climate reforms-setting sustainability

**Sub Themes:**

- Application of Geospatial Technology in Water Resources
- Application of Geospatial Technology on Climate Change
- Climate Change impacts on Natural Resources and Environment in India
- Climate Change, Environment and Health
- Integrated Water Resources Management
- Water Scarcity, Water Quality, Water Pollution and Remediation
- Groundwater Exploration, Modeling and Management
- Artificial Recharge of Groundwater - Its Management and Modeling
- Watershed Management
- Water Conservation, Grey Water Management, RWH and Drinking Water Supplies
- National and International Water Policies
- Inter-State Water disputes in India
- Other Significant Issues

**Call for papers**

Abstracts (300 words) and full papers (2500 words) are invited in MS word format from academicians, researchers, administrators, practitioners, activists, etc. on above themes and sub-themes and the same shall be submitted through email on or before 15th October 2019. The abstract and papers should have the name, designation, address, mobile/telephone number, email ID of contributor(s) at the end of the text. The papers selected shall be published with ISBN.

**Registration Fee:**

- Faculty Delegate: Rs. 1000/-
- Students Delegate: Rs. 750/-
- Participation Certificate with working lunch: Rs. 300/-
- Online Payment - Name: Head, SOPPA - A/C No. 6008335233985, Indian Bank, TNOC Branch, Saidapet
- IFSC Code: IDIB000T146

- All the delegates should register without fail on or before 30th September 2019 through email.
- Only registered delegates will be provided kit, CD, certificate and food.
- Abstracts and Articles should be submitted within the stipulated dates.
- The seminar proceedings will be published with ISBN in electronic format (CD) on the seminar day.
- Both the author and co-author(s) should register separately for each paper and either one should present the paper.

**Dates to remember:**

- Last date for submission of Abstract: 30th September 2019 (Monday)
- Last date for submission of Papers: 15th October 2019 (Tuesday)
- Seminar date: 30th and 31st October 2019 (Wednesday and Thursday)

E-Mail Address: wracc2019@gmail.com