

2PM to 3.30 PM: Valedictory Session

- Welcome Speech : **D. Sarada Devi**, MPhil Scholar, Department of Economics
Presidential Address : **Prof. Abdul Salim A**, Head, Dept. of Economics, University of Kerala
Valedictory Address : **Prof. C.R. Prasad**, Registrar, University of Kerala
Concluding Remarks and Vote of Thanks : **Dr. Anitha V**, Associate Professor, Dept. of Economics, University of Kerala

About the Department

The Department of Economics is the oldest research department in the field of economics in Kerala, started in the year 1959. Eminent scholars like Prof. VR Pillai, Prof. MA Oommen, Prof. PGK Panicker, Prof. TN Krishnan, Prof. ET Mathew, Prof. PR Gopinathan Nair, Prof. Ramachandran, Prof. Umadevi, Prof. Kunhamen, Prof. BA Prakash are few names in the long list of faculty who served and hailed from the department. The spectrum of students whom graduated from the department served in various field including civil services, national and international academic institutes, various organisations of national importance, media and other government and non government institutions. The department is not only having the legacy but still functions as one of finest the sources intelligentsia in the state as well as the center. The current faculty members and students along with the non teaching staffs welcome you all for the three day national seminar and interacting with us.

Organising Committee

- Chief Patron : **Prof. V.P. Mahadevan Pillai**, Honorable Vice Chancellor
Patron : **Prof. Ajayakumar P.P.**, Honorable Pro Vice Chancellor
Dr. A. Abdul Salim: Professor & Head,
Dr. Prasad A. K., Associate Professor
Dr. Manju S. Nair, Associate Professor
Siddik R., Asst. Professor
Dr. Anitha V. Associate Professor & Organising Secretary,
Administrative & Library Staff
PhD, M Phil and MA Students.



Department of Economics
University of Kerala
Kariavattom Campus
Thiruvananthapuram, Kerala-695581

Three Day National Seminar on
Water Resource Management
&
Sustainable Development

Dates:
6th to 8th February 2019

Venue:
Seminar Hall, Department of Economics



About the Seminar

A major challenge before India's water sector in achieving Sustainable Development Goals (SDGs) is to ensure proper management of water resources. Water bodies are dynamic ecological and social system touching all segments of society and economy. Therefore balancing the ecological, economic and social aspects of water resources is a great challenge in the context of development. Water use is one of the 12 key indicators related to the human activity adversely affecting the Earth system. Increase in the production and consumption due to globalization is one of the reasons for this change. The 'use and throw culture' which is the by-product of globalization, creates irreversible damage to waterbodies. Water bodies are filled with plastic waste which not only creates scarcity but also affects the livelihood of the people. This leads to social exclusion of communities mostly rural poor/slum dwellers. The institutional failure in terms of absence of suitable policies and improper implementation of existing policies aggravates the situation. The quantity, quality and access of water are dependent more on the efficient use and proper management than on the physical limit. Even though water is a State subject and its optimal utilization and management lies predominantly within the domain of the States, sustainable practices from the part of the public are essential to achieve the SDGs. In this context, the Department of Economics proposes to organise three day national seminar and invites contributions from practitioners, grass root level activists, students, academicians and the policy makers in the following themes.

Sub-themes

- Water and Society
- Water and economy
- Sustainable Development Goals and water resources
- Integrated Water Resource Management
- Sustainable Practices

Registration and Contact

Dr. Anitha V.

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Dr. Abdul Salim A.

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Programme

Day 1

6-02-2019 (9.30 AM-5.30 PM)

9.30 AM to 10 AM :Registration

10 AM-11.30 AM -Inaugural Session

Welcome Speech & Theme presentation	:	Dr. Anitha V. Organising Secretary and Associate Professor, Dept. of Economics, University of Kerala.
Presidential Address	:	Dr. Abdul Salim A. Prof. and Head, Dept. of Economics, University of Kerala
Inaugural Address	:	Dr. Ajayakumar P. P. Hon'ble Pro- Vice- Chancellor, University of Kerala
Keynote Address	:	Dr. Himanshu Upadhyaya Faculty, Azim Premji University, Bangalore <i>Auditing Irrigation: Tracking the Centrally Sponsored Accelerated Benefit Programme.</i>
Felicitations	:	Adv. K. H. Babujan Member, Syndicate, University of Kerala : Dr. S. Nazeeb Member, Syndicate, University of Kerala : Mr. Shiju Khan Syndicate Member, University of Kerala
Vote of Thanks	:	Reshma Rajeevan MPhil Scholar, Dept. of Economics, University of Kerala

Tea Break

**11.45 AM to 1 PM: Technical Session- I
Water and Society**

Chairperson	:	Dr. Himanshu Upadhyaya Faculty, Azim Premji University, Bangalore
Speaker	:	Dr. Shaji Varkey Dean, School of Social Sciences, Department of Political Science, University of Kerala. <i>Neo-liberal Water Governance</i>

Discussions: Lunch Break

**2 PM to 3.30 PM: Technical session-II
Water and Economy**

Chairperson	:	Dr. Manju S. Nair Associate Professor, Department of Economics
Speakers	:	Dr. Prakash Nelliya Fellow, ABS, Centre for Biodiversity Policy and Law, National Biodiversity Authority, Chennai. : <i>Integrated Water Resource Management Scope and Challenges</i> : Dr. Christabell P J Assistant Professor, Department of Futures Studies, University of Kerala, Thiruvananthapuram. <i>Conservation of Common Water Resources for Sustainable Development: A case of Vellayani Freshwater Lake</i>

Discussions:
Tea Break

3.40PM to 4.30 PM: Technical session -III

Water and Society

- Chairperson : **Dr. Johnson Jament**
Faculty, University of Northampton, England
- Speaker : **Dr. Jenia Mukherjee**
Faculty, Department of Humanities and Social Sciences, IIT,
Kharagpur.
Beyond H₂O : Social Sciences of Water

Discussions:

4.30 PM to 5.30 PM

Environmental Catastrophe Documentary
"World without Water"

Discussions:

Day 2

7/02/2019 (9.30 AM-6PM)

9.30 AM to 11. 30 AM

Technical session- IV

Integrated Water Resource Management

- Chairperson : **Dr. Prasad A.K.**
Associate Professor, Department of Economics, University of Kerala
- Speakers : **Dr. E. Shaji**
Faculty, Department of Geology, University of Kerala
Challenges and Prospects of Water Resource Management in Kerala
- : **Prof. N. C. Narayanan**
Professor, CTARA, IIT Bombay.
Canal Rejuvenation in Alleppey
- : **Dr. Suja Kurup P. L.**
Associate Professor, Institute of English & Director, Centre for Australian Studies, University of Kerala.
Countering the Blue Catastrophe: The Ralegaon - Siddhi Model

11.45 AM to 12.45 PM: Technical session -V
Water Resources and Sustainable Development

- Chairperson : **Dr. Prakash Nelliya**
Fellow, Access and Benefit Sharing, Centre for Biodiversity Policy and Law, National Biodiversity Authority, Chennai
- Speaker : **Dr. Vishwas Mehta IAS**
Secretary, Water Resources, Government of Kerala
Water Resources and Sustainable Development

Discussions:
Lunch Break

2 PM to 3.30 PM: Technical session- VI
Water Resource and Sustainable Development

- Chairperson : **Dr. Sabu Joseph**
Professor, Department of Environmental Science, University of Kerala.
- Speaker : **Dr. Johnson Jament**
Faculty, University of Northampton, England
Life below Water-Sustainable Blue Economy An Indigenous Vision
- : **Dr. S. R. Sheeja**
Faculty, School of Distance Education, University of Kerala
Sustainable Water and Soil Conservation Practices Using Eco-Friendly Technology
- : **R. Nambiar and Prof. Sabu Joseph,**
Department of Environmental Sciences, University of Kerala.
Towards Sustainable Water Management Practices: Greywater Treatment and Reuse
- : **Dr. Devi Parvathy**
Faculty, Dept. of Public Administration and Policy Studies, Central University of Kerala, Kasargod.
Privatisation of Water Resources in India: A Failed Experience

Discussions:
Tea Break

3.40 PM to 4.40 PM: Technical session -VII
Water Resources and Sustainable Practices

- Chairperson : **Dr. S. R. Sheeja**
Faculty, School of Distance Education, University of Kerala

Presentations

1. **Chandralekha P**, Research Scholar, Dept. of Economics, University College, Palayam, Trivandrum. *Water and Women- Survival Issues in the Indian Context*
2. **Smitha Pavianose**, Assistant Professor, Department of Economics, Christian College Kattakada. *Access to Water and Sanitation for the Poor: A Case Study of Urban Slums in Kerala*
3. **Pradeep Kumar.M**, Research Scholar, Dept. of Sociology, University of Kerala. *Athirappilly Hydro Electric Power Project and the Question of Sustainable Development: An Analysis in the Context of Gadgil Committee Report*
4. **Dr.Nandhini. N.J**, Assistant Professor, Department of Zoology, Govt. College for Women, Thiruvananthapuram. *Pollution Stress and Protozoan Infection in G.gjuris'*
5. **Binduja V**, Mphil Scholar, Dr.John Matthai Centre, Aranattukkara, Thrissur. *Sustainable Development Practices: an Analysis of The Role of Government and the People*

Discussions:

4.40 PM to 6 PM: Technical session- VIII
Water Resources and Sustainable Development Goals

- Chairperson : **Dr. Anitha. V**
Associate Professor, Department of Economics

Presentations

1. **Shruthi S Mohan**, HSST (Jr), Department of English, New Higher Secondary School, Nellimoodu. *Ice Stupas: A Way to Solve Water Scarcity and to Promote farming in the Dry Cold Deserts of Ladakh*
2. **Muhlisa A. and Fathima S, Alumni**, M. A. Economics, Department of Economics, University of Kerala. *Can We Use Israel Model of Water Conservation In India or Not?*
3. **Akhil Suresh, Muniaraj K, Neethu G**, M. A. Students, Department of Economics, University of Kerala. *Alternative Water Management System in Wayanad: A Post-flood Analysis*
4. **Revanth Raju, Pramod P.V**, Research Scholars, IMK, Kariavattom Campus *Aquaponics: An Emerging Trend in Kerala and Its Benefits to the Society.*
5. **Ansiem George* Dr.S.Preetha**Haseena Firoz***** Phd Scholar, Vels Institute of Science and Technology (VISTAS),Chennai*,HOD-MBA,VISTAS, Chennai**,Phd Scholar, Kerala University*** *Ground Water and Irrigation in Kerala.*
6. **Binni Rani C.**,Research Scholar, Dept. of Political Science, University of Kerala, Kariavattom Campus, Thiruvananthapuram. *Sustainable Development and Water Resources in Kerala: An Overview.*
7. **Anusree.V & Suryasudharsanan. R**, MA students, Dept of Economics, Kariavattom Campus. *Vellayani Lake: Problems and Policy Prospects*
8. **Sam K Raju, Megha Mary Philip , Arun kumar R**, MA Economics, University of Kerala, Kariavattom Campus. *Keep Away from Sunlight*

Day 3 8/02/2019

9 AM to 10. 00 AM: Technical session- IX **Water Resources and Sustainable Development**

Chairperson : **Dr. Christabell P. J.**
Assistant Professor, Department of Futures Studies, University of Kerala, Thiruvananthapuram.

Presentations

1. **Anishkumar A. S**, Assistant Professor, Dept. of Economics, Mar Ivanios College of Arts and Science, Mavelikara. *Alarming water Pollution: A Threat to Human Survival*
2. **Meera Peethambaran**, MPhil Scholar, Institute of Management Kerala, Karyavattom. *Water Resource Management and Sustainable Development*
3. **Karthika G G, Karthika M**, Mphil Research Scholars, IMK, Karyavattom. *A Sustainable Development of Oceanic Ecosystem- An Overview*
4. **Aswathy A and Mohammed Aslam A**, Research Scholars, IMK. *Water Scarcity And It's Impacts On Agriculture : With Special Reference To Palakkad District.*
5. **Adv. Sumitha.M.S**, UGC-JRF, Department of Law, Kerala University. *Development of Sustainable Water Resource Management at National and International level*
6. **Meenakshi Jayan, Deepthi S.**, and Sharon Jose, MA students, Dept. of Economics, Kariavattom Campus. *Sustainability of Drinking Water Sources in Kerala: An Alternative Source to the Piped Water Supply Systems of Government Agencies.*
7. **Lijo Mon L**, 2nd sem B.Ed., Mount Tabor Training College, Pathanapuram. *Water Conservation, An Important Responsibility of Business Organisations*

10 AM to 11. 30 AM: Technical session - X **Integrated Water Resource Management**

Chairperson : **Dr. S.N.Kumar**, Faculty, Department of Geology, University of Kerala

Speakers : **Dr Bejoy K. Thomas**
Fellow (Associate Professor), Centre for Environment and Development, ATREE, Bangalore.
Water Management in Peri-urban Areas: Learnings from Socio- Hydrological Research
Dr. S.N. Kumar and Manu Raj R.
Department of Geology, University of Kerala.
Do We Have Real Water Shortage in Kerala ?

Presentations

1. **Kumar Sahayaraju**, Chevening Scholar, Kadalamma-Centre for Ocean Sustainability Research, Education and Development, Thumba,Trivandrum. *Life Under Water: Contributions and Challenges to Sustainable Development*
2. **Dr. Resmi C. Panicker.**, Assistant Professor, Dept. of Economics, Govt. College for Women, Thiruvananthapuram. *Recreational Demand and Conservation of Lake in Urban Area.*

Discussions:
Tea Break

11.40 AM to 1 PM: Technical Session - XI **Water Resources and Sustainable Development**

Chairperson : **Dr Bejoy K. Thomas**
Fellow, Centre for Environment and Development, ATREE, Bangalore

Speaker : **Dr. Rajesh Raghunath**
Faculty, Department of Geology, University of Kerala.
Augmentation of Groundwater Resources by Artificial and Traditional Methods: A Participatory Approach at Kundara Assembly Constituency, Kollam District, Kerala.

Presentations

1. **Dr. Ashalekshmi B.S**, Assistant Professor, Department of Public Administration and Policy Studies, Central University of Kerala. *Water Resource Management in Kasargod: A Study*
2. **Dr. Liji K.T**. Asst. Prof., Dept. of Economics, Mercy College, Palakkad and **Dr. Sr. Lilly P.V.** Associate Professor, Dept. of Economics, Mercy College, Palakkad. *The Impact of Rain Water Harvesting System in Kerala with special reference to Palakkad*
3. **Tapasi Mohanty**, ICSSR Doctoral Fellow, Department of A&A Economics Utkal University. *Public Provision of Urban Water Service; An Evidence from Odisha*
4. **Shyni Thankachan and Naja.B** Research Scholars S.N.College, Kollam. *Conservation and Management of Water Resources*
5. **Sarekukka Prabhu Teja**, M A Political Science, Pondicherry University and **Aagna Harikumar** Integrated M A Political Science, Pondicherry University. *Water Resource Development and Sustainable Development.*
6. **Gopish .G**, MPhil scholar, Department of Commerce, University Of Kerala, **Shiyas I S** , Department of Commerce , University Of Kerala and **Ancy John**, Full time Researcher, M G college , University Of Kerala. *Role of Public Private Participation on Water Sustainable Development.*

Discussions:
Lunch Break