



**National Workshop on
ENVIRONMENTAL MODELING**

30th & 31st January 2018

**Organized by : Dept. of Environmental Sciences
University of Kerala, Kariavattom**

**We cordially invite you to the inaugural function of the
workshop in the Dept. of Environmental Sciences
at 10.00 am on 30th January 2018**

**INAUGURAL PROGRAMME : 30-01-2018
10.00 – 10.45 am**

- Welcome : **Dr. Sabu Joseph**
(Associate Professor and Head &
Organizing Secretary)
- Presidential
Address : **Dr. S.N. Kumar**
Director, School of Earth System
Sciences, University of Kerala
- Inaugural
Address : **Dr. P.G. Jairaj**
Professor and former Head, Dept.
of Civil Engineering, CET, Trivandrum
- Felicitations : **Dr. Manoj Changat**
Professor and Head, Dept. of
Future Studies, University of Kerala
- Vote of thanks : **Dr. Jaya, D.S**
Associate Professor and Convener

10.45-11.00 am: *Tea break*

- 11.00-01.00pm : **Fundamental tools for
Mathematical modeling**
Dr. Somasekharan Pillai M
Head, Dept. of Statistics,
University College, Trivandrum
- 1.00-1.45 pm : *Lunch break*
- 1.45 – 3.00pm : **Introduction to modeling and
Inverse modeling**
Dr. K. Sreelash
Scientist, NCESS, Trivandrum
- 3.00-3.15 : *Tea break*
- 3.15-4.15 : **Ecological modeling**
Dr. Ajith Govind
UGC-Associate Professor, Dept.
of Geology, University of Kerala

31-01-2018 (Wednesday)

- 10.00-12.00pm : **Modeling of pollutant
transport in water resources**
Dr. Santhosh G Thampi
Professor, Dept. of Civil
Engineering, NIT, Kozhikode
- 12.00-1.00 pm : **Introduction, basics and
concept of Hydrological
modeling (SWAT)**
Dr. K. Sreelash
Scientist, NCESS, Trivandrum
- 1.00 – 2.00 pm : *Lunch break*
- 2.00 – 3.00 pm : **SWAT Modeling**
Dr. K. Sreelash
Scientist, NCESS, Trivandrum
- 3.00-4.00 pm : **Demonstration of Hydrological
modeling (SWAT)**
Dr. Rajat Kumar Sharma
Scientist, NCESS, Trivandrum
- 4.00- 4.30 pm : **Valedictory Function, Tea**