

**Prof. S. Mohan**  
**Senior Professor**  
**Indian Institute of Technology, Madras**

Dr. S. Mohan is currently the senior Professor in Environmental & Water Resources Engineering at Indian Institute of Technology Madras. Prof. Mohan is internationally recognized for his research and practice in sustainable water management, particularly on the evolution of expert systems for Irrigation management, deriving reservoir management policies using Optimization models, Artificial Neural Networks, Fuzzy Logic Models and data mining, prediction of migration of contaminants from landfill via aquifers, intermittent water distribution systems, sea water intrusion and usage of remote sensing & GIS tools for evolution of guidelines for water resource and environmental management.

He received several awards and he was awarded the most coveted John Penny Cuick Eminent Engineer Award 2014 for the notable contributions in the field of Water Resources, and was commended for defining “a new paradigm for optimization of water resources and environmental systems environments that blends creativity with technical and scientific rigor”.

Over the past 32 years, he has pioneered the water engineering in developing sustainable policies for Water & Environmental Management, especially for developing countries. He has developed new paradigm for defining the sustainable development using three parameters namely survivability, sustainability and efficiency that uses a unique sociotechnical approach to concurrently address the social, environmental and economic challenges of traditional water management.

He has published extensively in his field of research. He has 131 peer-reviewed publications in major journals in Hydrology, Water Resources, and Environmental Engineering.

Presently, he is also the Chairman of State Level Expert Appraisal Committee (SEAC) for Tamilnadu, Ministry of Environment, Forests & Climate Change (MoEF&CC) and also serving as Independent Director for Tamilnadu Small Industries Development Corporation Limited (TANSIDCO), Government of Tamilnadu.