



Mr. Subijoy Dutta is a registered professional engineer (P.E.) in Maryland, USA. He has authored two books : “**Sustainable Mining Practices – A Global Perspective**”, published **July 2005** by **Balkema Publishers** and “*Environmental Treatment Technologies for Hazardous and Medical Wastes*”, published in March 2002 by **Tata McGraw Hill Publishing**. He is the sole proprietor/Director of S&M Engineering, LLC (<http://snmengineering.com>) initially formed in 1984.



Mr. Dutta received his BS in Mechanical Engineering from the Assam Engineering College, Guwahati, India in 1972. He completed his first MS in Mechanical Engineering from the University of Oklahoma, Norman, Oklahoma USA in 1981. In 1984 he finished a second MS in Petroleum/Geological Engineering from the same Oklahoma University



In 1992 he stepped forward to provide help towards cleaning the Yamuna River. He collected an inordinate amount of data, and met with the Delhi authorities and offered to provide assistance. He formed the Yamuna Foundation in 2000 and had many local volunteers in Agra and Delhi area. He later founded the Rivers of the World Foundation in 2007 along with a few esteemed professionals in US.

Mr. Dutta worked for the US EPA in Washington, DC for 20 years as a Senior Engineer. He has assisted the Central Pollution Board, New Delhi, in their development of regulations and guidance concerning medical waste management and landfills.

The following is a list of his major project experience:

- As a member of the several workgroups, while with U.S. EPA, he was involved in revising many regulatory standards and guidance, such as -
 - State Management Plans (SMP) for the Office of Pesticide Programs,
 - Chemical Lead for a few pesticides – reviewed studies for Pesticide Registration
 - Total Maximum Daily Load (TMDL), hazardous waste identification rule (HWIR - media),
 - Soils and sediments standards, the wetland guidance document, and several fact sheets.
- Conducted an EPA soil leaching study in 1993 using contaminated soil samples from various sites representing the spectrum of soils and climatic conditions all across the continental US.
- Designed modified cover systems for Landfills and has supervised installation of Landfill covers for several hazardous waste sites.
- Provided waste management training to twenty-six engineers with the Tamil Nadu Pollution Control Board in 1998.
- He assisted the Central Pollution Control Board, New Delhi, India, in their development of regulations and guidance concerning medical waste management and landfills by providing voluntary review and comments.
- Prepared reclamation plans for several abandoned mine sites in Eastern Oklahoma.
- Recently developed a watershed management plan by using GIS and remote sensing methodologies for a very fast-growing County in Virginia.
- Used/explored Remote sensing technologies for various applications such as - Oil and Gas Pipeline Condition Assessment, analyzing various imageries and signatures for oil and gas explorations, and pipeline security assessments