



TALK SERIES ON OCEANS

Understanding the Marine Resources & Challenges for Sustainable Development

Dr. Helen Roselene Thomas

Associate Professor, Head of the
Department of Environmental Science.
Mount Carmel College (Autonomous), Bangalore.



Sustainable Development : Opportunities & Challenges

Dr. Shobha Ananda Reddy

Director, Trust for Rejuvenation of Environment & Nature Development
(TREND)

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Dr. Shobha Ananda Reddy

Dr. Shobha Ananda Reddy, Director, Trust for Rejuvenation of Environment & Nature Development (TREND) is an Environmental Scientist, with over eighteen years of teaching, research and practice experience spanning environment & ecology, renewable energy, integrated water management, participatory governance and community engagement. She is a strong proponent of citizen involvement and participatory governance for positive social & environmental transformation. She worked for 12 years at Mount Carmel College, Bangalore where she was teaching Environmental Science and Research methods & Biostatistics.

As Additional Director-Environment, Energy & Biofuels, Mahatma Gandhi Institute for Rural Energy & Development, she initiated and led several projects of environment & social relevance such as Remote Village Electrification (Solar & pico hydro), Solid Waste Management & Integrated Water Management in rural areas, Model Heritage Village project, Energy efficient Govt rural housing pilot project.

She directed and curated content for capacity building programmes for various stakeholders namely PDOs and Elected Representatives of Panchayat Raj Institutions; IFS, IAS, KAS, KFS officers; Academicians, Researchers and students; Bankers and financing institutions on Environmental Sustainability, Renewable Energy & Energy Conservation, Integrated Water Management, Solid Waste Management, Green buildings, etc.

In her short stint as Research Assistant at Energy & Environment group, National Institute for Advance Studies, she worked on Grid Connected Roof Top Solar Programme of GoI, Grass roots Innovations in Energy and Water security, Energy For All Policy to Inclusive Manufacturing Forum. As a Senior Consultant, Urban Practitioners' Programme, Indian Institute for Human Settlements, she directed courses and curated content for Engineering and Public Health officials of various states on Urban Missions of GoI. She led a series of workshops on Sustainable Development Goals for School and early College students. She was instrumental in formation of citizen group 'Jalmitra - Guardians of Rachenahalli' which has been working with various stakeholders for revival and maintenance of Rachenahalli lake, Srirampura, Bangalore.

She served as a member of Western Ghats Task Force, GoK. She is a NABET -QCI accredited Environmental Consultant for carrying out EIAs in development sector. She is recipient of Women Achievers Award instituted by Friends of Tribal Society. She has also founded Trust for Rejuvenation of Environment and Nature Development (TREND) through which, since 2016, several initiatives such as providing solar home lighting to homes located in remote areas, providing education to Govt school children, solid waste management and environmental sustainability awareness programmes under Citizen Science and Education programmes.

Dr. Helen Roselene Thomas

Dr. Helen Roselene Thomas is currently working as Associate professor and heads the department of Environmental science. She is involved in empowering students with required skills for protecting the fragile environment through education and research for past 25 years at Mount Carmel College, Autonomous, Bangalore. She is passionately involved in catering the needs of society by monitoring water & wastewater, air quality, noise levels, and soil quality through extension programmes. She is also a lead auditor in ISO 14001 helping institutions in environmental/Green auditing and was appointed as expert auditor in swachata ranking by the UGC for past three years.

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