

## Addressing Contemporary Environmental Challenges: A Focus on Climate Change, Waste Management, Biodiversity Conservation, and Sustainable Development



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The world today faces an unprecedented environmental crisis, marked by the convergence of several pressing challenges. Among these, climate change, waste management, biodiversity conservation, and sustainable development are essential areas that require immediate and sustained action. These issues are interconnected and addressed together to secure a sustainable future for both humanity and the planet.

Climate change stands at the forefront of environmental issues, characterized by rising global temperatures, melting polar ice caps, extreme weather events, and ocean acidification. Waste management is another critical environmental issue that directly contributes to pollution, resource depletion, and climate change. Biodiversity is the foundation of ecosystems that provide essential services, such as food, clean water, and climate regulation. The United Nations' Sustainable Development Goals (SDGs) provide a framework for addressing global challenges, including poverty, hunger, and inequality, while also promoting environmental sustainability.

Addressing contemporary environmental challenges requires a comprehensive approach that integrates climate change mitigation, waste management, biodiversity conservation, and sustainable development for the upliftment of humanity.

### Biography:

Dr.GS Vijaya is working as Professor and Programme coordinator in the area of Logistics and Supply Chain Management (LSCM) & Systems and Management area (SOM) at CMS Business School, JAIN Deemed-to-be University, Bengaluru, India. She has 3 years of Industry and 22 years of teaching experience in Indian and Saudi-Arabian Universities. She is guiding doctoral scholars and under her guidance, six scholars have been awarded Ph.D.

She is a Life Member of Indian Society for Technical Education, International Association of Engineers, Singapore and the Quality Circle Forum of India. She is having more than two decades on Post Graduate teaching experience and Industrial Experience. Under her guidance Six Research Scholars have been awarded PhD. She has presented papers in different IIM's (Indian Institute of Management), Steel Authority of India Limited, International Institute of Social and Economic Sciences (IISES), Venice - Italy, Valencia-Spain, London-UK, and Paris-France. She was a Technical Session chair and Speaker in few Indian and Eurasia conferences.