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Ecosystem degradation: Changes, challenges and gap assessment

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L Ecosystems are changing across the globe due to various human and natural factors. These changes have resulted in declining ecosystem services and biodiversity loss. The Millennium Ecosystem Assessment report published in 2005 discusses various findings on ecosystems studies. Since 2005 various reforms have been made in scientific research and policy formulations. Yet ecosystems continue to degrade, thereby raising questions on human and biodiversity sustainability. This paper on “Ecosystem Degradation: Changes, Challenges and Gap Assessment” attempts to assess the challenges and gaps in attaining ecosystem and biodiversity sustainability through studies from Asian, Pacific and West Asian countries. Asia Pacific and West Asia are regions witnessing ecosystem degradation in different patterns. However to maintain sustainable environmental, social and economic development ecosystem management is a prerequisite. This paper discusses some of these issues.

Biography

Kirti Avishek has completed his PhD at an age of 33 from Birla Institute of Technology, Mesra Ranchi, India. He has a teaching experience of 7 years in the Department of Environmental Science and Engineering, Birla Institute of Technology, Mesra Ranchi, India. He had been working with International Ecosystem Management Partnership (UNEP), China for his post doctoral research on Ecosystem Management and policy assessment. He has 17 paper published in journals of repute. His current research interests are ecosystem management, phytoremediation and GIS.

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