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Title: Biodiversity and Sustainable Resource Management
(Basic to Research)

Editor: Dr. Debabrata Das

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FOREWORD

India has four hot spots out of 36 in the globe and it is blessed with one of the 17 mega diversity countries of the world due to its unique geographical location and diversity of climate.

All the diverse flora and fauna of the world have intrinsic value and contribute to the aesthetic beauty of the environment.

The ecological services provided by biodiversity are vital to our everyday life and their overall impact on human existence and the environment.

But the valuable biodiversity is severely affected due to pressure of human population, mass scale encroachment of forest lands, over exploitation and habitat destruction. Owing to multiple anthropogenic pressures our biodiversity is now at stake.

To protect the different components of biodiversity, a number of measures for conservation of biodiversity are being taken up in spite of different Laws and Acts introduced by nationally and internationally.

The book entitled, "**Biodiversity and Sustainable Resource Management (Basic to Research)**" is compiled with a number of research /review articles on different themes of biodiversity. This book will be the valuable source of information to research scholars, academicians, students, practitioners, educationist, professionals and those who are concerned with biodiversity and resources of our country.

This document will also be useful for the Government, NGOs and multilateral agencies for making environment related decision.

I am thankful to the editor-in-Chief, as well as all the authors and co-authors for bringing out this document successfully highlighting the importance of biodiversity and natural resource management.

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- been successful in limiting biodiversity loss. Overall the losses are now occurring more slowly than they would have in the absence of these actions taken by communities, NGOs, governments, as well as business and industry. To achieve greater progress towards biodiversity conservation, it will be necessary – but not sufficient – to strengthen a series of actions that focus primarily on the conservation and sustainable use of biodiversity and ecosystem services.
- Unprecedented additional efforts would be needed to achieve a significant reduction in the rate of biodiversity loss at all levels by 2010.

Source

1. *Biodiversity and human welfare by Piers Blaikie and Sally Jeanrenaud, 1996.*
2. *Ecosystems and human well-being. A Report of the Millennium Ecosystem Assessment, 2005*

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Threats to Biodiversity: A General Discussion

Dr. Pampi Ghosh

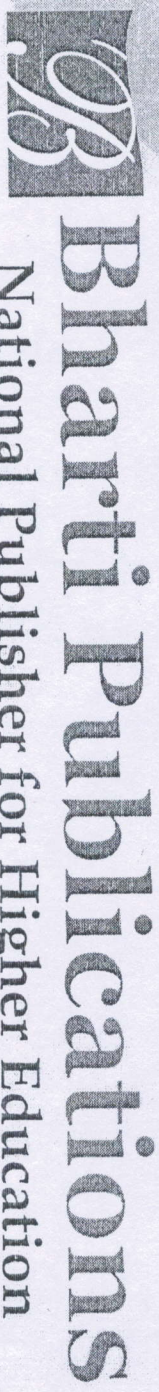
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Abstract

Biodiversity is a diversity of biological entities though the term is very confined in a sequence qualifies the species and variety at various levels. It signifies the totality of species, ecosystem and gene. Therefore, three types of biodiversity have been recorded as species, gene and ecosystem or landscape. The variations found among the organisms at various levels due to its colour, shape and size. Its use on every level is important. So, biodiversity study and conservation of biodiversity is important. Now-a-days, due to various threats imposed on biodiversity, elements of biodiversity undergo confined and some cases the organisms confined, vanishing and vanished from the earth locally or globally. In this communication, author will try to discuss on various threats imposed on biodiversity and its effect locally to globally.

Keywords: Biodiversity, Types of biodiversity, Threats to biodiversity and impact.

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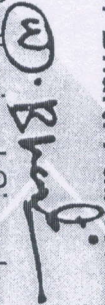
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