

# Environmental Policy in Biological Conservation

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## Introduction

The conservation of the Earth's biodiversity for animals, plants, ecosystems, and their habitats through environmental management methods is a shared duty of individuals and governments. By enacting laws to save biodiversity and biodiversity in danger for future generations, governments demonstrate their commitment to conservation. The prohibitions against the conservation of wildlife that are incorporated in several statutes, the legal requirements for citizens and the judiciary's role in wildlife and biodiversity preservation are all explored in this article.

Historically, wildlife has been contained by species like rabbits, foxes, mice, snakes, coyotes, and others. Ecology, in its broadest sense, is the study of natural processes and all that surrounds them. An ecosystem is a group of biological species that coexist and cooperate in a connected habitat in order to survive. Different environmental conditions (hot, subtropical, warm, alpine, etc.) that India experiences cause large-scale precipitation changes. A phrase used in 17 nations with high biodiversity and especially many indigenous or endangered species describes it as a "mega biodiversity country," rich in fauna and flora. Almost all tribal and other forest societies have depended on forests for hundreds of years. The foundation of livelihood, culture, heritage, and tradition is the forest [1].

Any item obtained from nature is a biological resource component. There are many different types of resources, including wood products, foods, medicines, and textiles. For instance, there are 7,000 different species of plants, yet humans only eat 12 major crops. The majority of medications used in the medical field are made from plants; for instance, quinine, which is used to treat malaria, is made from cinchona trees. Cotton plants provide the fibre that is used to make webbing, netting, rope, and sacking, among other things.

## Description

### Environmental protection

Environmental protection encompasses practises that preserve the value of environmental media by limiting the amount of pollutants in the environment or restricting their discharge. Recycling, protecting ecosystems from deterioration, changing consumer patterns, production methods, product attributes, and waste management practises are all part of environmental protection. Biodiversity conservation relies on strategies involving a variety of policy approaches, including regulatory command and control, financial incentives, supporting investment, the promotion of innovation, enabling actors, capacity-building, and goal-setting, among others. Biodiversity loss is a complex issue. The Convention for Biological Diversity, the Intergovernmental

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**Date of Submission:** 02 June, 2022, Manuscript No. jbes-22-73743; **Editor Assigned:** 04 June, 2022, PreQC No. P-73743; **Reviewed:** 15 June, 2022, QC No. Q-73743; **Revised:** 20 June, 2022, Manuscript No. R-22-73743; **Published:** 26 June, 2022, DOI: 10.37421/2332-2543.2022.10.431

Science-Policy Platform on Biodiversity and Ecosystem Services, and protected areas are the main policy and governance solutions. International environmental accords (IEAs) and multilateral environmental agreements (MEAs) have varying degrees of success and perceived validity [2].

## Biological conservation

A renowned journal in the field of conservation science is called Biological Conservation. The journal publishes works from a wide range of disciplines that advance the biological, sociological, ethical, and financial aspects of conservation. The main goal of Biological Conservation is the publication of excellent papers that improve conservation science and practise or show how conservation concepts and policies have been used. The journal Biological Conservation invites submissions of original research papers, reviews (including systematic reviews and perspectives), short communications, policy viewpoints, and letters to the editor on any topic related to conservation science, including theoretical and empirical studies into how human actions affect the diversity, structure, and function of terrestrial, aquatic, and marine ecosystems [3-5].

## Conclusion

Quantitative analyses of extinction risk, fragmentation effects, the spread of invasive species, conservation genetics, conservation management, the impacts of climate change on biodiversity, the design and management of landscapes or reserves, restoration ecology, and resource economics are some examples of topics covered in these papers. We also encourage submissions from the social sciences, especially those covering, among other things, political culture, ethics, policy, human social structure, and biodiversity. For land/resource managers and policy makers, biological conservation offers practical applications of conservation research as well as multidisciplinary themes within the field of conservation biology. In terms of the subjects or issues covered, we publish articles and themed special issues that show how conservation research and management are applied outside of the particular system or species under study. The Society for Conservation Biology's affiliate publication is called Biological Conservation (SCB). Through the Society, SCB members can get a personal subscription to this journal. The idea of biocultural variety to talk about nature-based conservation techniques to protect the planet and to advocate for humankind's sustainable development. Ecological viewpoints that can provide novel insights should be highlighted when discussing the sustainability elements of marine, island, and coastal settings as well as terrestrial (forest, rural, and urban) ecosystems. Interdisciplinary and convergence research will be used to highlight conservation biology, conservation ecology, and landscape ecology. This type of research offers a variety of answers and can provide information from which conclusions can be derived.

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**How to cite this article:** Sutherland, William. "Environmental Policy in Biological Conservation." *J Biodivers Endanger Species* 10 (2022): 431.