

Loss of Biodiversity and Conservation Strategies: An Outlook of Indian Scenario

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ABSTRACT

This article provides a brief overview of the recent loss of biodiversity in India. By reviewing the current status of biodiversity in India, areas which need serious attention can be enumerated. There is an urgent need to monitor loss of biodiversity by analysing the situations which lead to extinction of species. It was observed in numerous case studies that major catastrophe's occurring in developing nations was attributed to loss of biodiversity. All these emphasize for a paradigm shift in the way we approach to tackle the problem. This article tries to focus on the causes which lead to loss of biodiversity in India. This was achieved by collecting all case studies and reports from scientific journals. A challenge remains, however, in using this information to provide acceptable solutions for effective conservation methods. This review will outline the biodiversity loss in India by classifying data into different categories and provides an overall picture for Indian scenario. In addition, whilst not being a comprehensive review of all the biodiversity loss in India, a number of birds, fauna and flora are included in the review. Conservation strategies adopted so far in India and strategies which have been proposed are discussed at the end.

Key words: Biodiversity, Climate change, Conservation, Extinction, India, Invasive species.