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REVIEWER'S REPORT

Manuscript No.: IJAR-50818

Date: 29-03-2025

Title: Economic Perspectives on Avian Biodiversity in Chandigarh: A Focus on Sukhna Wetland

Recommendation:

Accept as it is.....**YES**.....

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality	√			
Techn. Quality		√		
Clarity		√		
Significance			√	

Reviewer's Name: Tahir Ahmad

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

Abstract

The abstract provides a concise overview of the study, outlining the significance of avian biodiversity in the ecosystem and highlighting the research conducted at Sukhna Wetland, Chandigarh. It effectively presents the study period (December 2023–March 2024), key findings regarding bird species diversity, and population distribution. The mention of migratory and resident bird species adds depth to the ecological significance of the wetland. The inclusion of specific bird species, their scientific names, and their population percentages demonstrates the study's quantitative approach. The abstract is well-structured and clearly conveys the objectives, methodology, and findings.

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Keywords

The selected keywords—*Sukhna Wetland, Chandigarh, Bird Species, Migration, Avian Faunal Diversity*—are relevant and reflect the study's core themes. These keywords will enhance the research's accessibility to relevant audiences.

Introduction

The introduction effectively emphasizes the ecological importance of birds and their interactions with the environment. The selection of Sukhna Wetland as the study area is well-justified, noting its national protection status and its importance as a habitat for both resident and migratory birds. The reference to Le Corbusier and P. L. Verma in relation to the lake's historical and infrastructural significance provides useful context. The description of bird characteristics, behaviors, and adaptations adds to the richness of the introduction.

The discussion on migration is comprehensive, explaining its seasonal nature and the various factors influencing bird movement. The mention of migratory birds from Central Asia and Siberia reinforces the global ecological connectivity of the wetland. Additionally, the role of the Chandigarh Bird Club in monitoring avian populations is an important inclusion, reflecting conservation efforts.

Overall Evaluation

The study is well-articulated, providing a thorough examination of avian biodiversity at Sukhna Wetland. The scientific names, percentage distributions, and focus on migratory patterns enhance the credibility of the research. The structure is clear, and the language is precise, making the report accessible to both researchers and conservationists. The introduction effectively sets the stage for the study, highlighting the significance of birds within the broader ecological and migratory framework.