



## Understanding Human-Snake Conflict Dynamics in Buxar District, Bihar, India: A Multifaceted Approach

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### Abstract

Human-snake conflict (HSC) poses significant challenges in regions like the Buxar district of Bihar, India, where rapid urbanization and agricultural expansion encroach upon snake habitats. This research paper presents a comprehensive study aimed at understanding the dynamics of HSC in Buxar, focusing on species-wise snakebite cases and snake rescues during the monsoon season. Through questionnaire surveys, data analysis, and field observations, the study investigates factors contributing to HSC and proposes mitigation strategies. Findings reveal the prevalence of venomous snake species, such as the Common Indian krait and Cobra, in snakebite incidents, underscoring the need for proactive measures to mitigate conflict and conserve biodiversity.

**Keywords:** Human-snake conflict, snakebite, mitigation strategies, habitat conservation, biodiversity, Buxar district, Bihar, India.

