

Sustainable Solutions of Flood-Induced Challenges in Daspur-I Block, Paschim Medinipur

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Abstract: *Flooding poses a significant threat to rural livelihoods in Daspur-I Block, Paschim Medinipur, disrupting agriculture, housing, and essential infrastructure. This study examines key flood-induced challenges, evaluates existing mitigation measures, and explores sustainable, community-driven solutions to enhance resilience. Using content analysis, the study reviews secondary data, including government reports, scholarly articles, and policy documents, to identify effective flood risk reduction strategies. Findings highlight the socio-economic vulnerabilities of rural households, the limitations of current flood management approaches, and the potential of integrated, nature-based, and community-led solutions. The study underscores the need for policy reforms, improved disaster preparedness, and enhanced participatory governance to ensure long-term sustainability in flood-prone regions*

Keywords: Flood mitigation, Rural resilience, Sustainable solutions, Community adaptation, Flood risk management, Daspur-I Block, Climate resilience

