

Benefit-Cost Analysis of Flood Management: a Case Study of Jammu and Kashmir

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Abstract : A disaster hurts those affected. It also spares many in the affected areas, yet those spared may be indirectly affected. The analytical framework of prevention and coping has proved useful in many circumstances. Historically and currently, there has been limited quantitative information available on flood management in Jammu and Kashmir. This study focuses on the Cost-benefit Analysis (CBA) of flood management by District Disaster Management Kulgam, and the assessment is based on secondary pooled data collected from government offices, NGOs, published Journals, and local and national newspapers. It also described the scenario, the approach adopted, and the sources of flood damage cost information. The estimated total benefits account for 78686.18 lakh of rupees, and that of total costs account for 2218.75lakh of rupees. The Benefit-Cost ratio greater than one (>1) shows that Flood Management in District Kulgam was economically feasible and successfully managed. The State of Jammu and Kashmir takes essential prevention and management measures to bring down the damages due to floods to significant status.

Keywords : cost-benefit analysis, nature, flood management, disaster

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