

Impact of sedimentation by across the stream hydraulic structures on human life

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Objective of this research is to elaborate the effect of sedimentation by across the stream hydraulic structures on human life. Sediment deposition in Kohat Toi, Kohat is largely being left unstudied. In this study the different sediment deposits along obstruction i-e barrages and causeways has been investigated. The research revealed that a simple hydraulic structure puts drastic but mostly positive effect on the surrounding. The causeways and barrages have increased the cultivable area the water level resulting in eliminating the risk of droughts and flood on the Kohat City. These sediments are deposited on the upper stream and down stream of these structures hence increasing the useable land and becoming source for the low cost minerals i-e shingle, sand and aggregates.