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Planning For Urban Storm Water Drainage

Rapid urbanisation in our cities has led to lack of proper maintenance and management of stormwater. Stormwater runoff on our cities is causing flooding and contamination of water. In our cities there are no proper management techniques to control and improve the quality of the stormwater. India has not yet prepared stormwater management Manuel. It is important to consider stormwater management in our city planning as it is potential element and if not considered will cause major issues to our city and its environment

Study focus on the issues caused by lack of proper management of stormwater drains and the potential of stormwater management in our cities. Water scarcity in one of the main issues in our cities and its can be solved to an extend by management of stormwater and it is the major source for ground water recharge, as ground water is important for the sustainability of our surrounding for the growth of plant and animals, to maintain our microclimate and for the balancing the environmental activities.

Stormwater management should be based on planning in various levels including residential to region, required lot of information and clear understanding of the place. Stormwater management could bring out possibilities but there are many consequences in archiving the desired goal. A Sound approach to stormwater management could be on local characteristics, people's consideration and based on institutional support and administration and law. Stormwater management face both economical and technical issues.

Study focus on best practices in stormwater management in our cities and try to find out possible methods to adopt healthy and clean environment. Planning for urban stormwater drainage has great potential as it can improve the social, economic and physical wellbeing of our cities.

Keywords: *Stormwater Management, flooding, pollution, Rainwater Harvesting, Environment, Groundwater recharge.*