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**A REVIEW PAPER ON FLOOD IN A CHANGING CLIMATE**

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**ABSTRACT**

*This article starts with an examination of flooding as a natural catastrophe, with solutions focusing on recognizing and overcoming risks and vulnerabilities, as well as minimizing risk and harmful effects. Long-term floods alternatives should indeed be investigated in the framework of developing a much more viable class order, economics, and technologies, especially in light of the shifting weather. Then, huge kudos to useful modeling, modern science knowledge is going to lead to forecasts as to how majority of human beings to climatological and geomorphologic circumstances are likely to affect inundation damage over the next 300 years, huge kudos to their influencing factors on evapotranspiration, snowfall, run-o, severe weather, and sea-level rise. The knowledge and modeling of systems that work on diverse time and spatial levels, as well as the intricate connections across physiological, environmental, and physiological concerns, are only a few of the major research challenges generated by these difficulties. Many of the new technology solutions for decreasing the impact of floodwaters include enhanced forecast and surveillance using computational methods, object tracking, adaptable and focused early precautions, and permanently and intermittent storm surge measures.*

**KEYWORDS:** *Climate, Floods, Hydraulic, Hydrology, Meteorology, Oceanography.*

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