

Disaster Management of Floods and it's Retaining Techniques

Prof. R. B. Kesarkar¹, Samarth Rode², Anand Korde³, Om Girawale⁴,
Shaharukh Shaikh⁵, Vaibhav More⁶, Shivam Shahane⁷

Professor, Department of Civil Engineering¹

Students, Department of civil Engineering^{2,3,4,5,6,7}

JSPM's Imperial College of Engineering and Research, Pune, India

Abstract: Millions of people are impacted by floods, a frequent and destructive natural disaster whose severity is increasing as a result of climate change. The project, "Disaster Management of Floods and Its Retaining Techniques," focuses on flood control in the Mula-Mutha River basin in Pune's flood-prone Sangamwadi and Sinhagad Road areas. The study evaluates the causes, effects, and mitigation techniques of flooding brought on by encroachments, urbanization, heavy rainfall, dam releases, and poor drainage

Keywords: disaster management, flood control wall, retaining techniques, stormwater management.

