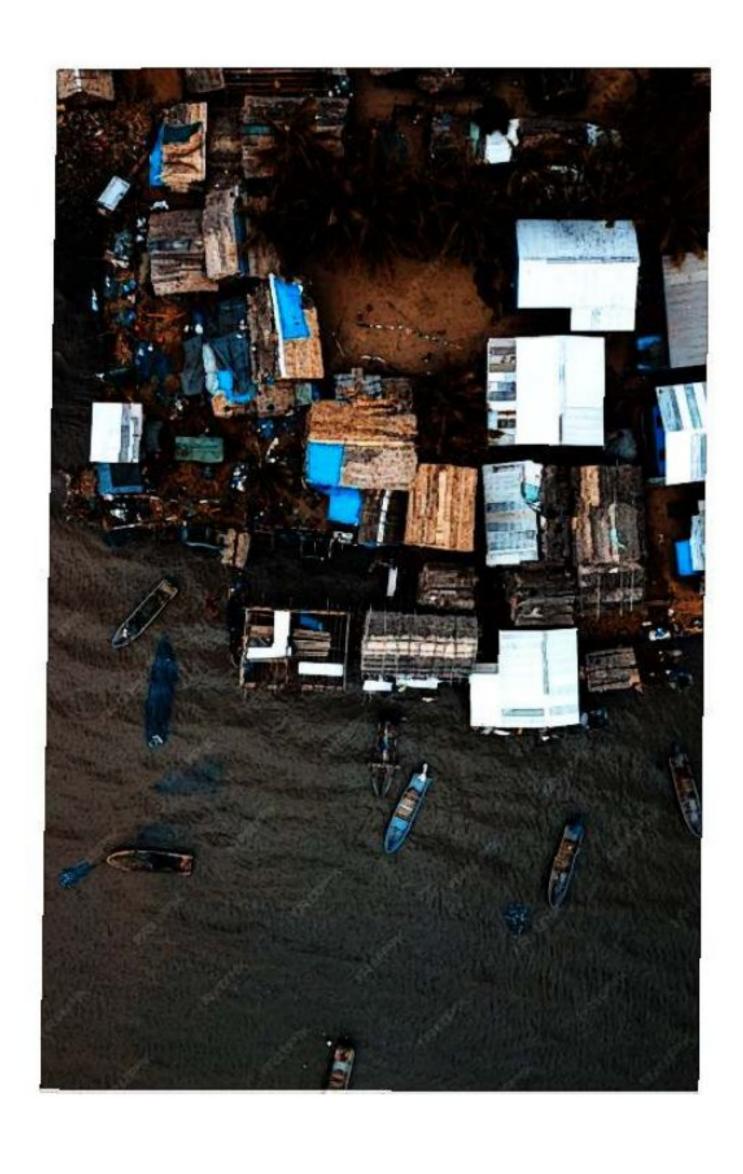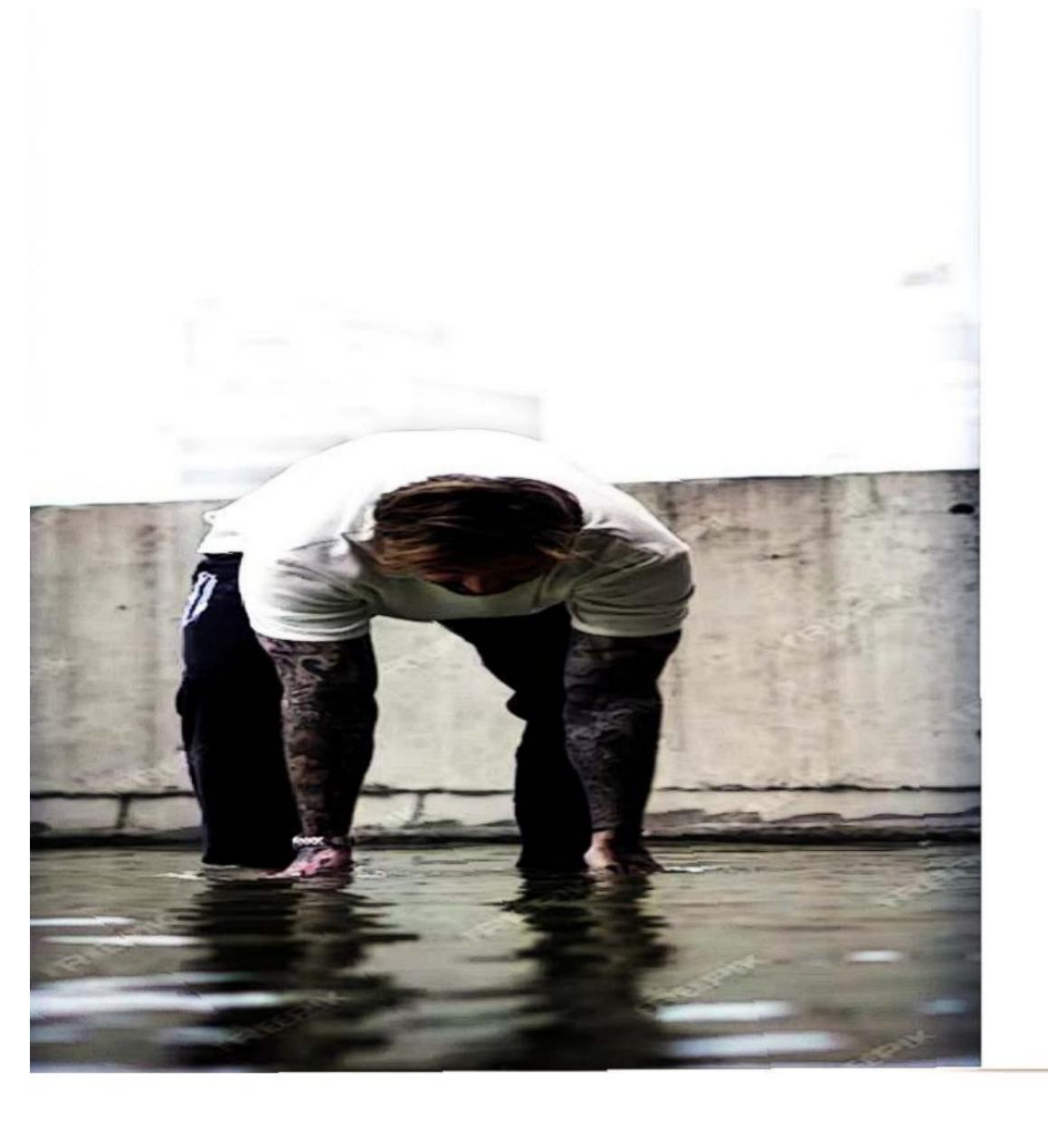# IOT BASED FLOOD MONITORING

AND

EARLY WARNING

A Project report submitted in partial fulfilment of the requirements for the degree of B.E in computer science engineering

BY

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Effective Flood Monitoring and Early Warning Systems: Mitigating Risks and Ensuring Public Safety
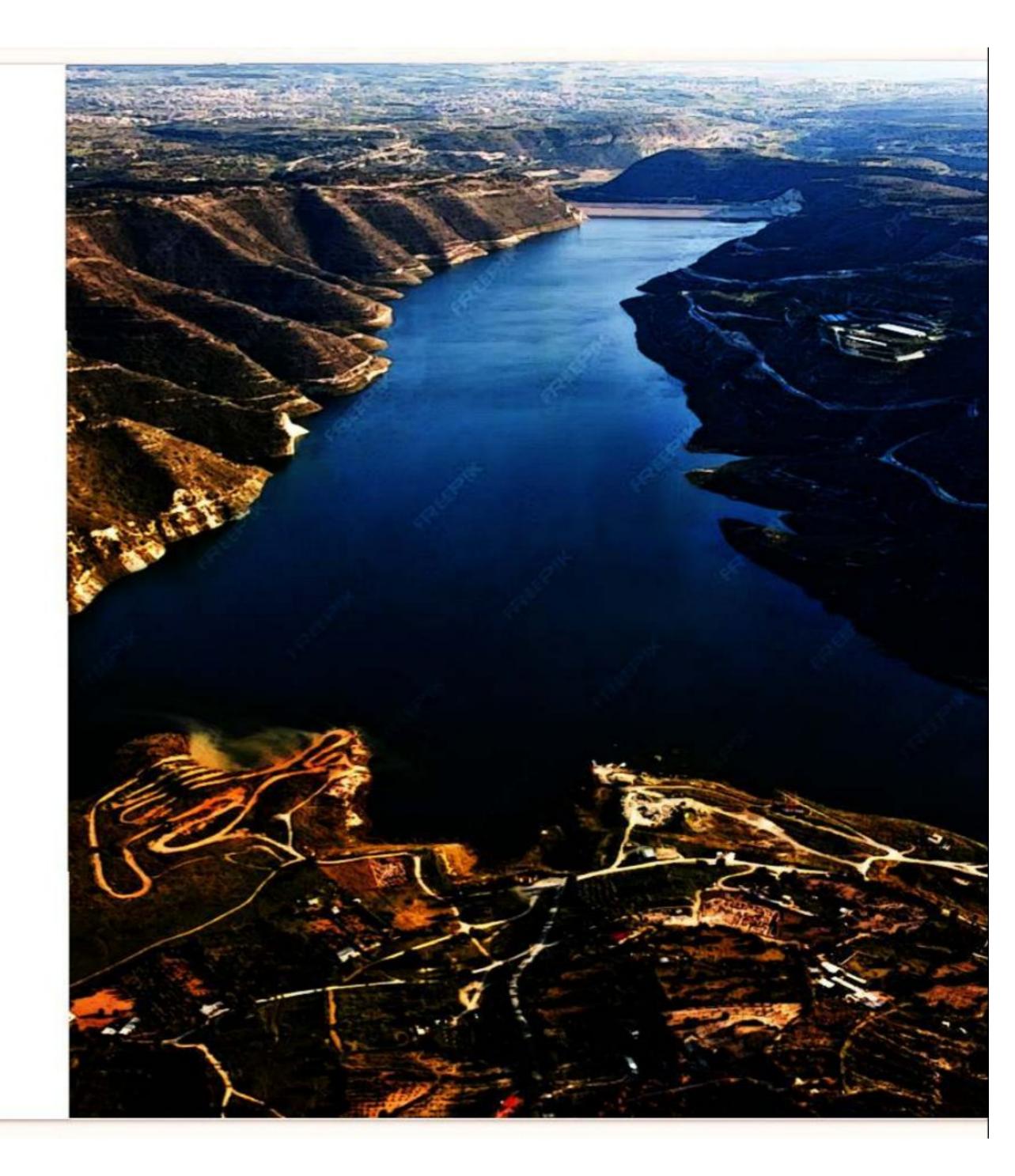
Introduction

Effective Flood Monitoring and Early Warning Systems: Mitigating Risks and Ensuring Public Safety

Floods are one of the most common natural disasters that affect millions of people worldwide. The key to minimizing their impact is through effective flood monitoring and early warning systems. This presentation will discuss the importance of these systems and how they can mitigate risks and ensure public safety.

The Importance of Flood Monitoring

Flood Monitoring: The Key to Early Detection and Mitigation Flood monitoring is the process of gathering and analyzing data about water levels, weather patterns, and other factors that can contribute to flooding. It is essential for early detection and mitigation of flood risks. This slide will discuss the importance of flood monitoring and its role in early warning systems.

Early Warning Systems

Early Warning Systems: Alerting Communities and Reducing Risks Early warning systems use data from flood monitoring to alert communities about potential flood risks. These systems can provide timely and accurate information to help people prepare and evacuate if necessary. This slide will discuss the components of effective early warning systems and their role in reducing flood risks.