



## Chapter I

### INTRODUCTION

In most countries of the world, the flood caused large damage and involved it in significant amounts of loss to individuals and its properties. During floods, it is important to have good flood response operating system to manage all the movement of the floods.

Where in this research study is made to track the map of the affected areas, to inform the individual user and they can manage their plan far from possible flood risk.

Using this system, the user can view flood movement and status using color coding. Yellow Color for continuous rain areas which possible of floods, Green Color if floods is starting as the rain continuously and the Red Color of the areas where high flood levels occur caused by heavy rainfall or result of natural disaster.