Abstract

The risks of flooding are of particular concern so it is important to be aware of its action and status especially in areas with high flood levels so that people can know to avoid it especially from adverse events caused by flooding.

So, this research was developed to identify areas that are still undergoing or are in the process of flooding so that people are alert and help prevent these areas.

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.

Methods