



ADVERSE CLIMATIC CONDITIONS AND ITS IMPACT ON THE SOCIAL AND ECONOMIC STATUS OF PEOPLE IN NORTH AL BATINAH GOVERNORATE IN 2021

Rahma Fahad Al-mamari

Amani AL Shehi

University of Technology and Applied Sciences, Shinas, Oman

66S161472@shct.edu.om; 66S16408@shct.edu.om

Abstract:

Tropical cyclones are among the greatest threats to life and property, even in their early stages of formation. They involve a number of different hazards such as storm surge, flooding, extreme winds, and tornadoes and lightning; each of these dangers alone can cause serious damage to lives and property. As these dangers coincide and interact, the rates of death and potential material damage are increasing in the Sultanate of Oman. The main reason behind this issue is lack of communication between the affected people and the government. This research proposes an application that make a bridge to connect the government, volunteers and the people affected directly. Through this application, the people of the Sultanate of Oman can communicate with the authorities to conduct the rescue operation and reach the various types of relief (financial / supplies) on time.

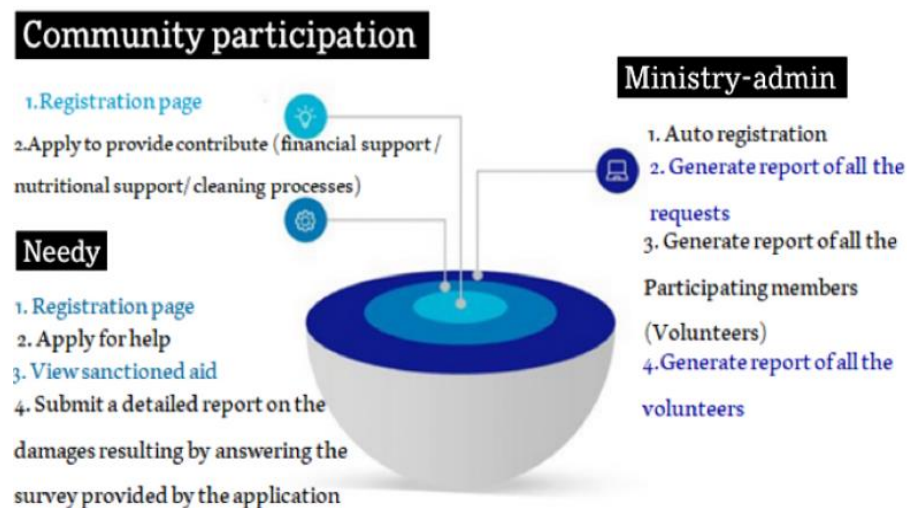


Figure 1: Research Framework

Keywords: tropical depression, storms, Hurricane Shaheen, hurricane damage, hurricane season