

Geomatics Engineering Responds Earthquake in Nepal A Case of Kathmandu University

Subash GHIMIRE, Janak PARAJULI

Corresponding address: subash_ghimire@ku.edu.np

Key Words: Earthquake, Geomatics Engineering program, Kathmandu University

ABSTRACT

On 25th and 26th April 2015, there was a great earthquake which had destroyed many houses, properties, infrastructures and many peoples. The earthquake was followed by many powerful aftershocks. The earthquake caused extensive damage to buildings and thousands of deaths and injuries and was felt in Pakistan, India and Bangladesh. Many (historic) buildings collapsed, temples have been ruined and roads were damaged. Nearly ten thousands peoples are deaths in Nepal. In this context, Geomatics Engineering of Kathmandu University responds recent earthquake in Nepal involving on various activities. The main aim of this paper is to highlight the activities carried out y Geomatics program of Kathmandu University. Geo spatial lab of GE program carried out standard geo-tagged hashtag simulation with image attachment, android application development for disaster assessment, preliminary earthquake damage assessment in various places by using UAV, post disaster mapping, volunteering to distribute relief materials etc.