World Academy of Science, Engineering and Technology International Journal of Environmental and Ecological Engineering Vol:9, No:04, 2015

## From Ondoy to Habagat: Comparison of the Community Coping Strategies between Barangay Tumana and Provident Village, Marikina City

Authors: Dinnah Feye H. Andal, Ann Laurice V. Salonga

**Abstract:** The paper investigates the flooding event that was experienced by Marikina City residents during the onslaught of Tropical Storm Ondoy on September 26, 2009 and during the heavy downpour caused by the southwest monsoon (Habagat) on August 1-8, 2012. Typhoon Ketsana, locally known as Tropical Storm Ondoy, devastated the whole of Marikina City, displacing a lot of people from their homes and damages properties as well, as flood rose at a very short period of time. Meanwhile, the massive amount of rain water brought by the southwest monsoon lasted for a week that also caused flooding to different parts of Metro Manila including Marikina City. This paper examines how the respondents' experiences of the flooding caused by Tropical Storm Ondoy informed the coping strategies that the households in Barangay Tumana and Provident Village employed during the flooding brought by the southwest monsoon rains. Specifically, the research compares the coping strategies to flood hazards between residents of Barangay Tumana and Provident Village before, during and after the flooding caused by the southwest monsoon rains. Both study sites have relatively low elevation and are located along rivers and creeks which make them highly susceptible to flood. Interviews with affected residents were undertaken to understand how a household's coping strategies contribute to the development of community coping strategies at the respective neighborhood level. Based from the findings, income levels, local politics, religion and social relations between and among neighbors affect the way household and community coping strategies differ in the two case study sites.

**Keywords:** community coping strategies, Habagat, Marikina, Ondoy

Conference Title: ICDEM 2015: International Conference on Disaster and Emergency Management

**Conference Location :** Paris, France **Conference Dates :** April 27-28, 2015