

Social and Economic Impacts of Flooding and Land Subsidence in KAMANAVA, Metro Manila

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Many areas in Metro Manila are subjected to heavy and regular flooding. Excessive rains brought by monsoons and typhoons cause flooding in the metropolis and storm surges along its coastal areas. The temporary accumulation of water is also due to insufficient drainage systems and impervious surfaces. In recent years, these flooding events have been exacerbated by land subsidence, especially in the northern parts of Metro Manila or the KAMANAVA area. A survey of households and companies was conducted to understand the flood characteristics in the area and the socio-economic impacts on the community. Results reveal the social and economic consequences and impact of flooding to properties, health and livelihood. The study shows also the factors affecting the annual cost due to floods. The research concludes with policy recommendations to curtail land subsidence and eventually reduce the impacts of flooding.