

## AI 09 Reviewing in the Dengue Epidemic in the Galle District from a Medical Geographical Perspective

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Dengue is one of the most common parasite diseases of public health concern in Sri Lanka. Recently a high prevalence of the disease was observed everywhere in the country. Those who were affected by the disease previously are at a high risk of severe life threatening conditions on recurrences. This study aims at the analyzing the issue from a medical geographical perspective with special reference to Galle district during the period covering from 2000-2010. Primary data were collected through a survey by field observations as well as by interviews held with dengue patients and discussion made with people in the Galle district municipality. Secondary data were collected from Medical Officers of Health (MOH) divisions and annual and monthly reports of the ministry of health. Arc view computer programme software was used to identify risk areas. Statically analyses of the data were done through MS Excel software. Finding of the research indicates that the disease is on the spread in the rural as well as in urban areas. It was also found that the weather pattern has a direct impact on the spread of the disease. It could be concluded that both spatial and a temporal pattern of spread of dengue epidemic can be found in the research area. Proper management, planning and implementation of action through evaluation of observation should be administrated in order to mitigate the problem.

**Keywords:** Dengue fever, public health, epidemic