



1 Field survey of the 2004 tsunami occurred at Guadeloupe, Lesser Antilles

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The strong earthquake ($M = 6.3$) occurred on 21st November 2004 in the Dominica Passage, between Guadeloupe and Dominica (Lesser Antilles), generated a weak tsunami with maximum amplitude 80 cm on neighbouring islands. Field survey is conducted on November 27, 2004. Data of the field survey are described. Results of the numerical simulations in the framework of the shallow-water theory are in reasonable agreement with observed data.