

Questionnaire

Application for Simulating Public Health Problems during Floods around the Loei River in Thailand: The Implementation of a Geographic Information System and Structural Equation Model

The objectives of this study are to investigate the causal model among public health problems during floods, flood severity, preparation, and help and to develop an application with structural equation model and geographic information system to simulate public health problems around the Loei River during floods.

The results will be summarized as a whole. Therefore, the answers from this questionnaire will be the great benefit in being a guideline for preventing public health problems caused by flooding as well as beneficial to the general public.

This questionnaire is divided into 5 parts as follows:

Part 1 General information

Part 2 Preparation

Part 3 Help

Part 4 Flood severity

Part 5 Public Health Problem

Thank you for your kind cooperation in answering this questionnaire.

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Part 5 Public Health Problem

How many public health problems does your household suffer from floods?

Public Health Problem	Problem Level										
	0	1	2	3	4	5	6	7	8	9	10
1. Drowning											
2. Electric current injury											
3. Accident injury											
4. Malnutrition											
5. Poisoning											
6. Contagious											
7. Poisonous animal bites											
8. Stressed											
9. Depressed											
10. Shocked/Fear											

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