

## **Flooding and Landslides in southern Thailand from 5-6 December, 2017**

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On 5<sup>th</sup> December 2017, the rainfall was measured, and the precipitation was more than 400 mm in Noppitam district, Nakhon Si Thammarat province, southern Thailand. In the next day morning, floods and landslides occurred suddenly which destroyed 10 houses.



**Figure 1**





Figure 2



Figure 3





**Figure 4**



**Figure 5**



**Figure 1-5** Houses were damaged due to flooding in the morning on 6<sup>th</sup> December 2017 in Noppitam district, Nakhon Si Thammarat province, southern Thailand.



**Figure 6**



**Figure 7**





Figure 8



Figure 9





**Figure 10**

**Fig. 6-10 Housewares after flooding.**



**Figure 11 The name of this woman is Dang. She lost most of her cloths during flooding except the cloths inside the basket.**





**Figure 12** The circuit of this pointed electricity meter was destroyed during the flooding.



**Figure 13**



The villagers told that flood occurred suddenly and receded quickly. The villagers moved to the higher area behind their village to escape from the flood.



Figure 14 The young girl with her bi-cycle after flooding.



Figure 15 A boy was playing on an area that was flooded





**Figure 16** This house is situated on a high area and that's why it was not flooded.



**Figure 17** This woman was grilling bananas for everybody after flooding.





**Figure 18 A crab on a street inside the village after flooding.**



**Figure 19 A shrimp on a street inside the village after flooding.**





**Figure 19**



**Figure 20**





**Figure 21**

**Figure 19-21 The river water became red and turbid after flooding**



**Figure 22**





**Figure 23**

**Figure 22-23 Dead trees got stuck under the bridge**



**Figure 24 A clear stream in upstream area**





Traditional Thai houses with high floor level are not damaged during flooding.



**Figure 25**





**Figure 26**



**Figure 27**





**Figure 28**



**Figure 29**

**Figure 25-29 The area along the banks of the canal was eroded**





**Figure 30 The reservoir was destroyed due to overflow of water.**



**Figure 31 Kans grass (*Saccharum spontaneum*) which helps the soil to be eroded.**



















