



RCMRD

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FACILITATOR:

LOWER NZOIA FLOOD ASSESSMENT

Flood Hazard maps



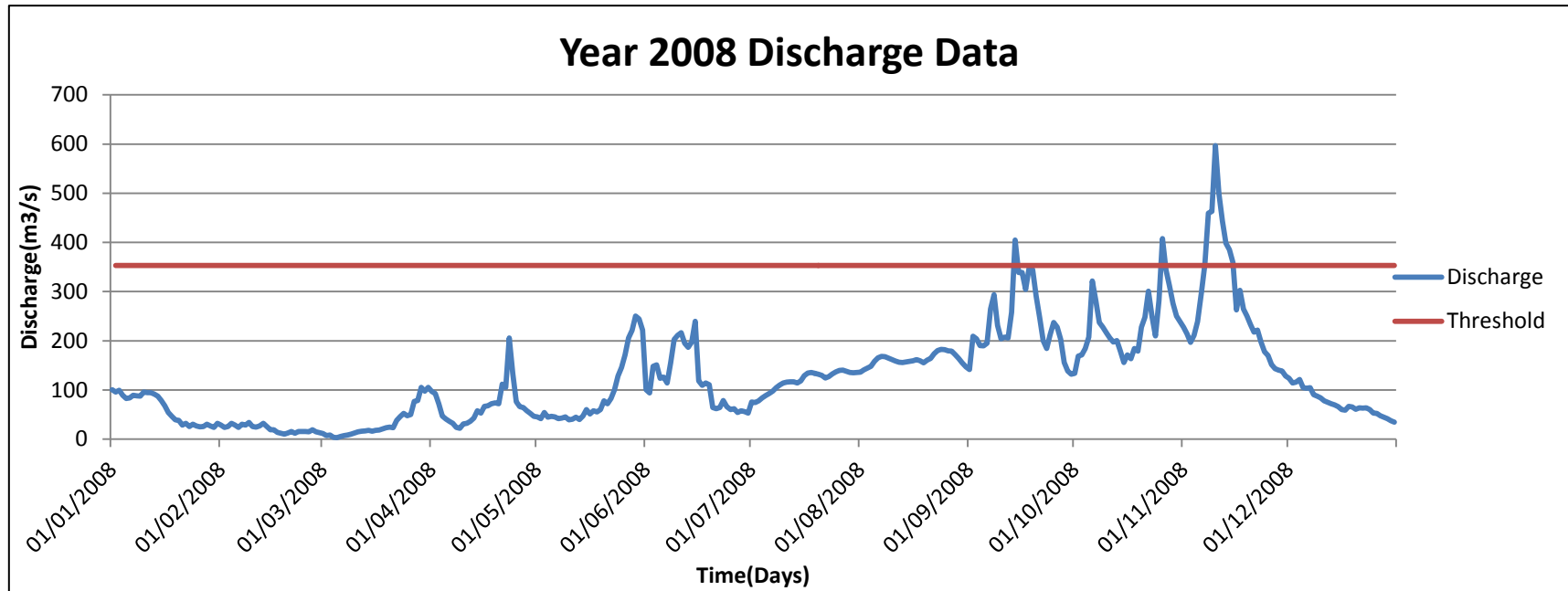
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2008 data scenarios

- Using the threshold set at 4.18m, 3 discharge events were recorded to be above the threshold. These are:
 - 404m³/s- date of recording, 14/09/2008
 - 407m³/s-date of recording , 26/10/2008
 - 596m³/s- date of recording, 10/11/2008
- From the discharges, 2 flood maps were generated i.e 1m depth flood extent map and 3m depth extent map

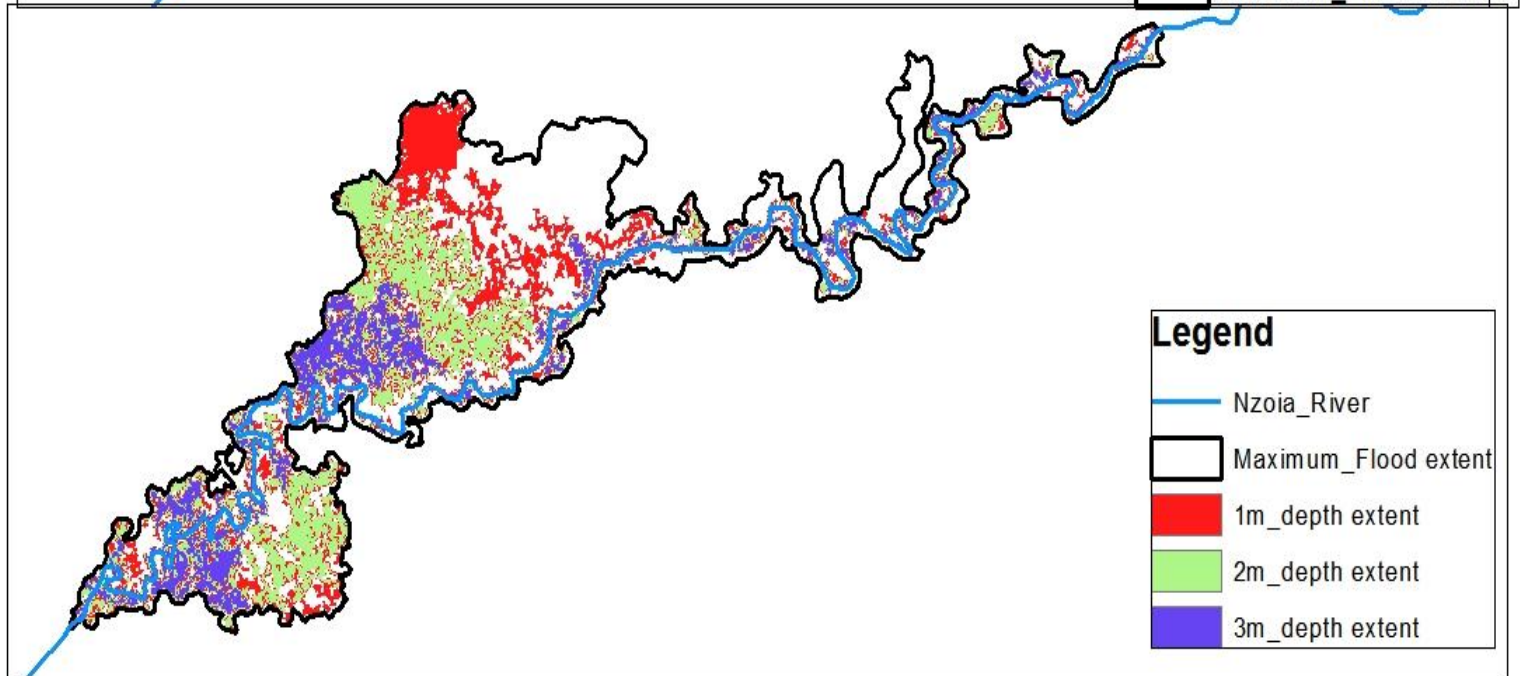
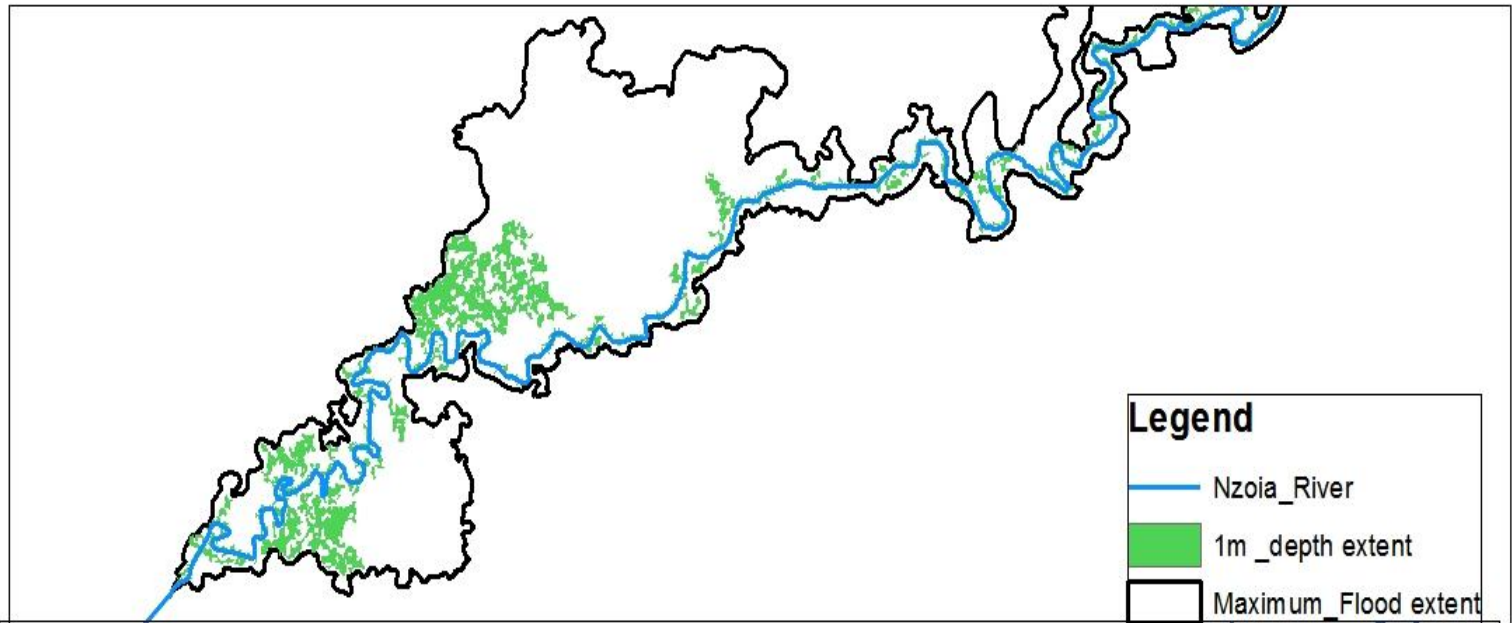


2008 data scenarios



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2008 Flood maps

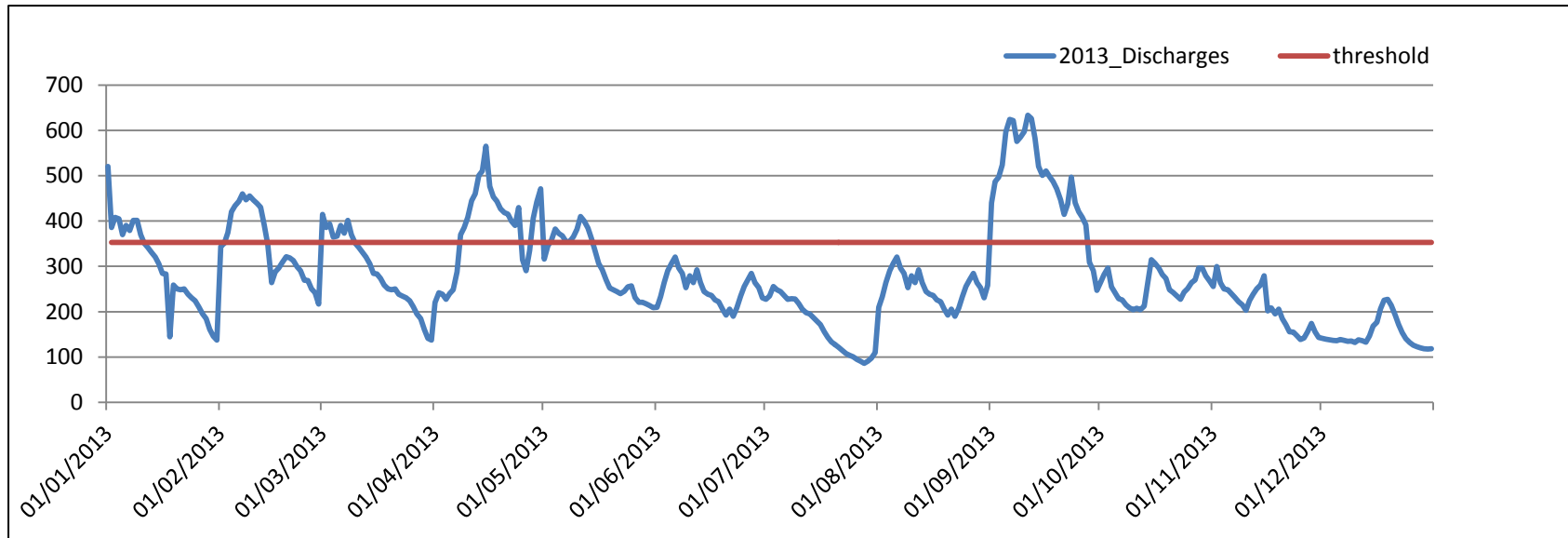


2013 data scenarios

- Using the threshold set at 4.18m, 7 discharge events were recorded to be above the threshold. These are:
 - 520m³/s- date of recording, 1/1/2013
 - 459m³/s-date of recording , 7/02/2013
 - 414m³/s- date of recording, 01/03/2013
 - 565m³/s- date of recording, 15/04/2013
 - 471m³/s- date of recording, 30/04/2013
 - 409m³/s- date of recording, 11/05/2013
 - 633m³/s- date of recording, 11/09/2013
- From the discharges, 4 flood maps were generated i.e 1.5m,2.1m,2.6m and 3.4m depth flood extent map



2013 data scenarios



2013 Flood maps

