



Cropland flood frequency in Kisumu, Kenya (2017-2021)



Flooded cropland frequency in Kisumu (Kenya) for 2017 - 2021 was calculated to prepare for the potential impact of flood on cropland and agricultural production. Measuring the frequency of cropland flooded complements SDG 6.5.1 (degree of integrated water resource management) and SDG 6.6.1 (change in extent of water-related ecosystem).

Source: UN. 2020. Map of the world [online]. [Cited February 2022]

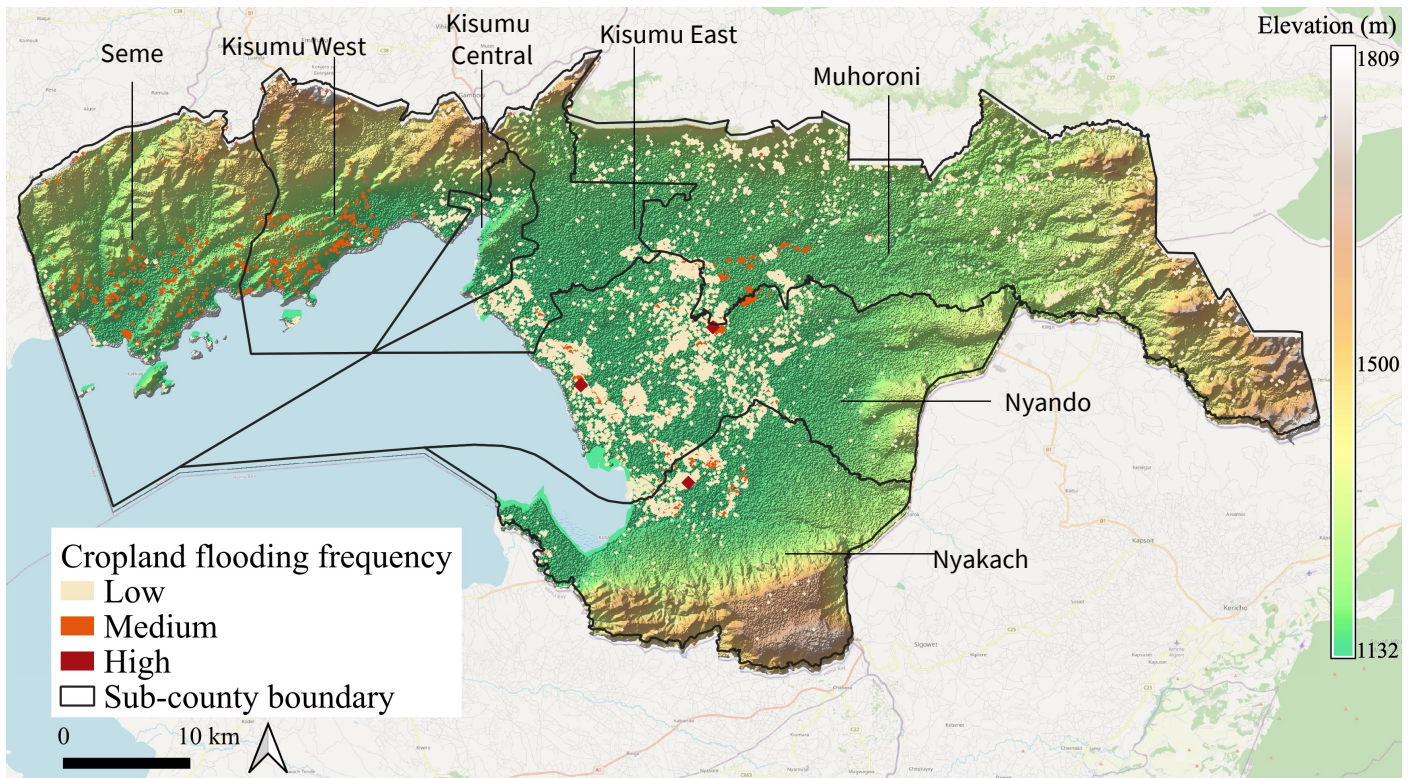


Figure 1: Spatial extent of flooded cropland frequency (high, medium and low) for the period 2017 - 2021¹

Table 1: Land area extent of flooded cropland frequency (high, medium and low) for the period 2017 - 2021

Sub county	Low		Medium		High		Total
	ha	%	ha	%	ha	%	
Nyando	1 131.8	83.6	221.2	16.3	0.2	0.01	1 353.1
Muhoroni	431.4	89.3	51.7	10.7	0.0	0.00	483.1
Nyakach	261.3	86.2	41.8	13.8	0.0	0.01	303.1
Kisumu East	135.5	91.3	12.9	8.7	0.0	0.00	148.5
Kisumu West	37.2	45.8	44.0	54.2	0.0	0.00	81.2
Seme	19.0	27.9	49.3	72.1	0.0	0.00	68.4
Kisumu Central	18.4	98.8	0.2	1.2	0.0	0.00	18.6
Total	2 034.6	82.8	421.1	17.1	0.2	0.01	2 456.0

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¹ GADM. The boundaries and names shown, and the designations used on these map(s) do not express any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.