Exposure of urban population to flood in Kisumu, Kenya (2017-2021)

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

Exposure of urban population to flood is calculated for period 2017-2021 in Kisumu, Kenya for providing decision support to better understand the vulnerability of urban population to flooding in each wards of Kisumu. Urban population (2020) is obtained from Degree of Urbanization methodology calculated using Global Human Settlement Layer tools[1].
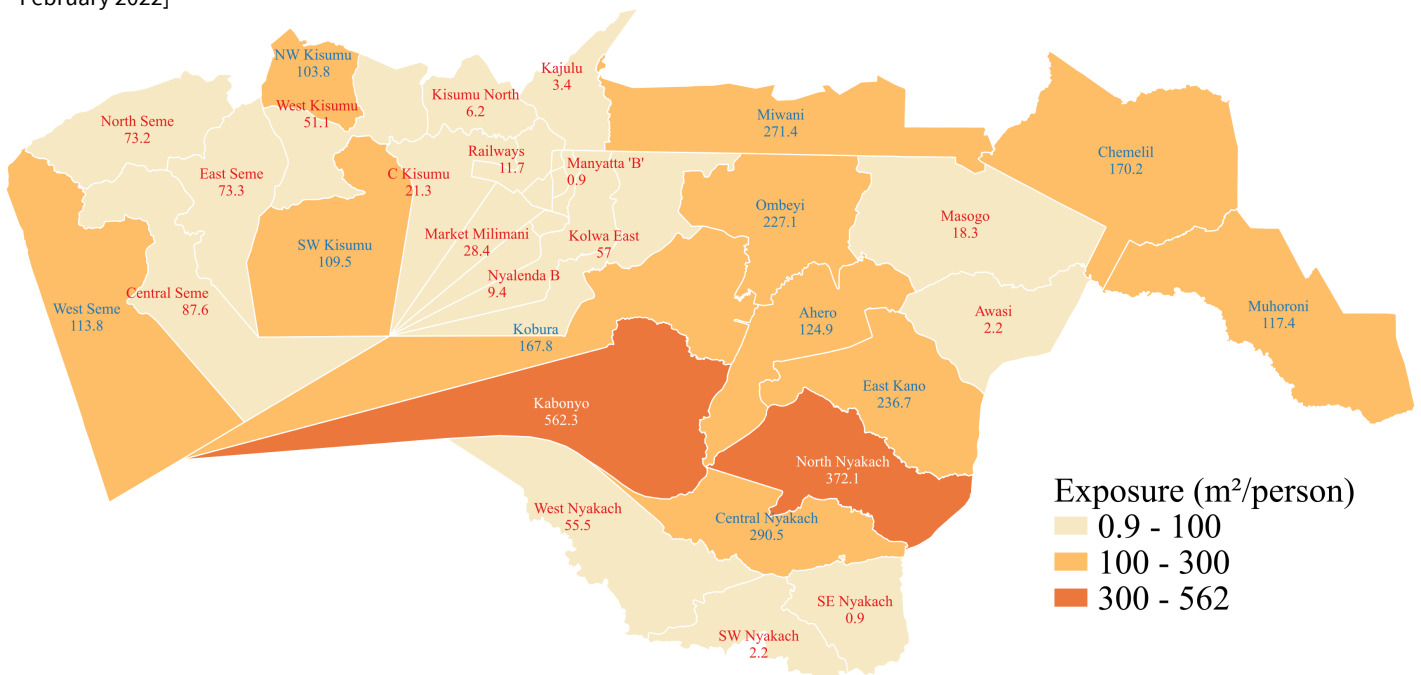

Figure 1: Exposure of urban population in flood for the period 2017 – 2021 in Kisumu, Kenya[2]

Table 1: Number of wards in urban population exposure to flood class for Kisumu, Kenya

Exposure class (m²/person)	Nb of Wards
1 - 100	22
100 – 300	11
> 300	2
Total	35

Key Findings

Wards with high exposure of urban population to flood (m²/person) (top five) :

- Kabonyo (562.3),
- North Nyakach (372.0),
- Central Nyakach (290.5),
- Miwani (271.4),
- East Kano (236.7).