

Analysis question

In the event of a Flood, how many Population might be affected?

Analysis details

Impact Function Flood raster on population polygon

Hazard

Title	24
Layer	hazard
Purpose	
Layer	raster
Geometry	
Hazard	flood
Hazard	single_event
Category	
Layer Mode	continuous
Hazard	C:/Users/RyanDelacruz/Documents/Project Tomas/DEM/Flood Extent/24.tif
Layer	
Keyword	5.0
Version	
Continuous	metres
Hazard Unit	
Thresholds	

Exposure	Population	
Classification	Flood classes	
Class name	Minimum	Maximum
Use caution	0.0	0.1
Low	0.1	0.7
Medium	0.7	1.5
High	1.5	9.41

Active Band 1

Exposure

Title	People
Layer	exposure
Purpose	
Layer	polygon
Geometry	
Exposure	population
Exposure	count
Unit	
InaSAFE	
Fields	
Adult Count	Adult
Child Count	Child
Disabled Count	Disabled
Elderly Count	Elderly

	Exposure ID	FAMILY_ID
	Female Count	Female
	Infant Count	Infant
	Male Count	Male
	Over 60 Count	Over_60
	Population count	<div>◦ Male</div> <div>◦ Female</div>
	Under 5 Count	Under_5
	Youth Count	Youth
Layer Mode	continuous	
Exposure Layer	C:/Users/RyanDelacruz/Desktop/TOMAS_V2/Exposure.gpkg layername=Exposure	
Keyword Version	5.0	
Aggregation		
Title	Barangay	
Layer Purpose	aggregation	
Layer Geometry	polygon	
InaSAFE Fields		
	Aggregation Name	BARANGAY
InaSAFE Default Values		
	Adult Ratio	0.657
	Child Ratio	0.173000000000000001
	Elderly Ratio	0.077
	Infant Ratio	0.093000000000000001
	Youth Ratio	0.266
Aggregation Layer	C:/Users/RyanDelacruz/Desktop/TOMAS_V2/Aggregation_data.shp	
Keyword Version	5.0	
Analysis Environment		
OS	Windows-11-10.0.26200-SP0	
InaSAFE Version	5.0.6	
Use Rounding	On	
Debug Mode	Off	
QGIS Version	3.40.6-Bratislava	
Qt Version	5.15.13	
GDAL Version	3.10.3	
PyQt Version	5.15.11	

