InaSAFE

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

Analysis details

Impact Function Flood raster on population polygon

Hazard

Title	27
Layer Purpose	hazard
Layer Geometry	raster
Hazard	flood
Hazard Category	single_event
Layer Mode	continuous
Hazard Layer	C:/Users/RyanDelacruz/Documents/Project Tomas/DEM/Flood Extent/27.tif
Keyword Version	5.0
Continuous Hazard Unit	metres
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	9999.0

Active Band	1

Exposure

Title	People
Layer Purpose	exposure
Layer Geometry	polygon
Exposure	population
Exposure Unit	count
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	○ Male ○ Female
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**

Adult Ratio	Adult
Aggregation Name	BARANGAY
Child Ratio	Child
Disabled Ratio	Disabled
Elderly Ratio	Elderly
Female Ratio	Female
Infant Ratio	Infant
Male Ratio	Male
Over 60 Years Ratio	Over_60
Under 5 Years Ratio	Under 5
Youth Ratio	Youth

- **Aggregation Layer** C:/Users/RyanDelacruz/Desktop/TOMAS_V2/Agregation_data.shp
- **Keyword Version** 5.0

Analysis Environment
- **OS** Windows-11-10.0.26200-SP0
- **InaSAFE Version** 5.0.6
- **Use Rounding** On
- **Debug** Off

Mode	
QGIS Version	3.40.6-Bratislava
Qt Version	5.15.13
GDAL Version	3.10.3
PyQt Version	5.15.11