InaSAFE

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** 28
  - **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/28.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