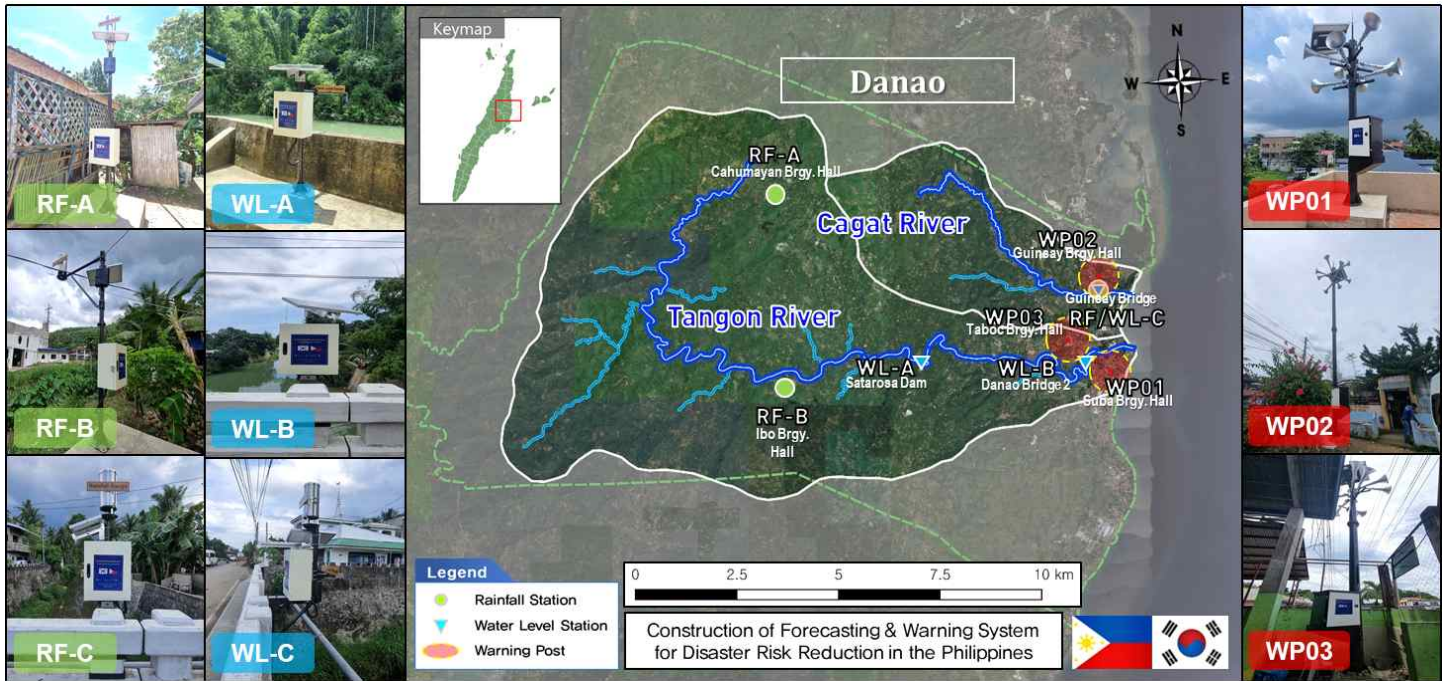


Tangon/Cagat River Basin in 2023



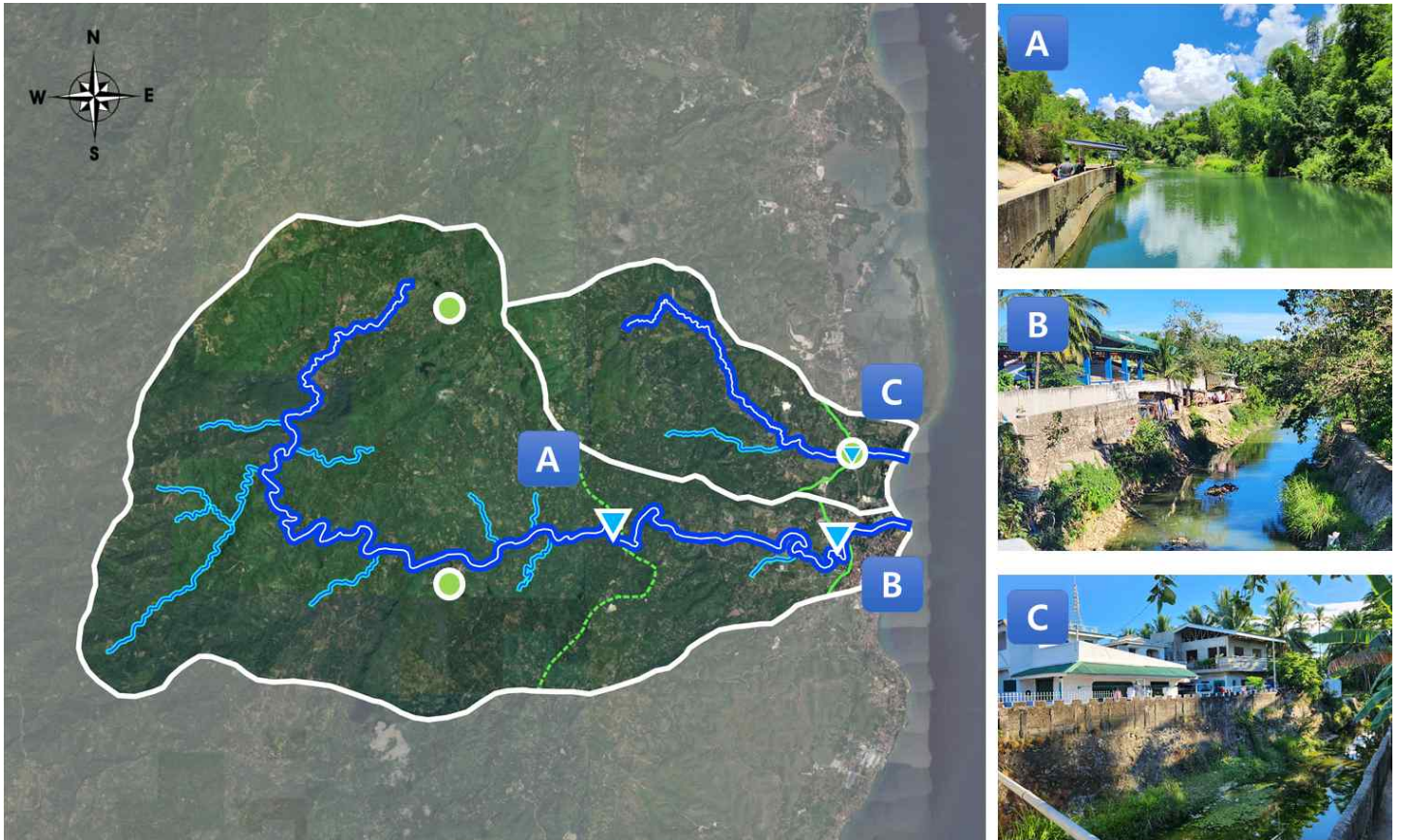
○ Characteristics of Watershed

River	Area (km ²) - A	Length (km) - L	Width (km) - A/L	Shape factor - A/L ²
Tangon	74.9	25.0	3.00	0.12
Cagat	17.7	7.5	2.36	0.31

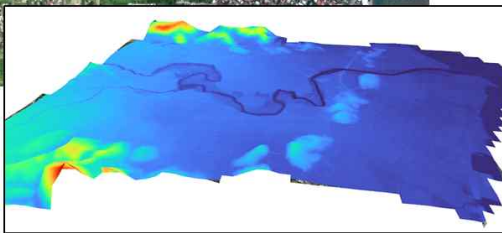
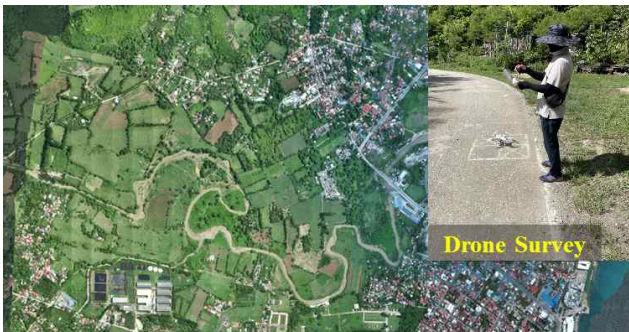
○ Location of Equipment

Basin	Division	Qty	Location	Latitude	longitude
Tangon River	Warning Post	2	Suba Brgy. Hall	10.525N	124.029E
			Guinsay Brgy. Hall	10.544N	124.024E
	Rainfall Gauge	2	Taboc Brgy. Hall	10.531N	124.019E
			Ibo Brgy. Hall	10.522N	123.960E
	Water Level Gauge	2	Satarosa Dam	10.526N	123.986E
Danao Bridge 2			10.527N	124.022E	
Cagat River	Warning Post	1	Guinsay Brgy. Hall	10.544N	124.024E
	Rainfall Gauge	1	Guinsay Bridge	10.541N	124.024E
	Water Level Gauge	1	Guinsay Bridge	10.541N	124.024E

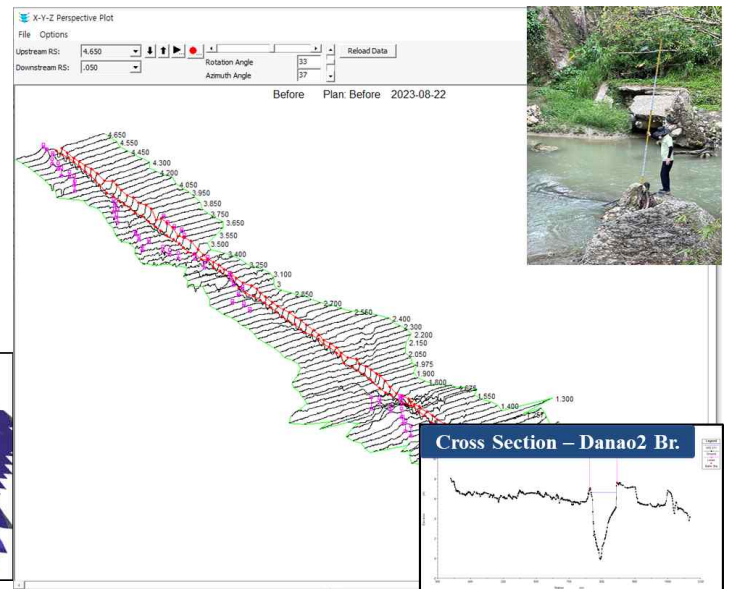
○ Characteristics of Sub Basins



○ River Survey



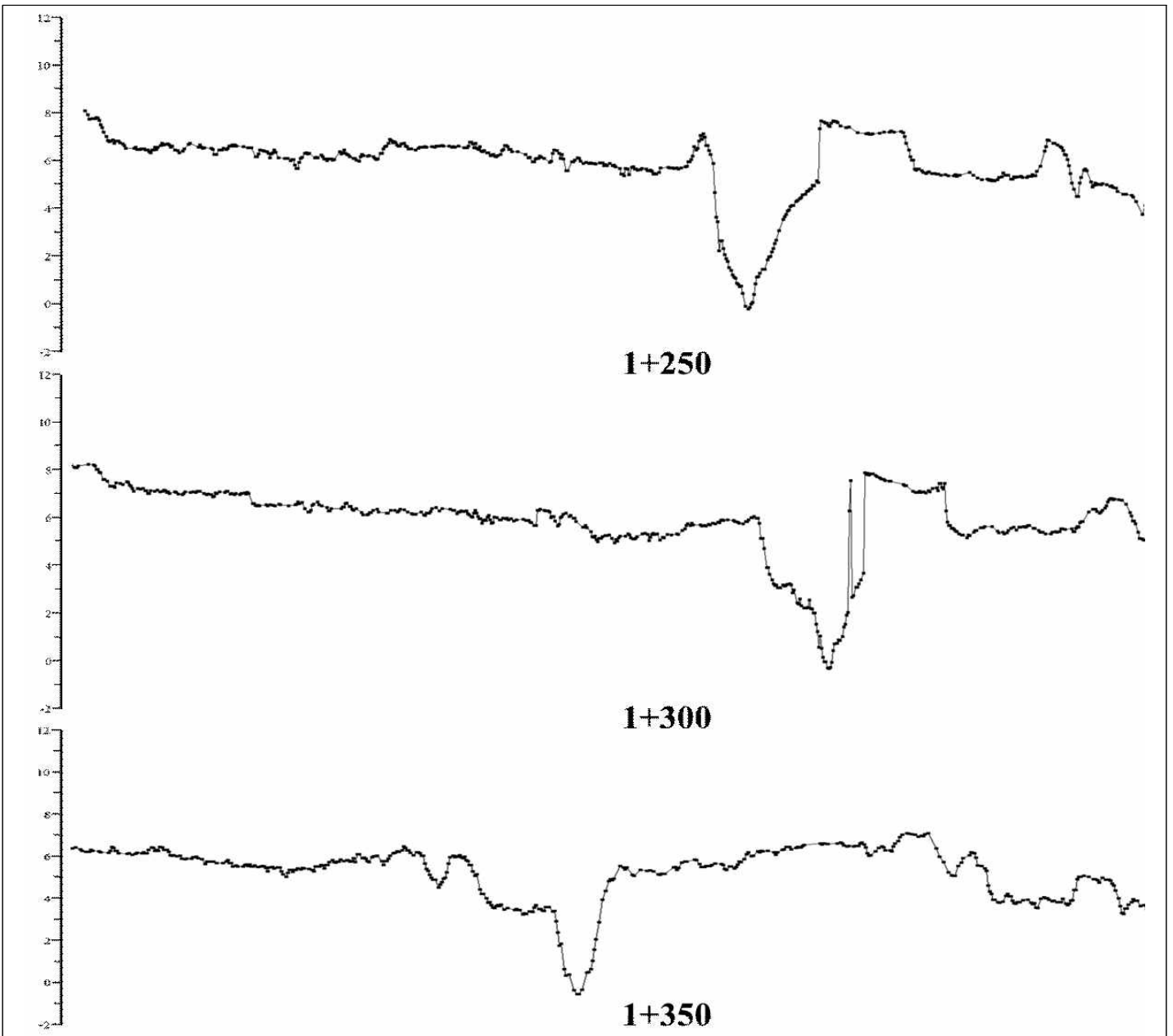
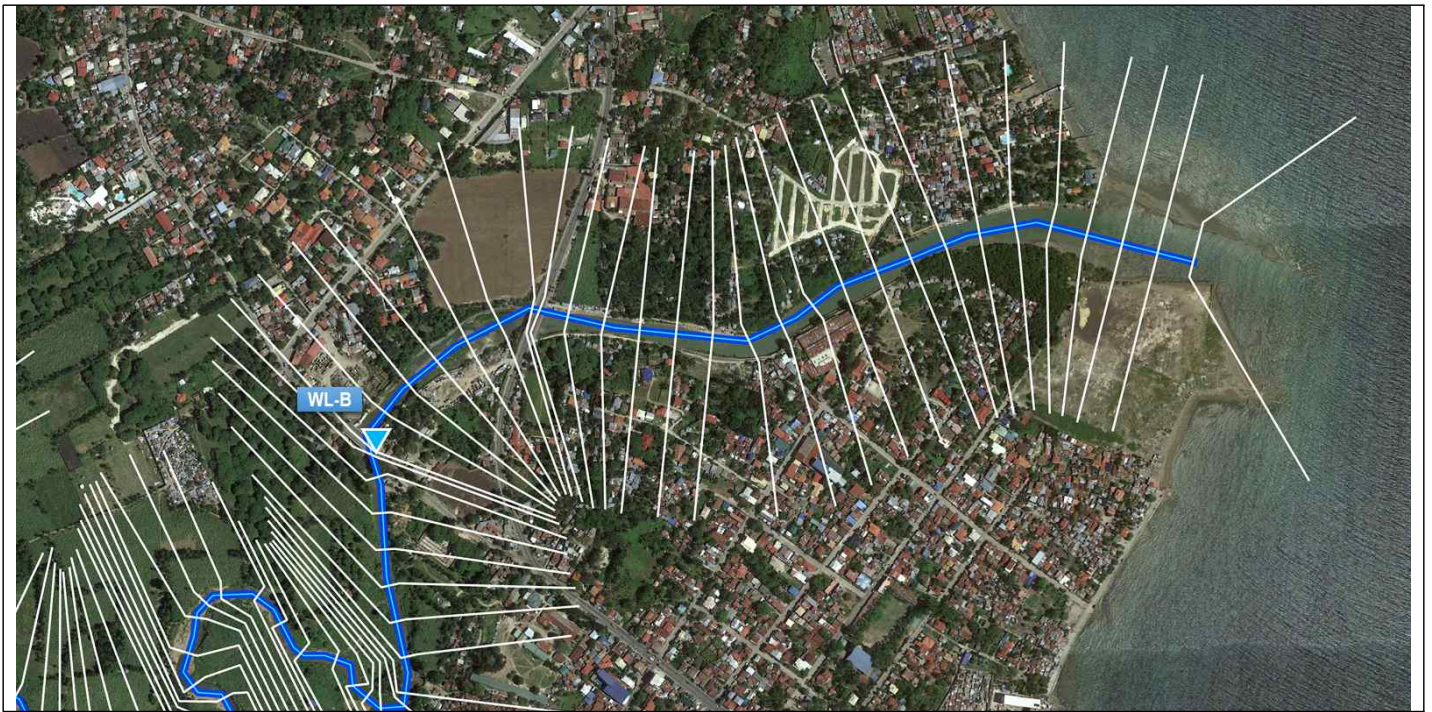
<Drone Survey>



<Cross Section Survey>

- Drone survey was performed to get the D.E.M(more than 4.0km²) of Danao city
- Cross section survey was performed to get the cross sections(199 sections) in the sector of 3 WL station of Tangon river, Cagat river. (Total 9.65km)

► Cross section (WL-B Section, Tangon River)



► Cross section (WL-C Section, Cagat River)

