

Project Name	GangaSat (Flood Area Mapping)
Start–End	December 2022–June 2023
Project Value	96.600 EUR
Slovenian Funding	96.600 EUR
Recipient Country/ Donation Recipient	India / Indian Institut of Technology Kanpur
Project Contractor	SPACE-SI (Center odličnosti Vesolje), Ljubljana in VGB d.o.o. Maribor
CRS CODE	CRS CODE 14040
Project Description	Current flood control strategies in most river basins in India are mainly based on embankments, which alter the intensity, frequency and pattern of floods and create a false sense of security among residents. On the basis of satellite images, the project were mapped the flood zones around two cities, Delhi along the Ganges River and Varanasi along the Yamuna River. Better predictability of flooding and reduction of flood risk improves the security of food and water supply, land use and construction planning, reduces emigration, increases public awareness, and the construction of new residential and agricultural facilities will contribute to improved standard of living and economic growth.
Project Phase	The project is concluded.