

Annex 2: Data overview

AVAILABLE RELEVANT DOCUMENTS AND DATA

No	Title/ Name of document, data	Previous study OUTCOMES.	TA assignment access for	Where DATA and Documents available
1	Master plan of storm water drainage and sewer system for HCMC, Plan 752, 2001	Reports	Review	DOC
2	HCMC Flood prevention plan (MARD plan), 2008	Report, 1D River flood model; Mapping	Review	MARD/ DARD
3	HCMC FRM integrated strategy, Netherland financed, 2013	Reports;	Review	DOC, UICI
4	HCMC Flood mitigation program 2020-2045 and plan of implementation up to 2030;	Report	Review	DOC
5	MTIP (2020-2025 and 2025-2030) HCMC/ TTDC	Reports	Review	DPI, DOC, TDC
6	FRM recommendations for the Thu Duc city, WB modeling consultant, 2022		Review/use available data and update	
	Report	1D/2D Hydro-hydraulic modeling; FRM strategic recommendations;	FRM investment program formulation for three phases; Engineering supports for project 1 (phase 1) investment preparation.	Bank team/ TDC
	Model	Flood model including 1D River flood, 1D Sewers and 2D urban flood models	Update models with Lidar 2020 and additional drainage pipe data;	Local modeling expertise team.
	Data	- Hydrometeorology updated to 2020; - DEM with Lidar 2012;	- Hydrometeorology updated to 2022; - DEM updated with Lidar 2020;	- Mete-Hydro center (MONRE) in HCMC; - DONRE, TDC;

		▪ Drainage pipe system with about 113 km of main lines in the city; ▪ Socio-economic data; ▪ Existing Land use based on 2015 land use map; ▪ Future land use based older version of city spatial plan (2010)	▪ Drainage pipe system updated with additional 150 km of main lines in the city and 50 km of secondary lines in the project 1 area; ▪ Update socio-economic data; ▪ Existing land use updated; ▪ Future Land use updated with new city spatial master plan (2022)	▪ DOC, UDC, TDC urban infrastructural management Division; ▪ DPI, DOC, TDC ▪ DONRE, TDC; ▪ TDC Master planning;
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