

# Data Capture Standards

## Guidelines and Specifications *for* Flood Hazard Mapping Partners

Appendix N: Data Capture Standards

### WHAT ARE THE DATA CAPTURE STANDARDS?

The Federal Emergency Management Agency's (FEMA's) Data Capture Standards:

- Define the content and format of the engineering data that result from the Flood Insurance Study process
- Describe the minimum requirements for submission of engineering data, as established by FEMA. These data standards will be used in conjunction with the Technical Support Data Notebook and other standards detailed in other specifications
- Facilitate the building of an Enhanced Digital Flood Insurance Rate Map (DFIRM) Database by providing information that is needed in manageable datasets or data components during the progression of the engineering and mapping process
- Will allow FEMA to track and evaluate progress of studies and report these metrics to stakeholders

### HOW ARE THE DATA CAPTURE STANDARDS USED?

The Data Capture Standards will be used by FEMA Regional Office and Headquarters staff and other flood hazard mapping partners that support the National Flood Insurance Program.

These mapping partners include communities; regional and State

agencies, including participants in the Cooperating Technical Partners Program; contractors to FEMA; other mapping partners; other Federal agencies; and community residents and property owners.

### HOW ARE THE DATA CAPTURE STANDARDS ORGANIZED?

The Data Capture Standards are grouped into the following sections:

- Terrain
- Field survey
- Hydrology
- Hydraulics

Each section corresponds to key data capture points during the development of data during a Flood Insurance Study. These data capture points occur when a task is completed and the data generated during the performance of that task is ready for assembly and delivery.

### WHERE CAN THE DATA CAPTURE STANDARDS BE OBTAINED?

Interested parties may download the draft Data Capture Standards from FEMA's Flood Hazard Mapping Web site at [www.fema.gov/fhm/gs\\_main.shtm](http://www.fema.gov/fhm/gs_main.shtm).

The Data Capture Standards will be finalized once all comments have been addressed. FEMA's Data Capture Standards may be modified as the Mapping Information Platform (MIP) is developed.

FEMA's MIP will be used to manage the data and produce the Flood Insurance Studies. The MIP is available online at [hazards.fema.gov](http://hazards.fema.gov).

For more information, please visit [www.fema.gov/fhm/mm\\_main.shtm](http://www.fema.gov/fhm/mm_main.shtm).