



FEMA



Summary:

Procedure Memorandum No. 65 - (Flood Risk Database)

Audience

This is primarily a technical specification for the Flood Risk Database. The primary intended audience for this guidance is Mapping Partners that are scoped to provide non-regulatory products; primarily the Flood Risk Database, for FY2010-funded (and beyond) projects. A secondary audience consists of FEMA staff responsible for ordering the work to be performed, or managing the flood risk projects and acceptance of deliverables from those projects. A tertiary audience could include all other users or recipients of the Flood Risk Database. The document should be used by these audiences when developing, checking, or using the Flood Risk Database.

Purpose

This guidance provides the database standards for the Flood Risk Database. It also contains additional definitions and descriptions for enhanced flood risk datasets which were not previously defined. The guidance provides detailed attribute definitions and database components (tables, datasets, rasters, etc) that are both required and optional for the Flood Risk Database.

In order to achieve national consistency, usability and end-user confidence and acceptance, database standards are required for all FRD submittals. When creating the Flood Risk Database (FRD) as part of a flood risk project, Mapping Partners must utilize this document to define the standards to which the FRD should be delivered. By utilizing the schema poster (Attachment A of PM 65), Mapping Partners will understand the relationships of the various datasets and tables within the FRD as well as the required data field characteristics (type, width, precision, domains, descriptions, etc). Attachment B provides the Metadata Profile for the FRD which Mapping Partners must utilize to describe and document the data used in developing and delivering the FRD.

This guidance does not include specific instructions or methods for how to create flood risk datasets (see Appendix N) or how to submit the FRD deliverables (MSC Deliverable Guide) or any standards for the Flood Risk Map or Report (see Appendix O). Although this document does not define any specific quality control steps or procedures for the FRD, Mapping Partners should apply the same quality management principals to the FRD that they would normally apply to regulatory products.

Risk MAP Guidance

This document is a component of Risk MAP Guidance. The Risk MAP program is managed by FEMA to develop flood risk information and work with communities to help them understand and act on the data to manage the risks. Risk MAP Guidance defines the product and process standards and best practices for the program:

- Standards are contained in the document “Guidelines and Standards for Flood Risk Analysis and Mapping” (G&S document) which primarily contain standards, but currently substantial best practice information are also included.
- Procedure Memos supersede portions of the G&S document or address new issues not currently covered. In most cases they will be integrated into the G&S document over time.
- Operating Guidance describes best practices that support the Risk MAP standards.

RiskMAP
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