

## List of Acronyms and Abbreviations

The acronyms and abbreviations listed below are used in this Manual, *Guidelines and Specifications for Flood Hazard Mapping Partners*, and in other guidance documents produced by the Department of Homeland Security's Federal Emergency Management Agency (FEMA). These acronyms and abbreviations also will be encountered in the completion of activities as part of the Flood Hazard Mapping Program.

### A

AML	ARC Macro Language
AAER	Average Annual Erosion Rate
ACSM	American Congress of Surveying and Mapping
ANI	Area Not Included
AO	(FEMA) Assistance Officer
APA	American Planning Association
APWA	American Public Works Association
ASC	Area of Special Consideration
ASCE	American Society of Civil Engineers
ASCII	American Standard Code for Information Interchange
ASFPM	Association of State Floodplain Managers
ASPRS	American Society of Photogrammetry and Remote Sensing
ASWM	Association of State Wetland Managers
AT	Area Triangulation

### B

BERD	Blocked Erosion Rate Database
BFE	Base Flood Elevation
BIL	Band Interleaved by Line (Format)
BM	Bench Mark
BuRec	U.S. Bureau of Reclamation

**C**

CAC	Community Assistance Call
CAD	Computer-Assisted Drafting
CAV	Community Assistance Visits
CADD	Computer-Assisted Drafting and Design
CAP	Community Assistance Program
CBRA	Coastal Barrier Resources Act (of 1982)
CBRS	Coastal Barrier Resources System
CCO	Consultation Coordination Officer
CD-ROM	Compact Disk Read-Only Memory
CEO	Chief Executive Officer (Community)
CERC	Coastal Engineering Research Center (U.S. Army)
CFR	Code of Federal Regulations
CID	Community Identification (Number)
CIS	Community Information System (database)
CLOMA	Conditional Letter of Map Amendment
CLOMR	Conditional Letter of Map Revision
CLOMR-F	Conditional Letter of Map Revision Based on Fill
CMA	Community Map Action (Form)
CMAS	Circular Map Accuracy Standard
CMR	Community Map Repository
CO	Contracting Officer
CORS	Continuously Operating Reference Stations
CRS	Community Rating System
CSO	Coastal States Organization
CSIS	Credited Structures Inventory System
CTP	Cooperating Technical Partners (Program)

**D**

DBMS	Database Management System
DEM	Digital Elevation Model
DFIRM	Digital Flood Insurance Rate Map
DFO	Disaster Field Office
DGPS	Differential Global Positioning System
DHS	Department of Homeland Security
DLG	Digital Line Graph
DLG-3	Digital Line Graph Level 3
DOI	U.S. Department of the Interior
DOQ	Digital Orthophoto Quadrangle
DOQQ	Digital Orthophoto Quarter Quadrangle
DTM	Digital Terrain Model
DU	Dune (Line)

**E**

EDR	External Data Request
EMI	Emergency Management Institute
EO	Exterior Orientation (Parameter)
EPA	U.S. Environmental Protection Agency
ERM	Elevation Reference Mark
ERP	Elevation Reference Point
ESDP	Engineering Study Data Package
ESDPF	Engineering Study Data Package Facility
ESF	Emergency Support Function
EST	Emergency Support Team
ET	End-of-Transect (Line)
ETJ	Extraterritorial Jurisdiction (limits)

**F**

FAAT	Fully Analytical Aerial Triangulation
FBFM	Flood Boundary and Floodway Map
FBN	Federal Base Network
FCSA	Fee-Charge System Administrator
FEDD	Flood Elevation Determination Docket
FEMA	Federal Emergency Management Agency
FGCC	Federal Geodetic Coordinating Committee
FGDC	Federal Geographic Data Committee
FHAR	Flood Hazard Analyses Report
FHBM	Flood Hazard Boundary Map
FHM	Flood Hazard Mapping (FEMA Web site)
FIPS	Federal Information and Processing Standards (Code)
FIRM	Flood Insurance Rate Map
FIRM-DLG	Flood Insurance Rate Map-Digital Line Graph
FIS	Flood Insurance Study
FMS	Floodplain Management Section (FEMA Headquarters)
FOIA	Freedom of Information Act
FPI	Floodplain Information Report
FTP	File Transfer Protocol
FY	Fiscal Year

**G**

GeoTIFF	Georeferenced Tagged Image File Format
GIS	Geographic Information System
GLWRM	(FEMA) Great Lakes Wave Runup Model
GPO	U.S. Government Printing Office
GPS	Global Positioning System

**H**

HEC	Hydrologic Engineering Center (U.S. Army Corps of Engineers)
H&H	Hydrologic and Hydraulic (analyses)
HMGP	Hazard Mitigation Grant Program
HQ	Headquarters (FEMA)
HSLD	Historic Shoreline Location Database
HSPCD	Historic Shoreline Positional Change Database
HWL	High Water Line

**I**

IDIQ	Indefinite Delivery Indefinite Quantity Contractor
ILGD85	International Great Lakes Datum of 1985
IMU	Inertial Measurement Unit
INS	Inertial Navigation System

**L**

LAG	Lowest Adjacent Grade
LAN	Local Area Network
LFD	Letter of Final Determination
LFFE	Lowest Finished Flood Elevation
LIDAR	Light Detection and Ranging (System)
LIDEF	Levee Inventory Data Entry Form
LMMP	Limited Map Maintenance Program Project Revision
LODR	Letter of Determination Review
LOMA	Letter of Map Amendment
LOMC	Letter of Map Change
LOMC-VALID	Letter of Map Change Revalidation (Letter)
LOMR	Letter of Map Revision
LOMR-F	Letter of Map Revision Based on Fill

**M**

MAS	Mapping Activity Statement
MCC	Flood Map Production Coordination Contractor
MFP	Minimally Floodprone
MHWL	Mean High Water Line
MICS	Monitoring Information on Contracted Studies (System)
MIP	Mapping Information Platform
MIS	Management Information System
MitDiv	Mitigation Division
MNAP	Mapping Needs Assessment Process
MNUSS	Map Needs Update Support System
MOA	Memorandum of Agreement
mph	Miles per Hour
MSC	Map Service Center (FEMA)

**N**

NACO	National Association of Counties
NAD27	North American Datum of 1927
NAD83	North American Datum of 1983
NADO	National Association of Development Organizations
NAFSMA	National Association of Flood and Stormwater Management Agencies
NAHB	National Association of Home Builders
NAR	National Association of Realtors
NAVD88	North American Vertical Datum of 1988
NAS	National Academy of Sciences
NASA	National Aeronautic and Space Administration
NCSSA	National Cartographic Standards for Spatial Accuracy
NCP	Network Control Point

NDEP	National Digital Elevation Program
NDOP	National Digital Orthophoto Program
NEMA	National Emergency Management Association
NFDA	National Flood Determination Association
NFIF	National Flood Insurance Fund
NFIP	National Flood Insurance Program
NFIRA	National Flood Insurance Reform Act of 1994
NFP	Non-Floodprone
NGVD29	National Geodetic Vertical Datum of 1929
NGRS	National Geodetic Reference System
NGS	National Geodetic Survey
NLIC	National Lenders Insurance Council
NMAS	National Map Accuracy Standard
NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Survey
NP	Navigation Processor
NRC	National Research Council
NRCS	Natural Resources Conservation Service
NSP	National Service Provider
NSRS	National Spatial Reference System
NSSDA	National Standard for Spatial Data Accuracy
NWS	National Weather Service

**O**

OF	Over-water Fetch (Line)
OGC	Office of General Counsel
OPA	Otherwise Protected Area

**P**

PA	Partnership Agreement (CTP) Project Administration (MOD team group)
PAL	Provisionally Accredited Levee
pdf	Portable Document Format
PDF	Probability Density Function
PDOP	Position Dilution of Precision
PE	Professional Engineer
PID	Permanent Identifier
PLSS	U.S. Public Land Survey System
PMR	Physical Map Revision
PO	Project Officer (FEMA HQ)

**Q**

QA	Quality Assurance
QC	Quality Control
QA/QC	Quality Assurance/Quality Control

**R**

RFIS	Flood Insurance Restudy
RLS	Registered Land Surveyor
RMM	River Mile Marker
RMS	Root Mean Square
RMSE	Root Mean Square Error
RO	Regional Office (FEMA)
ROC	Regional Operations Center (FEMA)
RPO	Regional Project Officer (FEMA RO)
RXDS	Existing Data Restudy

**S**

SAC	Secondary Airport Control
SC	Study Contractor
SCRR	Special Conversion Recommendation Report
SDTS	Spatial Data Transfer System
SFHA	Special Flood Hazard Area
SIF	Standard Interchange Format
SOMA	Summary of Map Actions
SOS	Status of Studies
SOW	Statement of Work
SPR	Special Problem Report
SWEL	Stillwater Flood Elevation
SWFL	Stillwater Flood Level

**T**

TBM	Temporary Bench Mark
TCS	(Standard Flood Hazard) Tracking and Correspondence System
TIGER	Topologically Integrated Geographic Encoding and Reference (System)
TIN	Triangulated Irregular Network
TSDN	Technical Support Data Notebook
TVA	Tennessee Valley Authority

**U**

USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USGS-DLG	U.S. Geological Survey Digital Line Graph (Format)
UTM	Universal Transverse Mercator

**V**

VAX	Virtual Address Extension
VE	Rigid Vegetation Line
VMAS	Vertical Map Accuracy Standard
VMS	Virtual Memory System
VPF	Vector Product Format

**W**

WAN	Wide Area Network
WHAFIS	Wave Height Analyses for Flood Insurance Studies (computer program)
WIS	Wave Information Study
WORM	Write Once Read Many (CD-ROM Drive)
WSEL	Water-Surface Elevation

**X**

XDS	Existing Data Study
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