

Appendix B: FFRMS Floodplain Determination: Worksheet

This is a worksheet to assist in the FFRMS floodplain determination process. The spaces below follow the steps identified in this job aid. The case studies provide examples of how to use the table.

Basic Project Information	
Name and Organization of Person Completing the Form:	
Federal Agency (if different from above):	
Project Name:	
Project Type:	
Critical or Non-Critical Action:	
Coastal or Riverine:	
Select FFRMS Flood Determination Approach (CISA, FVA, 0.2PFA):	

Steps with Images	Recorded Answers
<p>1. Identify and record the site latitude/longitude.</p> <p>[Paste relevant image snapshot]</p>	

Steps with Images	Recorded Answers
<p><i>Skip to step 7 if using 0.2PFA</i></p> <p>2. Round the elevation(s) down for the most conservative estimate (for FVA or CISA)</p> <p>[Paste relevant image snapshot]</p>	
<p>3. Locate the floodplain zone and BFE if within the Special Flood Hazard Area, or nearest floodplain zone and BFE if action is outside, and round to the value that results in the largest potential floodplain.</p> <p>[Paste relevant image snapshot]</p>	

Steps with Images	Recorded Answers
<p>4. Note action characteristics such as service life, criticality, risk tolerance (low, medium, high), and any other hazards of concern (flash floods, erosion).</p>	
<p>5.</p> <p>a. Determine the FFRMS flood elevation based on FVA (if applicable).</p>	
<p>b. Determine the FFRMS flood elevation based on simplified CISA (if applicable).</p>	
<p>6. Compare the answer in step 2 to step 5 and determine if the site is in the FFRMS floodplain.</p>	
<p>7. For 0.2PFA only, locate the site in the flood map and determine if it is in 0.2 percent-annual-chance hazard area (if applicable).</p>	

Appendix C: Acronym List

BFE	Base Flood Elevation
CEQ	Council on Environmental Quality
CISA	Climate-Informed Science Approach
DHS	Department of Homeland Security
DOC	Department of Commerce
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of the Interior
DOJ	Department of Justice
DOL	Department of Labor
DOT	Department of Transportation
EO	Executive Order
EPA	Environmental Protection Agency
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FFRMS	Federal Flood Risk Management Standard
FFSST	Federal Flood Standard Support Tool
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FVA	Freeboard Value Approach
GIS	Geographic Information System
GSA	General Services Administration

HAG	Highest Adjacent Grade
HHS	Health and Human Services
HUD	Housing and Urban Development
IWG	Interagency Working Group
LAG	Lowest Adjacent Grade
LOMC	Letters of Map Change
MSC	Map Service Center
NASA	National Aeronautics And Space Administration
NCPC	National Capital Planning Commission
NFHL	National Flood Hazard Layer
NFIP	National Flood Insurance Program
NOAA	National Oceanic And Atmospheric Administration
NSF	National Science Foundation
OMB	Office of Management and Budget
OPM	Office of Personnel Management
OSTP	Office of Science and Technology Policy
SBA	Small Business Administration
SLR	Sea-Level Rise
SSA	Social Security Administration
TVA	Tennessee Valley Authority
U.S.	United States
USDA	United States Department of Agriculture
USGS	United States Geological Survey