CFM® Validation Survey

SurveyMonkey

1. Your name and contact information:

		Response Percent	Response Count
Full Name (required for CECs and Membership drawing)		**100.0%**	**989**
Email address (required for CECs and Membership drawing)		99.7%	986
OR Phone Number (required for CECs and Membership drawing)		74.2%	734
		answered question	**989**
		skipped question	**44**

2. Do you hold or have you held the designation of CFM® (Certified Floodplain Manager)?

	Response Percent	Response Count
YES, I currently hold the CFM®	**90.3%**	**933**
YES, I have held the CFM® in the past	0.6%	6
NO, I do not hold the CFM®	9.1%	94
answered question		**1,033**
skipped question		**0**

3. If you answered NO above (you do not hold the CFM® designation), how likely are you to seek it within the next two years?

	Response Percent	Response Count
Very Unlikely	14.4%	15
Somewhat Unlikely	8.7%	9
Somewhat Likely	14.4%	15
Very Likely	**62.5%**	**65**
answered question		**104**
skipped question		**929**

4. Please write in the full title and abbreviation of any certifications or licenses you currently hold. These are in addition to the CFM®.

		Response Percent	Response Count
Cert / License 1		**100.0%**	**730**
Cert / License 2		46.2%	337
Cert / License 3		26.2%	191
Cert / License 4		16.4%	120
		answered question	**730**
		skipped question	**303**

5. What percentage of your work time in your current role is spent on floodplain management activities?

	Response Percent	Response Count
Not Applicable	1.1%	11
1-10%	**22.7%**	**234**
11-20%	19.7%	204
21-30%	18.4%	190
31-40%	8.6%	89
41-50%	7.6%	79
51-60%	4.2%	43
61-70%	2.9%	30
71-80%	3.4%	35
81-90%	3.2%	33
91-100%	8.2%	85
	answered question	**1,033**
	skipped question	**0**

6. What is your highest earned degree?

		Response Percent	Response Count
No Degree		2.1%	22
High School or Equivalent		19.4%	200
Associates		10.4%	107
Bachelors		**45.3%**	**468**
Masters		22.3%	230
Doctorate		0.6%	6
		answered question	**1,033**
		skipped question	**0**

7. How long have you been employed in the field of floodplain management (total career)?

	Response Percent	Response Count
1 year or less	5.9%	61
2-5 years	**32.1%**	**332**
6-10 years	26.7%	276
11-15 years	16.0%	165
16-20 years	9.1%	94
21-25 years	6.6%	68
26-30 years	2.2%	23
31+ years	1.4%	14
	answered question	**1,033**
	skipped question	**0**

8. How long have you worked in your current position?

	Response Percent	Response Count
Not Applicable	0.1%	1
Retired	0.0%	0
1 year or less	7.9%	82
2-5 years	**42.9%**	**443**
6-10 years	27.7%	286
11-15 years	10.6%	110
16-20 years	5.3%	55
21-25 years	3.9%	40
26-30 years	0.9%	9
31+ years	0.7%	7
	answered question	**1,033**
	skipped question	**0**

9. My current work organization is

	Response Percent	Response Count
Not Applicable	0.3%	3
Public sector	**94.4%**	**975**
Private sector	5.3%	55
	answered question	**1,033**
	skipped question	**0**

10. My current work organization’s sector / level is:

	Response Percent	Response Count
Not Applicable	0.0%	0
Local level (city, county)	**100.0%**	**1,033**
State level	0.0%	0
Multi-state / regional level	0.0%	0
Federal level	0.0%	0
Private organization	0.0%	0
Other (nonprofit, academia, etc.)	0.0%	0
	answered question	**1,033**
	skipped question	**0**

11. Using the pull-down menu, in what state is your current work organization located?

	Response Percent	Response Count
Not Applicable	0.0%	0
International	0.0%	0
AL	1.9%	20
AK	0.9%	9
AZ	7.4%	76
AR	0.0%	0
CA	3.1%	32
CO	5.3%	55
CT	0.1%	1
DE	0.2%	2
DC (District of Columbia)	0.1%	1
FL	11.4%	118
GA	3.1%	32
HI	0.5%	5
ID	0.6%	6
IL	6.4%	66

IN		1.2%	12
IA		0.6%	6
KS		1.5%	16
KY		0.6%	6
LA		2.0%	21
ME		0.0%	0
MD		1.0%	10
MA		0.2%	2
MI		1.1%	11
MN		0.6%	6
MS		1.7%	18
MO		2.1%	22
MT		0.8%	8
NE		0.3%	3
NV		1.5%	15
NH		0.0%	0
NJ		0.7%	7
NM		4.0%	41
NY		0.4%	4

NC		7.7%	80
ND		0.1%	1
OH		1.5%	16
OK		0.0%	0
OR		1.4%	14
PA		0.3%	3
PR (Puerto Rico)		0.0%	0
RI		0.5%	5
SC		4.5%	46
SD		0.3%	3
TN		0.2%	2
TX		**17.8%**	**184**
UT		0.3%	3
VT		0.5%	5
VA		2.1%	22
WA		0.6%	6
WV		0.4%	4
WI		0.6%	6
WY		0.2%	2

answered question	**1,033**
skipped question	**0**

12. Duty A, Administer Floodplain Management Programs. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Review local, state, & federal development regulations (A01)	5.6% (46)	0.5% (4)	13.5% (111)	**42.9% (353)**	37.5% (309)	823
Conduct pre-development meetings (e.g., developers, design professionals, stakeholders) (A02)	11.2% (92)	1.0% (8)	14.8% (122)	**43.6% (359)**	29.4% (242)	823
Process floodplain development permits (A03)	19.6% (161)	0.2% (2)	6.2% (51)	30.6% (252)	**43.4% (357)**	823
Review Elevation Certificates (ECs) (A04)	16.9% (139)	0.5% (4)	12.0% (99)	30.0% (247)	**40.6% (334)**	823
Conduct code compliance inspections (A05)	**31.5% (259)**	1.1% (9)	10.9% (90)	29.6% (244)	26.9% (221)	823
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	**32.8% (270)**	1.8% (15)	17.0% (140)	30.9% (254)	17.5% (144)	823
Conduct site inspections (e.g., pre/post development, compliance) (A07)	17.4% (143)	0.7% (6)	15.2% (125)	**38.5% (317)**	28.2% (232)	823

Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	17.3% (142)	0.1% (1)	6.3% (52)	29.9% (246)	**46.4% (382)**	823
Review variance requests (A09)	30.7% (253)	1.1% (9)	12.9% (106)	**32.2% (265)**	23.1% (190)	823
Develop floodplain ordinances (A10)	22.7% (187)	1.1% (9)	11.5% (95)	30.6% (252)	**34.0% (280)**	823
Maintain floodplain ordinances (e.g., model, local, state) (A11)	18.1% (149)	0.9% (7)	8.4% (69)	**36.3% (299)**	**36.3% (299)**	823
Interpret floodplain ordinances (A12)	6.0% (49)	0.1% (1)	9.7% (80)	40.2% (331)	**44.0% (362)**	823
Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	22.6% (186)	1.6% (13)	14.2% (117)	**37.4% (308)**	24.2% (199)	823
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	**44.8% (369)**	4.4% (36)	20.7% (170)	23.3% (192)	6.8% (56)	823
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	20.5% (169)	0.5% (4)	8.1% (67)	**39.6% (326)**	31.2% (257)	823
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	**36.0% (296)**	2.4% (20)	14.3% (118)	30.9% (254)	16.4% (135)	823
Participate in community meetings (A17)	13.9% (114)	1.7% (14)	21.1% (174)	**48.1% (396)**	15.2% (125)	823

Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	16.2% (133)	1.3% (11)	19.4% (160)	**44.2% (364)**	18.8% (155)	823
Provide technical expertise to policy makers (A19)	16.6% (137)	0.7% (6)	14.2% (117)	**44.0% (362)**	24.4% (201)	823
Update floodplain management executive orders (A20)	**56.9% (468)**	2.6% (21)	9.7% (80)	23.6% (194)	7.3% (60)	823
Reconcile conflicting guidance (A21)	32.7% (269)	1.1% (9)	16.4% (135)	**34.4% (283)**	15.4% (127)	823
Advocate for floodplain-related legislation (A22)	**46.3% (381)**	2.6% (21)	15.6% (128)	25.9% (213)	9.7% (80)	823
Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**47.9% (394)**	1.3% (11)	16.3% (134)	22.2% (183)	12.3% (101)	823
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**48.2% (397)**	1.5% (12)	14.5% (119)	25.6% (211)	10.2% (84)	823
Mentor new floodplain managers (A25)	33.4% (275)	0.7% (6)	13.1% (108)	**36.3% (299)**	16.4% (135)	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Review local, state, & federal development regulations (A01)	5.6% (46)	**53.2% (438)**	5.6% (46)	4.5% (37)	6.4% (53)	10.1% (83)	13.0% (107)	1.6% (13)	823

Conduct pre-development meetings (e.g., developers, design professionals, stakeholders) (A02)	13.0% (107)	**51.3% (422)**	0.9% (7)	1.8% (15)	10.2% (84)	16.5% (136)	6.1% (50)	0.2% (2)	823
Process floodplain development permits (A03)	21.9% (180)	**45.7% (376)**	0.5% (4)	1.3% (11)	4.5% (37)	8.7% (72)	15.2% (125)	2.2% (18)	823
Review Elevation Certificates (ECs) (A04)	19.1% (157)	**53.3% (439)**	0.5% (4)	2.4% (20)	4.7% (39)	7.4% (61)	11.5% (95)	1.0% (8)	823
Conduct code compliance inspections (A05)	36.9% (304)	**43.0% (354)**	1.1% (9)	1.3% (11)	4.0% (33)	5.6% (46)	7.3% (60)	0.7% (6)	823
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	39.1% (322)	**51.8% (426)**	6.8% (56)	1.5% (12)	0.5% (4)	0.1% (1)	0.2% (2)	0.0% (0)	823
Conduct site inspections (e.g., pre/post development, compliance) (A07)	20.8% (171)	**59.5% (490)**	0.6% (5)	1.6% (13)	4.9% (40)	7.4% (61)	5.1% (42)	0.1% (1)	823
Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	19.7% (162)	**41.9% (345)**	1.5% (12)	1.7% (14)	4.3% (35)	8.4% (69)	20.7% (170)	1.9% (16)	823
Review variance requests (A09)	37.9% (312)	**56.1% (462)**	0.4% (3)	1.5% (12)	2.7% (22)	0.9% (7)	0.6% (5)	0.0% (0)	823
Develop floodplain ordinances (A10)	27.7% (228)	**63.3% (521)**	6.7% (55)	1.1% (9)	0.5% (4)	0.4% (3)	0.4% (3)	0.0% (0)	823
Maintain floodplain ordinances (e.g., model, local, state) (A11)	21.0% (173)	**58.8% (484)**	9.5% (78)	1.0% (8)	1.5% (12)	1.2% (10)	6.8% (56)	0.2% (2)	823
Interpret floodplain ordinances (A12)	6.9% (57)	**61.4% (505)**	1.0% (8)	0.6% (5)	3.9% (32)	6.9% (57)	17.5% (144)	1.8% (15)	823

Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	30.7% (253)	**49.9% (411)**	5.2% (43)	1.3% (11)	1.5% (12)	3.5% (29)	7.4% (61)	0.4% (3)	823
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	**56.6% (466)**	31.8% (262)	7.0% (58)	1.9% (16)	0.7% (6)	1.1% (9)	0.7% (6)	0.0% (0)	823
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	25.6% (211)	**63.7% (524)**	0.6% (5)	0.7% (6)	2.4% (20)	2.7% (22)	4.1% (34)	0.1% (1)	823
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	42.2% (347)	**50.3% (414)**	6.6% (54)	0.7% (6)	0.1% (1)	0.1% (1)	0.0% (0)	0.0% (0)	823
Participate in community meetings (A17)	17.3% (142)	**69.7% (574)**	2.1% (17)	3.8% (31)	4.7% (39)	2.2% (18)	0.1% (1)	0.1% (1)	823
Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	20.8% (171)	**67.7% (557)**	1.7% (14)	2.8% (23)	3.5% (29)	2.2% (18)	1.3% (11)	0.0% (0)	823
Provide technical expertise to policy makers (A19)	21.0% (173)	**67.4% (555)**	1.5% (12)	1.6% (13)	3.5% (29)	3.3% (27)	1.7% (14)	0.0% (0)	823
Update floodplain management executive orders (A20)	**66.5% (547)**	32.3% (266)	0.7% (6)	0.1% (1)	0.2% (2)	0.1% (1)	0.0% (0)	0.0% (0)	823
Reconcile conflicting guidance (A21)	37.8% (311)	**57.8% (476)**	0.7% (6)	0.2% (2)	1.7% (14)	1.0% (8)	0.6% (5)	0.1% (1)	823
Advocate for floodplain-related legislation (A22)	**62.3% (513)**	33.4% (275)	1.6% (13)	1.2% (10)	0.2% (2)	1.0% (8)	0.2% (2)	0.0% (0)	823

Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**62.1% (511)**	29.8% (245)	4.1% (34)	1.3% (11)	1.1% (9)	0.6% (5)	1.0% (8)	0.0% (0)	823
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**61.6% (507)**	27.2% (224)	1.8% (15)	1.2% (10)	2.4% (20)	2.2% (18)	3.2% (26)	0.4% (3)	823
Mentor new floodplain managers (A25)	**42.5% (350)**	42.0% (346)	1.6% (13)	1.9% (16)	2.6% (21)	3.8% (31)	4.6% (38)	1.0% (8)	823
								ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	109
								answered question	**823**
								skipped question	**210**

13. Duty B, Perform Hazard Identification & Risk Assessment. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Document flood events (B01)	19.9% (164)	1.2% (10)	9.8% (81)	34.4% (283)	**34.6% (285)**	823
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**35.1% (289)**	2.2% (18)	16.8% (138)	31.8% (262)	14.1% (116)	823
Evaluate levee certifications (B03)	**79.3% (653)**	1.3% (11)	4.5% (37)	10.8% (89)	4.0% (33)	823
Identify at-risk properties behind levees (B04)	**76.9% (633)**	1.6% (13)	4.5% (37)	11.9% (98)	5.1% (42)	823
Develop levee breach maps (B05)	**82.0% (675)**	1.8% (15)	3.3% (27)	9.2% (76)	3.6% (30)	823
Develop levee protection zone maps (B06)	**82.3% (677)**	1.7% (14)	3.4% (28)	8.6% (71)	4.0% (33)	823
Evaluate dam & levee safety (B07)	**73.1% (602)**	0.9% (7)	5.7% (47)	13.4% (110)	6.9% (57)	823
Develop watershed master plans (B08)	**45.2% (372)**	1.8% (15)	10.6% (87)	30.3% (249)	12.2% (100)	823
Develop storm water management plans (B09)	**36.1% (297)**	1.1% (9)	10.8% (89)	34.5% (284)	17.5% (144)	823
Develop master drainage plans (B10)	**40.6% (334)**	1.2% (10)	9.8% (81)	33.8% (278)	14.6% (120)	823
Conduct risk modeling (e.g., HAZards United States [HAZUS],						

Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**57.7% (475)**	1.8% (15)	11.3% (93)	20.9% (172)	8.3% (68)	823
Communicate loss estimation models to decision makers (B12)	**58.1% (478)**	1.1% (9)	11.3% (93)	22.6% (186)	6.9% (57)	823
Assist with implementing hazard mitigation plans (B13)	29.5% (243)	1.1% (9)	15.6% (128)	**37.7% (310)**	16.2% (133)	823
Coordinate watershed development across jurisdictional lines (B14)	**47.4% (390)**	1.6% (13)	12.9% (106)	28.3% (233)	9.8% (81)	823
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**38.0% (313)**	1.8% (15)	13.0% (107)	31.2% (257)	15.9% (131)	823
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**58.6% (482)**	2.7% (22)	10.0% (82)	20.9% (172)	7.9% (65)	823
Promote placement & retention of stream & tidal gages (B17)	**63.4% (522)**	2.1% (17)	10.4% (86)	19.0% (156)	5.1% (42)	823
Identify placement location for warning signs (B18)	**57.6% (474)**	1.8% (15)	12.5% (103)	20.8% (171)	7.3% (60)	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Document flood events (B01)	28.1% (231)	**68.4% (563)**	1.6% (13)	0.6% (5)	0.5% (4)	0.2% (2)	0.6% (5)	0.0% (0)	823
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**51.3% (422)**	39.4% (324)	1.6% (13)	0.7% (6)	2.3% (19)	0.7% (6)	2.9% (24)	1.1% (9)	823

Evaluate levee certifications (B03)	**88.2% (726)**	9.5% (78)	1.9% (16)	0.0% (0)	0.0% (0)	0.2% (2)	0.0% (0)	0.1% (1)	823
Identify at-risk properties behind levees (B04)	**85.3% (702)**	12.9% (106)	0.7% (6)	0.0% (0)	0.4% (3)	0.2% (2)	0.5% (4)	0.0% (0)	823
Develop levee breach maps (B05)	**92.1% (758)**	7.4% (61)	0.4% (3)	0.0% (0)	0.1% (1)	0.0% (0)	0.0% (0)	0.0% (0)	823
Develop levee protection zone maps (B06)	**92.6% (762)**	6.8% (56)	0.5% (4)	0.0% (0)	0.1% (1)	0.0% (0)	0.0% (0)	0.0% (0)	823
Evaluate dam & levee safety (B07)	**81.8% (673)**	14.3% (118)	2.6% (21)	0.5% (4)	0.2% (2)	0.4% (3)	0.2% (2)	0.0% (0)	823
Develop watershed master plans (B08)	**59.3% (488)**	32.0% (263)	4.1% (34)	1.3% (11)	0.6% (5)	0.9% (7)	1.6% (13)	0.2% (2)	823
Develop storm water management plans (B09)	**47.5% (391)**	40.9% (337)	5.2% (43)	1.5% (12)	1.5% (12)	1.3% (11)	1.6% (13)	0.5% (4)	823
Develop master drainage plans (B10)	**54.4% (448)**	37.1% (305)	3.6% (30)	1.5% (12)	1.5% (12)	0.6% (5)	1.2% (10)	0.1% (1)	823
Conduct risk modeling (e.g., HAZards United States [HAZUS], Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**75.2% (619)**	22.2% (183)	1.3% (11)	0.5% (4)	0.2% (2)	0.2% (2)	0.2% (2)	0.0% (0)	823
Communicate loss estimation models to decision makers (B12)	**73.3% (603)**	25.3% (208)	1.1% (9)	0.0% (0)	0.2% (2)	0.0% (0)	0.1% (1)	0.0% (0)	823
Assist with implementing hazard mitigation plans (B13)	37.2% (306)	**52.0% (428)**	6.1% (50)	1.8% (15)	1.0% (8)	1.2% (10)	0.7% (6)	0.0% (0)	823

Coordinate watershed development across jurisdictional lines (B14)	**62.0% (510)**	32.7% (269)	0.9% (7)	1.5% (12)	1.3% (11)	0.6% (5)	1.1% (9)	0.0% (0)	823
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**47.3% (389)**	40.7% (335)	10.0% (82)	0.7% (6)	0.4% (3)	0.4% (3)	0.5% (4)	0.1% (1)	823
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**70.6% (581)**	26.2% (216)	1.3% (11)	0.2% (2)	0.5% (4)	0.6% (5)	0.5% (4)	0.0% (0)	823
Promote placement & retention of stream & tidal gages (B17)	**78.9% (649)**	18.1% (149)	1.7% (14)	0.4% (3)	0.5% (4)	0.1% (1)	0.4% (3)	0.0% (0)	823
Identify placement location for warning signs (B18)	**72.1% (593)**	23.7% (195)	1.5% (12)	1.3% (11)	0.7% (6)	0.2% (2)	0.4% (3)	0.1% (1)	823
								ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	51

answered question	**823**
skipped question	**210**

14. Duty C, Perform Outreach Activities. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Promote higher development standards (e.g., No Adverse Impact [NAI], freeboard, Community Rating System [CRS]) (C01)	18.1% (149)	1.1% (9)	14.0% (115)	**39.1% (322)**	27.7% (228)	823
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	21.6% (178)	1.9% (16)	17.4% (143)	**39.4% (324)**	19.7% (162)	823
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	24.8% (204)	4.5% (37)	**32.3% (266)**	30.6% (252)	7.8% (64)	823
Promote flood awareness week/month (C04)	**35.5% (292)**	4.6% (38)	24.5% (202)	27.1% (223)	8.3% (68)	823
Prepare media press releases (C05)	**48.0% (395)**	2.4% (20)	17.9% (147)	25.5% (210)	6.2% (51)	823
Participate in media interviews (C06)	**49.7% (409)**	4.3% (35)	18.7% (154)	22.5% (185)	4.9% (40)	823
Publish outreach brochures & handouts (C07)	**36.2% (298)**	1.6% (13)	20.0% (165)	31.6% (260)	10.6% (87)	823
Distribute outreach brochures & handouts (C08)	28.4% (234)	1.3% (11)	22.6% (186)	**36.0% (296)**	11.7% (96)	823

Assist with website development (C09)	**40.3% (332)**	2.1% (17)	20.0% (165)	30.0% (247)	7.5% (62)	823
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**47.9% (394)**	2.9% (24)	17.9% (147)	23.3% (192)	8.0% (66)	823
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	**35.1% (289)**	1.9% (16)	18.0% (148)	33.4% (275)	11.5% (95)	823
Organize state & regional conferences (C12)	**66.1% (544)**	2.7% (22)	9.6% (79)	17.1% (141)	4.5% (37)	823
Conduct training workshops & seminars (C13)	**51.0% (420)**	1.7% (14)	13.2% (109)	26.0% (214)	8.0% (66)	823
Publish floodplain management newsletters (C14)	**67.0% (551)**	2.3% (19)	12.0% (99)	15.8% (130)	2.9% (24)	823
Provide education & training to local policy makers (C15)	**37.1% (305)**	1.2% (10)	14.8% (122)	34.4% (283)	12.5% (103)	823
Provide outreach at trade shows & conferences (C16)	**61.8% (509)**	3.2% (26)	14.2% (117)	17.1% (141)	3.6% (30)	823
Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**56.1% (462)**	1.9% (16)	18.2% (150)	19.0% (156)	4.7% (39)	823
Provide public service announcements (C18)	**56.6% (466)**	2.3% (19)	13.2% (109)	22.4% (184)	5.5% (45)	823

Demonstrate interactive floodplain & watershed models (C19)	**64.6% (532)**	2.8% (23)	14.7% (121)	15.1% (124)	2.8% (23)	823
Promote placement of historical high water markers (C20)	**53.9% (444)**	2.3% (19)	15.8% (130)	22.2% (183)	5.7% (47)	823
Develop risk notification tools (e.g., letters, website, maps) (C21)	**43.1% (355)**	1.1% (9)	14.2% (117)	29.6% (244)	11.9% (98)	823
Promote non-structural floodproofing methods (C22)	**35.6% (293)**	1.5% (12)	21.4% (176)	30.5% (251)	11.1% (91)	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Promote higher development standards (e.g., No Adverse Impact [NAI], freeboard, Community Rating System [CRS]) (C01)	25.4% (209)	**53.1% (437)**	7.3% (60)	2.4% (20)	2.3% (19)	2.9% (24)	6.1% (50)	0.5% (4)	823
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	31.1% (256)	**53.1% (437)**	2.8% (23)	1.9% (16)	3.8% (31)	2.8% (23)	4.4% (36)	0.1% (1)	823
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	35.1% (289)	**48.8% (402)**	9.5% (78)	5.2% (43)	0.9% (7)	0.4% (3)	0.1% (1)	0.0% (0)	823
Promote flood awareness week/month (C04)	**57.2% (471)**	24.9% (205)	16.4% (135)	0.9% (7)	0.5% (4)	0.1% (1)	0.0% (0)	0.0% (0)	823
Prepare media press releases (C05)	**60.5% (498)**	34.0% (280)	3.5% (29)	1.3% (11)	0.6% (5)	0.0% (0)	0.0% (0)	0.0% (0)	823

Participate in media interviews (C06)	**60.6% (499)**	37.1% (305)	0.7% (6)	1.0% (8)	0.4% (3)	0.2% (2)	0.0% (0)	0.0% (0)	823
Publish outreach brochures & handouts (C07)	**46.2% (380)**	33.8% (278)	14.6% (120)	3.6% (30)	0.9% (7)	0.7% (6)	0.2% (2)	0.0% (0)	823
Distribute outreach brochures & handouts (C08)	37.2% (306)	**43.0% (354)**	10.8% (89)	3.4% (28)	1.8% (15)	1.0% (8)	2.7% (22)	0.1% (1)	823
Assist with website development (C09)	**50.8% (418)**	37.7% (310)	4.5% (37)	3.4% (28)	2.3% (19)	0.5% (4)	0.9% (7)	0.0% (0)	823
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**62.8% (517)**	29.8% (245)	2.6% (21)	2.6% (21)	1.7% (14)	0.2% (2)	0.4% (3)	0.0% (0)	823
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	**46.4% (382)**	41.4% (341)	7.7% (63)	2.2% (18)	1.0% (8)	0.5% (4)	0.7% (6)	0.1% (1)	823
Organize state & regional conferences (C12)	**83.2% (685)**	10.7% (88)	5.3% (44)	0.4% (3)	0.4% (3)	0.0% (0)	0.0% (0)	0.0% (0)	823
Conduct training workshops & seminars (C13)	**63.7% (524)**	27.0% (222)	5.6% (46)	3.2% (26)	0.6% (5)	0.0% (0)	0.0% (0)	0.0% (0)	823
Publish floodplain management newsletters (C14)	**84.7% (697)**	10.2% (84)	2.8% (23)	1.9% (16)	0.4% (3)	0.0% (0)	0.0% (0)	0.0% (0)	823
Provide education & training to local policy makers (C15)	45.4% (374)	**48.2% (397)**	3.8% (31)	0.9% (7)	1.2% (10)	0.4% (3)	0.1% (1)	0.0% (0)	823
Provide outreach at trade shows & conferences (C16)	**76.1% (626)**	17.0% (140)	6.2% (51)	0.7% (6)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	823

Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**74.1% (610)**	19.3% (159)	5.0% (41)	1.3% (11)	0.0% (0)	0.1% (1)	0.1% (1)	0.0% (0)	823
Provide public service announcements (C18)	**72.9% (600)**	23.2% (191)	2.4% (20)	1.0% (8)	0.2% (2)	0.0% (0)	0.2% (2)	0.0% (0)	823
Demonstrate interactive floodplain & watershed models (C19)	**83.1% (684)**	14.6% (120)	1.0% (8)	0.6% (5)	0.4% (3)	0.2% (2)	0.1% (1)	0.0% (0)	823
Promote placement of historical high water markers (C20)	**77.4% (637)**	21.3% (175)	0.9% (7)	0.2% (2)	0.0% (0)	0.1% (1)	0.1% (1)	0.0% (0)	823
Develop risk notification tools (e.g., letters, website, maps) (C21)	**55.7% (458)**	35.5% (292)	5.5% (45)	1.0% (8)	0.9% (7)	0.5% (4)	1.1% (9)	0.0% (0)	823
Promote non-structural floodproofing methods (C22)	46.5% (383)	**46.7% (384)**	1.3% (11)	1.1% (9)	1.7% (14)	1.9% (16)	0.6% (5)	0.1% (1)	823
ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)									36

answered question	**823**
skipped question	**210**

15. Duty D, Perform Customer Service Activities. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Provide flood map information (e.g., Base Flood Elevation [BFE], flood zone, map index) (D01)	5.3% (44)	0.5% (4)	6.0% (49)	32.3% (266)	**55.9% (460)**	823
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	9.4% (77)	0.5% (4)	7.4% (61)	39.5% (325)	**43.3% (356)**	823
Assist in resolution of flood insurance problems (D03)	**33.7% (277)**	2.6% (21)	16.5% (136)	32.3% (266)	14.9% (123)	823
Document flooding complaints (D04)	17.1% (141)	1.3% (11)	14.7% (121)	**41.8% (344)**	25.0% (206)	823
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	17.5% (144)	1.5% (12)	12.6% (104)	**43.3% (356)**	25.2% (207)	823
Provide substantial damage letters for Increased Cost of Compliance (ICC) (D06)	**45.4% (374)**	1.8% (15)	7.9% (65)	32.0% (263)	12.9% (106)	823
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	19.2% (158)	1.5% (12)	16.9% (139)	**39.5% (325)**	23.0% (189)	823

Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	11.4% (94)	1.6% (13)	23.3% (192)	**44.8% (369)**	18.8% (155)	823
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	8.3% (68)	0.9% (7)	9.5% (78)	**42.8% (352)**	38.6% (318)	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Provide flood map information (e.g., Base Flood Elevation [BFE], flood zone, map index) (D01)	5.8% (48)	**46.2% (380)**	0.4% (3)	0.9% (7)	3.2% (26)	13.0% (107)	26.7% (220)	3.9% (32)	823
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	10.6% (87)	**48.0% (395)**	0.2% (2)	1.0% (8)	3.4% (28)	10.3% (85)	23.2% (191)	3.3% (27)	823
Assist in resolution of flood insurance problems (D03)	40.5% (333)	**45.3% (373)**	0.1% (1)	0.7% (6)	2.4% (20)	5.7% (47)	5.0% (41)	0.2% (2)	823
Document flooding complaints (D04)	22.8% (188)	**64.5% (531)**	0.6% (5)	1.0% (8)	1.9% (16)	4.7% (39)	4.1% (34)	0.2% (2)	823
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	19.3% (159)	**58.6% (482)**	0.2% (2)	1.3% (11)	2.1% (17)	7.7% (63)	10.1% (83)	0.7% (6)	823
Provide substantial damage letters for Increased Cost of Compliance	**57.2%**	40.5%	0.5% (4)	0.2% (2)	0.2% (2)	0.5% (4)	0.9% (7)	0.0% (0)	823

(ICC) (D06)	**(471)**	(556)							
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	23.1% (190)	**59.8% (492)**	3.4% (28)	1.0% (8)	2.2% (18)	4.1% (34)	6.1% (50)	0.4% (3)	823
Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	12.8% (105)	**69.7% (574)**	0.2% (2)	1.3% (11)	2.9% (24)	5.6% (46)	7.3% (60)	0.1% (1)	823
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	9.2% (76)	**59.5% (490)**	0.4% (3)	1.5% (12)	4.0% (33)	7.7% (63)	15.2% (125)	2.6% (21)	823
			ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)						28
								answered question	**823**
								skipped question	**210**

16. Duty E, Perform Mapping Activities. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Review Letters of Map Change (LOMCs) & newly generated Base Flood Elevation (BFE) data (E01)	20.3% (167)	0.9% (7)	7.3% (60)	35.2% (290)	**36.3% (299)**	823
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	21.3% (175)	0.6% (5)	5.1% (42)	31.2% (257)	**41.8% (344)**	823
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	**38.8% (319)**	1.2% (10)	8.7% (72)	30.1% (248)	21.1% (174)	823
Develop future conditions floodplain maps (E04)	**51.6% (425)**	1.8% (15)	10.3% (85)	23.5% (193)	12.8% (105)	823
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	28.6% (235)	1.0% (8)	11.2% (92)	**37.7% (310)**	21.6% (178)	823
Map repetitive loss areas (E06)	**45.7% (376)**	2.1% (17)	11.7% (96)	28.3% (233)	12.3% (101)	823
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	**41.8% (344)**	1.5% (12)	11.5% (95)	30.5% (251)	14.7% (121)	823
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	**38.6% (318)**	1.7% (14)	11.4% (94)	32.0% (263)	16.3% (134)	823
Generate flood hazard maps (E09)	**49.5% (407)**	0.5% (4)	8.6% (71)	25.8% (212)	15.7% (129)	823

Utilize Geographic Information Systems (GIS) (E10)	10.2% (84)	0.9% (7)	8.4% (69)	36.1% (297)	**44.5% (366)**	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Review Letters of Map Change (LOMCs) & newly generated Base Flood Elevation (BFE) data (E01)	23.7% (195)	**62.3% (513)**	1.0% (8)	2.8% (23)	4.4% (36)	3.0% (25)	2.4% (20)	0.4% (3)	823
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	23.2% (191)	**53.6% (441)**	2.3% (19)	1.6% (13)	1.6% (13)	4.6% (38)	12.2% (100)	1.0% (8)	823
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	**47.6% (392)**	44.6% (367)	0.7% (6)	1.3% (11)	1.1% (9)	2.3% (19)	1.6% (13)	0.7% (6)	823
Develop future conditions floodplain maps (E04)	**69.5% (572)**	26.6% (219)	0.7% (6)	0.4% (3)	1.1% (9)	1.0% (8)	0.6% (5)	0.1% (1)	823
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	34.9% (287)	**53.3% (439)**	0.5% (4)	1.7% (14)	2.2% (18)	3.2% (26)	4.0% (33)	0.2% (2)	823
Map repetitive loss areas (E06)	**58.8% (484)**	30.7% (253)	8.6% (71)	0.5% (4)	0.4% (3)	0.5% (4)	0.5% (4)	0.0% (0)	823
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	**54.3% (447)**	41.1% (338)	1.3% (11)	0.7% (6)	0.6% (5)	0.5% (4)	1.2% (10)	0.2% (2)	823
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	**49.8% (410)**	46.8% (385)	0.7% (6)	0.5% (4)	0.6% (5)	0.5% (4)	1.1% (9)	0.0% (0)	823

Generate flood hazard maps (E09)	**60.4% (497)**	32.0% (263)	1.2% (10)	0.9% (7)	1.5% (12)	1.3% (11)	2.2% (18)	0.6% (5)	823
Utilize Geographic Information Systems (GIS) (E10)	14.5% (119)	**38.4% (316)**	0.5% (4)	0.5% (4)	2.2% (18)	5.5% (45)	27.3% (225)	11.2% (92)	823
					ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)				30
								answered question	**823**
								skipped question	**210**

17. Duty F, Perform Mitigation & Preparedness Activities. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Implement Community Rating System (CRS) programs (F01)	**35.5% (292)**	1.7% (14)	10.1% (83)	30.6% (252)	22.1% (182)	823
Develop flood warning systems (F02)	**50.4% (415)**	1.3% (11)	10.3% (85)	22.5% (185)	15.4% (127)	823
Pursue mitigation & planning grants/funding (F03)	**40.5% (333)**	1.9% (16)	16.0% (132)	26.7% (220)	14.8% (122)	823
Promote No Adverse Impact (NAI) (F04)	31.6% (260)	1.6% (13)	15.4% (127)	**32.1% (264)**	19.3% (159)	823
Participate in local emergency planning (F05)	25.5% (210)	1.3% (11)	13.4% (110)	**35.6% (293)**	24.2% (199)	823
Implement hazard mitigation plans (F06)	**34.3% (282)**	0.7% (6)	13.4% (110)	32.7% (269)	19.0% (156)	823
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	**33.2% (273)**	2.3% (19)	11.1% (91)	31.3% (258)	22.1% (182)	823
Coordinate flood mitigation programs with other agencies (F08)	**37.4% (308)**	1.7% (14)	13.7% (113)	34.9% (287)	12.3% (101)	823
Assist with emergency Action, Evacuation, & Response plans	**37.8% (311)**	1.6% (13)	10.7% (88)	29.0% (239)	20.9% (172)	823

(F09)									

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Implement Community Rating System (CRS) programs (F01)	**51.4% (423)**	28.4% (234)	5.2% (43)	1.8% (15)	2.4% (20)	2.2% (18)	7.4% (61)	1.1% (9)	823
Develop flood warning systems (F02)	**68.2% (561)**	26.9% (221)	2.2% (18)	0.5% (4)	0.6% (5)	0.2% (2)	1.1% (9)	0.4% (3)	823
Pursue mitigation & planning grants/funding (F03)	**56.9% (468)**	34.6% (285)	4.9% (40)	1.1% (9)	1.5% (12)	0.4% (3)	0.6% (5)	0.1% (1)	823
Promote No Adverse Impact (NAI) (F04)	42.9% (353)	**44.5% (366)**	2.1% (17)	1.1% (9)	1.7% (14)	1.9% (16)	5.2% (43)	0.6% (5)	823
Participate in local emergency planning (F05)	32.1% (264)	**50.1% (412)**	7.4% (61)	5.1% (42)	3.0% (25)	0.5% (4)	1.3% (11)	0.5% (4)	823
Implement hazard mitigation plans (F06)	44.6% (367)	**45.0% (370)**	4.9% (40)	1.8% (15)	1.2% (10)	0.4% (3)	2.1% (17)	0.1% (1)	823
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	41.4% (341)	**48.6% (400)**	3.5% (29)	2.1% (17)	1.6% (13)	0.7% (6)	1.7% (14)	0.4% (3)	823
Coordinate flood mitigation programs with other agencies (F08)	**47.6% (392)**	45.0% (370)	1.9% (16)	1.7% (14)	2.2% (18)	0.6% (5)	1.0% (8)	0.0% (0)	823
Assist with emergency Action, Evacuation, & Response plans (F09)	**46.1% (379)**	**46.1% (379)**	3.0% (25)	2.1% (17)	1.2% (10)	0.2% (2)	1.1% (9)	0.2% (2)	823

answered question	**823**
skipped question	**210**

18. Duty G, Perform Disaster Response & Recovery Activities. Please rate the importance and frequency of each task below as it relates to your current role in floodplain management. Click on the drop down arrows (below) under Importance and Frequency to select from the scale of choices.

Importance?

	Not Applicable	Not important at all	Somewhat important	Important	Extremely important	Response Count
Implement emergency Action, Evacuation, & Response plans (G01)	**49.1% (404)**	1.0% (8)	7.5% (62)	23.3% (192)	19.1% (157)	823
Coordinate with Incident Command Structure (ICS) (G02)	**46.2% (380)**	1.1% (9)	8.7% (72)	25.8% (212)	18.2% (150)	823
Participate in preliminary damage assessments (G03)	**34.3% (282)**	1.3% (11)	10.0% (82)	30.9% (254)	23.6% (194)	823
Document extent of flooding & other disasters (G04)	27.6% (227)	1.6% (13)	9.5% (78)	**36.2% (298)**	25.2% (207)	823
Identify frequency of flood event (G05)	**36.8% (303)**	1.9% (16)	13.2% (109)	33.3% (274)	14.7% (121)	823
Conduct damage assessment surveys (G06)	**37.5% (309)**	1.1% (9)	9.6% (79)	30.6% (252)	21.1% (174)	823
Assess substantial improvements/damages (G07)	**33.9% (279)**	0.9% (7)	9.0% (74)	32.3% (266)	23.9% (197)	823

Implement disaster recovery/debris management plans (G08)	**54.3% (447)**	1.2% (10)	7.8% (64)	23.7% (195)	13.0% (107)	823
Assess rebuilding requirements based on event (G09)	**44.3% (365)**	1.6% (13)	8.9% (73)	27.1% (223)	18.1% (149)	823
Collect other agencies' damage data (G10)	**54.4% (448)**	2.4% (20)	14.9% (123)	20.4% (168)	7.8% (64)	823
Communicate damages to decision makers (G11)	**35.4% (291)**	1.0% (8)	9.7% (80)	31.1% (256)	22.8% (188)	823
Solicit assistance from others (e.g., Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**53.2% (438)**	1.6% (13)	8.3% (68)	23.8% (196)	13.1% (108)	823
Rectify compliance issues (G13)	34.9% (287)	0.6% (5)	8.3% (68)	**35.0% (288)**	21.3% (175)	823
Participate in preparing mitigation grant and assistance applications (e.g., Public Assistance [PA], Hazard Mitigation Grant Program [HMGP], Federal Mitigation Assistance [FMA], Severe Repetitive Loss [SRL], & Repetitive Flood Claims Program [RFC]) (G14)	**45.2% (372)**	1.0% (8)	12.0% (99)	26.2% (216)	15.6% (128)	823
Document Federal and State response recovery grants and loans (G15)	**58.0% (477)**	1.5% (12)	9.8% (81)	21.6% (178)	9.1% (75)	823

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Implement emergency Action, Evacuation, & Response plans (G01)	**60.1% (495)**	36.5% (300)	1.8% (15)	0.6% (5)	0.2% (2)	0.0% (0)	0.7% (6)	0.0% (0)	823
Coordinate with Incident Command Structure (ICS) (G02)	**55.9% (460)**	41.4% (341)	1.5% (12)	0.5% (4)	0.2% (2)	0.0% (0)	0.5% (4)	0.0% (0)	823
Participate in preliminary damage assessments (G03)	42.4% (349)	**56.5% (465)**	0.4% (3)	0.1% (1)	0.0% (0)	0.1% (1)	0.2% (2)	0.2% (2)	823
Document extent of flooding & other disasters (G04)	35.6% (293)	**63.2% (520)**	0.6% (5)	0.1% (1)	0.0% (0)	0.1% (1)	0.1% (1)	0.2% (2)	823
Identify frequency of flood event (G05)	48.0% (395)	**49.8% (410)**	1.1% (9)	0.5% (4)	0.0% (0)	0.2% (2)	0.4% (3)	0.0% (0)	823
Conduct damage assessment surveys (G06)	46.9% (386)	**52.4% (431)**	0.4% (3)	0.0% (0)	0.0% (0)	0.1% (1)	0.2% (2)	0.0% (0)	823
Assess substantial improvements/damages (G07)	41.9% (345)	**54.8% (451)**	0.2% (2)	0.2% (2)	0.5% (4)	1.6% (13)	0.6% (5)	0.1% (1)	823
Implement disaster recovery/debris management plans (G08)	**66.7% (549)**	31.7% (261)	1.0% (8)	0.2% (2)	0.0% (0)	0.1% (1)	0.1% (1)	0.1% (1)	823
Assess rebuilding requirements based on event (G09)	**54.2% (446)**	45.3% (373)	0.0% (0)	0.0% (0)	0.0% (0)	0.1% (1)	0.4% (3)	0.0% (0)	823
Collect other agencies' damage data (G10)	**67.0% (551)**	32.4% (267)	0.4% (3)	0.0% (0)	0.1% (1)	0.0% (0)	0.1% (1)	0.0% (0)	823
Communicate damages to decision makers (G11)	41.6% (342)	**57.2% (471)**	0.4% (3)	0.2% (2)	0.1% (1)	0.0% (0)	0.4% (3)	0.1% (1)	823
Solicit assistance from others (e.g.,									

Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**65.1% (536)**	34.0% (280)	0.5% (4)	0.1% (1)	0.1% (1)	0.0% (0)	0.1% (1)	0.0% (0)	823
Rectify compliance issues (G13)	41.7% (343)	**54.8% (451)**	0.4% (3)	0.5% (4)	0.5% (4)	0.6% (5)	1.6% (13)	0.0% (0)	823
Participate in preparing mitigation grant and assistance applications (e.g., Public Assistance [PA], Hazard Mitigation Grant Program [HMGP], Federal Mitigation Assistance [FMA], Severe Repetitive Loss [SRL], & Repetitive Flood Claims Program [RFC]) (G14)	**56.6% (466)**	39.0% (321)	2.3% (19)	0.7% (6)	0.4% (3)	0.4% (3)	0.5% (4)	0.1% (1)	823
Document Federal and State response recovery grants and loans (G15)	**71.7% (590)**	26.9% (221)	0.4% (3)	0.5% (4)	0.1% (1)	0.1% (1)	0.1% (1)	0.2% (2)	823
				ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)					29

answered question	**823**
skipped question	**210**

19. Now, please rank the duties (you just evaluated tasks for) in order of importance. Use each number only once. 1 = Most Important 7 = Least important

	1 (Most)	2	3	4	5	6	7 (Least)	Rating Average	Response Count
A. Administer Floodplain Management Programs	**55.2% (454)**	15.1% (124)	9.1% (75)	6.1% (50)	4.7% (39)	4.9% (40)	5.0% (41)	2.25	823
B. Perform Hazard Identification & Risk Assessment	5.3% (44)	15.7% (129)	16.2% (133)	19.6% (161)	**20.4% (168)**	14.2% (117)	8.6% (71)	4.11	823
C. Perform Outreach Activities	1.7% (14)	7.4% (61)	**20.4% (168)**	20.3% (167)	19.4% (160)	13.2% (109)	17.5% (144)	4.58	823
D. Perform Customer Service Activities	18.2% (150)	**35.4% (291)**	15.1% (124)	9.6% (79)	8.3% (68)	8.1% (67)	5.3% (44)	3.00	823
E. Perform Mapping Activities	8.1% (67)	11.4% (94)	**19.8% (163)**	**19.8% (163)**	15.1% (124)	10.3% (85)	15.4% (127)	4.15	823
F. Perform Mitigation & Preparedness Activities	4.1% (34)	8.1% (67)	10.8% (89)	16.3% (134)	19.8% (163)	**31.8% (262)**	9.0% (74)	4.71	823
G. Perform Disaster Response & Recovery Activities	7.3% (60)	6.9% (57)	8.6% (71)	8.4% (69)	12.3% (101)	17.4% (143)	**39.1% (322)**	5.20	823
							answered question		**823**
							skipped question		**210**

20. Considering the total set of tasks that you have helped to verify in this survey, to what extent do you agree that they provide an accurate analysis of the occupation of Floodplain Manager?

	Response Percent	Response Count
Strongly disagree (1)	5.1%	42
Disagree (2)	1.6%	13
Somewhat disagree (3)	2.8%	23
Somewhat agree (4)	21.5%	177
Agree (5)	**48.4%**	**398**
Strongly agree (6)	20.7%	170
	answered question	**823**
	skipped question	**210**

21. For certification purposes, tell us which you feel is more relevant for testing: the task IMPORTANCE (Criticality), or the FREQUENCY of which it is perfor the weight of relevance using a percentage for both Frequency and Importance. Percentages must sum to 100. [For example, if you believe that both are equ would choose 50-50]

Percentage

	00%	10%	20%	30%	40%	50%	60%	70%	80%	90%
Task Importance	0.0% (0)	0.0% (0)	1.0% (8)	4.3% (35)	6.0% (49)	23.1% (190)	21.7% (179)	**27.9% (230)**	11.2% (92)	3.5% (29)
Task Frequency	0.2% (2)	3.2% (26)	10.9% (90)	**27.2% (224)**	22.0% (181)	23.1% (190)	6.2% (51)	4.3% (35)	2.1% (17)	0.6% (5)

answe

skip

22. For this part of the survey, we ask you to consider each knowledge area and skill as it pertains to your current role in floodplain management and your existing familiarity with or level of knowledge in each area. A knowledge area is a set of facts and concepts; a skill is the capability to perform a procedure well. Click on the drop down arrows (below) under Importance and Familiarity to select from the scale of choices.

Importance?

	Not important at all	Somewhat important	Important	Extremely important	Response Count
Knowledge of National Flood Insurance Program (NFIP)	0.7% (6)	7.4% (60)	43.6% (353)	**48.3% (391)**	810
Knowledge of basic mathematics/statistics	2.3% (19)	25.6% (207)	**53.1% (430)**	19.0% (154)	810
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	4.0% (32)	22.7% (184)	**47.2% (382)**	26.2% (212)	810
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	2.8% (23)	20.2% (164)	**48.1% (390)**	28.8% (233)	810
Knowledge of Coastal Barrier Resource Area (COBRA) zones	**51.6% (418)**	20.9% (169)	20.2% (164)	7.3% (59)	810
Knowledge of Geographic Information System (GIS)	2.5% (20)	21.5% (174)	**48.6% (394)**	27.4% (222)	810
Knowledge of permitting process	1.5% (12)	7.3% (59)	40.5% (328)	**50.7% (411)**	810
Knowledge of building codes	7.9% (64)	29.4% (238)	**39.4% (319)**	23.3% (189)	810
Knowledge of floodplain mapping	1.2% (10)	7.4% (60)	42.7% (346)	**48.6% (394)**	810
Knowledge of construction techniques	4.3% (35)	31.4% (254)	**44.7% (362)**	19.6% (159)	810

Knowledge of grant opportunities	17.8% (144)	**42.1% (341)**	31.5% (255)	8.6% (70)	810
Knowledge of other agency or department regulations	2.6% (21)	39.6% (321)	**46.4% (376)**	11.4% (92)	810
Knowledge of planning/zoning concepts	4.1% (33)	26.2% (212)	**48.3% (391)**	21.5% (174)	810
Knowledge of Incident Command Structure (ICS)	20.5% (166)	**36.2% (293)**	32.8% (266)	10.5% (85)	810
Knowledge of environmental regulations	3.1% (25)	33.1% (268)	**50.2% (407)**	13.6% (110)	810
Knowledge of geomorphology	23.6% (191)	**45.3% (367)**	27.2% (220)	4.0% (32)	810
Knowledge of Global Positioning System (GPS)	14.3% (116)	**42.6% (345)**	34.3% (278)	8.8% (71)	810
Knowledge of mutual aid agreements	28.4% (230)	**39.8% (322)**	25.6% (207)	6.3% (51)	810
Knowledge of development standards	3.1% (25)	16.0% (130)	**54.4% (441)**	26.4% (214)	810
Knowledge of dam break & inundation	24.9% (202)	29.1% (236)	**35.2% (285)**	10.7% (87)	810
Knowledge of natural & beneficial functions of floodplains	3.1% (25)	15.2% (123)	**54.1% (438)**	27.7% (224)	810
Knowledge of hydrology/hydraulics concepts	2.2% (18)	17.2% (139)	**48.9% (396)**	31.7% (257)	810
Knowledge of nonstructural/structural flood-proofing methodologies	4.1% (33)	21.7% (176)	**53.5% (433)**	20.7% (168)	810

Knowledge of community/state/federal resources	3.5% (28)	24.7% (200)	**55.6% (450)**	16.3% (132)	810
Skill in conflict resolution	3.3% (27)	21.0% (170)	**49.1% (398)**	26.5% (215)	810
Skill in public speaking	5.9% (48)	26.4% (214)	**50.4% (408)**	17.3% (140)	810
Skill in time management	2.3% (19)	20.0% (162)	**51.7% (419)**	25.9% (210)	810
Skill in multitasking	1.9% (15)	16.8% (136)	**49.0% (397)**	32.3% (262)	810
Skill in problem solving	0.9% (7)	7.7% (62)	**47.4% (384)**	44.1% (357)	810
Skill in facilitation	3.3% (27)	22.1% (179)	**54.7% (443)**	19.9% (161)	810
Skill in leadership	3.1% (25)	19.4% (157)	**51.4% (416)**	26.2% (212)	810
Skill in organization	1.0% (8)	12.5% (101)	**54.1% (438)**	32.5% (263)	810
Skill in computer software	1.4% (11)	18.3% (148)	**54.6% (442)**	25.8% (209)	810
Skill in customer service	0.2% (2)	8.1% (66)	41.6% (337)	**50.0% (405)**	810
Skill in map reading	0.4% (3)	3.2% (26)	37.4% (303)	**59.0% (478)**	810
Skill in communication (written, verbal, listening)	0.4% (3)	3.8% (31)	42.6% (345)	**53.2% (431)**	810
Skill in dealing with difficult people	0.4% (3)	9.6% (78)	44.3% (359)	**45.7% (370)**	810

Familiarity?

	Not Familiar	Minimally Familiar	Somewhat Familiar	Familiar	Very Familiar	Response Count
Knowledge of National Flood Insurance Program (NFIP)	0.2% (2)	3.0% (24)	13.8% (112)	**49.6% (402)**	33.3% (270)	810

Knowledge of basic mathematics/statistics	0.6% (5)	2.3% (19)	11.9% (96)	39.4% (319)	**45.8% (371)**	810
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	2.7% (22)	10.0% (81)	24.7% (200)	**38.6% (313)**	24.0% (194)	810
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	4.4% (36)	11.2% (91)	26.4% (214)	**40.6% (329)**	17.3% (140)	810
Knowledge of Coastal Barrier Resource Area (COBRA) zones	**34.2% (277)**	27.7% (224)	18.4% (149)	14.1% (114)	5.7% (46)	810
Knowledge of Geographic Information System (GIS)	2.0% (16)	10.0% (81)	23.6% (191)	**35.6% (288)**	28.9% (234)	810
Knowledge of permitting process	0.9% (7)	2.5% (20)	11.5% (93)	32.6% (264)	**52.6% (426)**	810
Knowledge of building codes	5.8% (47)	16.7% (135)	**27.8% (225)**	27.7% (224)	22.1% (179)	810
Knowledge of floodplain mapping	1.1% (9)	2.0% (16)	10.9% (88)	39.8% (322)	**46.3% (375)**	810
Knowledge of construction techniques	4.0% (32)	11.5% (93)	27.5% (223)	**32.6% (264)**	24.4% (198)	810
Knowledge of grant opportunities	23.7% (192)	**30.0% (243)**	24.9% (202)	16.5% (134)	4.8% (39)	810
Knowledge of other agency or department regulations	5.2% (42)	19.3% (156)	**38.5% (312)**	31.7% (257)	5.3% (43)	810
Knowledge of planning/zoning concepts	2.8% (23)	10.2% (83)	26.7% (216)	**31.9% (258)**	28.4% (230)	810
Knowledge of Incident Command Structure (ICS)	**25.4% (206)**	21.4% (173)	19.6% (159)	22.3% (181)	11.2% (91)	810

Knowledge of environmental regulations	2.7% (22)	17.0% (138)	33.3% (270)	**36.2% (293)**	10.7% (87)	810
Knowledge of geomorphology	**32.5% (263)**	23.2% (188)	22.6% (183)	16.5% (134)	5.2% (42)	810
Knowledge of Global Positioning System (GPS)	7.8% (63)	18.6% (151)	**31.4% (254)**	29.6% (240)	12.6% (102)	810
Knowledge of mutual aid agreements	**35.9% (291)**	23.6% (191)	21.5% (174)	14.7% (119)	4.3% (35)	810
Knowledge of development standards	3.7% (30)	8.5% (69)	18.8% (152)	**41.9% (339)**	27.2% (220)	810
Knowledge of dam break & inundation	**32.8% (266)**	24.2% (196)	20.9% (169)	17.8% (144)	4.3% (35)	810
Knowledge of natural & beneficial functions of floodplains	2.3% (19)	6.0% (49)	21.5% (174)	**43.0% (348)**	27.2% (220)	810
Knowledge of hydrology/hydraulics concepts	4.2% (34)	11.9% (96)	22.6% (183)	**33.1% (268)**	28.3% (229)	810
Knowledge of nonstructural/structural flood-proofing methodologies	2.7% (22)	13.2% (107)	30.0% (243)	**40.6% (329)**	13.5% (109)	810
Knowledge of community/state/federal resources	4.8% (39)	15.9% (129)	32.6% (264)	**37.4% (303)**	9.3% (75)	810
Skill in conflict resolution	2.3% (19)	8.5% (69)	23.8% (193)	**42.1% (341)**	23.2% (188)	810
Skill in public speaking	3.2% (26)	8.1% (66)	19.6% (159)	**45.6% (369)**	23.5% (190)	810
Skill in time management	0.4% (3)	3.6% (29)	16.2% (131)	**50.7% (411)**	29.1% (236)	810
Skill in multitasking	0.7% (6)	3.1% (25)	11.9% (96)	**44.4% (360)**	39.9% (323)	810

Skill in problem solving	0.1% (1)	0.7% (6)	9.4% (76)	44.8% (363)	**44.9% (364)**	810
Skill in facilitation	1.1% (9)	7.9% (64)	22.8% (185)	**44.3% (359)**	23.8% (193)	810
Skill in leadership	0.6% (5)	3.5% (28)	19.8% (160)	**47.9% (388)**	28.3% (229)	810
Skill in organization	0.1% (1)	3.1% (25)	14.7% (119)	**48.0% (389)**	34.1% (276)	810
Skill in computer software	0.5% (4)	5.3% (43)	15.9% (129)	**47.3% (383)**	31.0% (251)	810
Skill in customer service	0.0% (0)	1.7% (14)	6.8% (55)	38.9% (315)	**52.6% (426)**	810
Skill in map reading	0.0% (0)	0.5% (4)	3.3% (27)	32.1% (260)	**64.1% (519)**	810
Skill in communication (written, verbal, listening)	0.1% (1)	0.6% (5)	5.1% (41)	40.1% (325)	**54.1% (438)**	810
Skill in dealing with difficult people	0.2% (2)	2.8% (23)	10.1% (82)	37.2% (301)	**49.6% (402)**	810
ADDITIONAL KNOWLEDGE OR SKILL (WRITE IN & INCLUDE RATINGS OF IMPORTANCE AND YOUR FAMILIARITY)						23

answered question	**810**
skipped question	**223**

23. Considering this total set of Knowledge – Skill statements, to what extent do you agree that they provide an accurate analysis of the Floodplain Management Profession?

	Response Percent	Response Count
Strongly disagree (1)	4.1%	33
Disagree (2)	0.7%	6
Somewhat disagree (3)	1.4%	11
Somewhat agree (4)	13.2%	107
Agree (5)	**54.4%**	**441**
Strongly agree (6)	26.2%	212
	answered question	**810**
	skipped question	**223**

24. PLEASE MAKE ANY ADDITIONAL COMMENTS CONCERNING THIS CFM® VALIDATION SURVEY

	Response Count
	69
	answered question	**69**
	skipped question	**964**

25. What is your current salary range? (OPTIONAL) ASFPM is collecting this information in order to put together a report of national floodplain management salary averages based on location and sector. No personal identifying information will be used or shared. A data summary of the group results will be shared with respondents who request them. You may submit a request for a copy of the results at the end of the survey.

	Response Percent	Response Count
Not applicable	2.7%	21
$20,000 - $30,000 / year	2.6%	20
$31,000 - $40,000 / year	10.3%	80
$41,000 - $50,000 / year	14.7%	114
$51,000 - $60,000 / year	**17.8%**	**138**
$61,000 - $70,000 / year	15.9%	123
$71,000 - $80,000 / year	14.0%	108
$81,000 - $90,000 / year	8.8%	68
$91,000 - $100,000 / year	6.1%	47
More than $100,000 / year	7.1%	55
	answered question	**774**
	skipped question	**259**

26. Please check the box below if you would like a copy of the results of this survey (summarized data) including FPM salary averages by location and sector. [This assumes that your contact information is provided above]

	Response Percent	Response Count
Yes	100.0%	681
answered question		681
skipped question		352