CFM® Validation Survey

SurveyMonkey

1. Your name and contact information:

		Response Percent	Response Count
Full Name (required for CECs and Membership drawing)		**100.0%**	**1,639**
Email address (required for CECs and Membership drawing)		99.7%	1,634
OR Phone Number (required for CECs and Membership drawing)		68.8%	1,128
		answered question	**1,639**
		skipped question	**25**

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®	**94.5%**	**1,573**
YES, I have held the CFM® in the past	0.4%	7
NO, I do not hold the CFM®	5.0%	84
answered question		**1,664**
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	13.4%	13
Somewhat Unlikely	10.3%	10
Somewhat Likely	13.4%	13
Very Likely	**62.9%**	**61**
answered question		**97**
skipped question		**1,567**

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%**	**1,143**
Cert / License 2		41.1%	470
Cert / License 3		21.3%	243
Cert / License 4		11.5%	132
		answered question	**1,143**
		skipped question	**521**

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

	Response Percent	Response Count
Not Applicable	2.8%	46
1-10%	**17.2%**	**286**
11-20%	15.4%	257
21-30%	14.5%	242
31-40%	6.9%	115
41-50%	7.8%	129
51-60%	4.7%	79
61-70%	4.0%	67
71-80%	5.9%	98
81-90%	6.3%	104
91-100%	14.5%	241
	answered question	**1,664**
	skipped question	**0**

6. What is your highest earned degree?

		Response Percent	Response Count
No Degree		1.1%	19
High School or Equivalent		10.5%	174
Associates		7.0%	116
Bachelors		**51.4%**	**856**
Masters		28.2%	469
Doctorate		1.8%	30
		answered question	**1,664**
		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	4.1%	68
2-5 years	**35.2%**	**585**
6-10 years	24.7%	411
11-15 years	15.3%	254
16-20 years	8.5%	142
21-25 years	6.3%	104
26-30 years	3.0%	50
31+ years	3.0%	50
	answered question	**1,664**
	skipped question	**0**

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

	Response Percent	Response Count
Not Applicable	0.2%	4
Retired	0.5%	9
1 year or less	9.1%	152
2-5 years	**48.6%**	**809**
6-10 years	23.4%	389
11-15 years	8.8%	146
16-20 years	4.3%	71
21-25 years	2.7%	45
26-30 years	1.3%	21
31+ years	1.1%	18
	answered question	**1,664**
	skipped question	**0**

9. My current work organization is

		Response Percent	Response Count
Not Applicable		1.4%	24
Public sector		**60.5%**	**1,006**
Private sector		38.1%	634
		answered question	**1,664**
		skipped question	**0**

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

	Response Percent	Response Count
Not Applicable	1.9%	32
Local level (city, county)	**48.7%**	**810**
State level	8.4%	139
Multi-state / regional level	4.6%	76
Federal level	8.7%	144
Private organization	26.5%	441
Other (nonprofit, academia, etc.)	1.3%	22
	answered question	**1,664**
	skipped question	**0**

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

	Response Percent	Response Count
Not Applicable	0.7%	12
International	0.3%	5
AL	1.4%	23
AK	0.4%	7
AZ	6.7%	111
AR	0.2%	4
CA	2.5%	41
CO	5.5%	92
CT	0.2%	3
DE	0.2%	3
DC (District of Columbia)	0.8%	13
FL	7.5%	124
GA	3.1%	51
HI	0.5%	8
ID	0.6%	10
IL	6.2%	103

IN		1.5%	25
IA		0.4%	7
KS		1.2%	20
KY		0.7%	12
LA		2.2%	37
ME		0.0%	0
MD		2.0%	34
MA		0.8%	13
MI		1.4%	24
MN		0.8%	13
MS		1.1%	18
MO		2.2%	37
MT		0.9%	15
NE		1.0%	16
NV		1.3%	22
NH		0.1%	1
NJ		1.0%	17
NM		2.5%	41
NY		1.1%	19

NC		7.3%	121
ND		0.2%	4
OH		1.3%	22
OK		0.2%	3
OR		1.1%	18
PA		0.9%	15
PR (Puerto Rico)		0.2%	3
RI		0.5%	9
SC		2.2%	37
SD		0.2%	3
TN		0.7%	11
TX		**18.6%**	**310**
UT		0.5%	9
VT		0.4%	7
VA		3.8%	63
WA		1.5%	25
WV		0.4%	7
WI		0.8%	14
WY		0.1%	2

answered question	**1,664**
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)	14.3% (238)	0.5% (9)	16.0% (266)	**37.3% (620)**	31.9% (531)	1,664
Conduct pre-development meetings (e.g., developers, design professionals, stakeholders) (A02)	25.8% (430)	1.3% (22)	16.2% (269)	**34.5% (574)**	22.2% (369)	1,664
Process floodplain development permits (A03)	**43.0% (715)**	0.7% (12)	7.9% (131)	21.9% (365)	26.5% (441)	1,664
Review Elevation Certificates (ECs) (A04)	**34.2% (569)**	1.4% (24)	14.6% (243)	24.5% (408)	25.2% (420)	1,664
Conduct code compliance inspections (A05)	**54.1% (900)**	1.6% (26)	8.3% (138)	20.1% (334)	16.0% (266)	1,664
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	**52.7% (877)**	1.7% (28)	12.3% (205)	20.7% (345)	12.6% (209)	1,664
Conduct site inspections (e.g., pre/post development, compliance) (A07)	**34.0% (565)**	0.7% (12)	15.7% (261)	31.8% (529)	17.8% (297)	1,664

Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	**38.7% (644)**	0.6% (10)	8.5% (142)	23.8% (396)	28.4% (472)	1,664
Review variance requests (A09)	**54.2% (902)**	1.3% (21)	9.5% (158)	21.8% (362)	13.3% (221)	1,664
Develop floodplain ordinances (A10)	**45.0% (749)**	1.1% (18)	10.5% (174)	21.7% (361)	21.8% (362)	1,664
Maintain floodplain ordinances (e.g., model, local, state) (A11)	**43.2% (719)**	0.8% (14)	8.2% (137)	24.9% (415)	22.8% (379)	1,664
Interpret floodplain ordinances (A12)	17.3% (288)	0.5% (8)	14.2% (237)	**35.5% (590)**	32.5% (541)	1,664
Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	**42.1% (701)**	1.4% (24)	12.4% (206)	28.1% (467)	16.0% (266)	1,664
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	**52.9% (880)**	3.0% (50)	17.2% (287)	20.1% (334)	6.8% (113)	1,664
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	**45.8% (762)**	0.9% (15)	7.9% (131)	25.5% (424)	20.0% (332)	1,664
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	**60.6% (1,009)**	2.2% (36)	9.6% (159)	18.9% (314)	8.8% (146)	1,664
Participate in community meetings (A17)	20.6% (343)	1.9% (32)	21.6% (360)	**40.7% (678)**	15.1% (251)	1,664

Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	22.1% (367)	1.0% (16)	17.9% (298)	**39.3% (654)**	19.8% (329)	1,664
Provide technical expertise to policy makers (A19)	24.9% (415)	0.9% (15)	14.1% (235)	**36.2% (603)**	23.8% (396)	1,664
Update floodplain management executive orders (A20)	**69.0% (1,148)**	1.9% (31)	7.3% (122)	16.7% (278)	5.1% (85)	1,664
Reconcile conflicting guidance (A21)	**43.9% (731)**	1.3% (21)	14.5% (242)	27.6% (460)	12.6% (210)	1,664
Advocate for floodplain-related legislation (A22)	**54.6% (909)**	1.9% (31)	13.4% (223)	20.7% (344)	9.4% (157)	1,664
Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**57.3% (954)**	1.4% (24)	13.4% (223)	18.1% (302)	9.7% (161)	1,664
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**51.8% (862)**	1.6% (26)	12.1% (202)	22.2% (369)	12.3% (205)	1,664
Mentor new floodplain managers (A25)	**35.0% (583)**	1.3% (22)	14.5% (241)	31.3% (521)	17.8% (297)	1,664

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)	14.4% (240)	**50.3% (837)**	3.5% (58)	4.5% (75)	6.9% (115)	9.7% (161)	9.5% (158)	1.2% (20)	1,664

Conduct pre-development meetings (e.g., developers, design professionals, stakeholders) (A02)	28.2% (470)	**45.6% (759)**	1.0% (17)	3.2% (53)	8.4% (140)	10.2% (169)	3.2% (54)	0.1% (2)	1,664
Process floodplain development permits (A03)	**46.8% (778)**	32.9% (548)	0.5% (8)	1.9% (31)	3.4% (57)	5.1% (85)	8.2% (136)	1.3% (21)	1,664
Review Elevation Certificates (ECs) (A04)	37.2% (619)	**43.1% (717)**	1.1% (18)	2.2% (37)	4.0% (66)	4.9% (82)	7.0% (117)	0.5% (8)	1,664
Conduct code compliance inspections (A05)	**60.3% (1,004)**	27.9% (465)	1.0% (16)	1.0% (17)	2.8% (46)	3.1% (52)	3.5% (58)	0.4% (6)	1,664
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	**58.4% (972)**	33.4% (555)	4.3% (72)	2.0% (34)	1.3% (21)	0.4% (7)	0.1% (2)	0.1% (1)	1,664
Conduct site inspections (e.g., pre/post development, compliance) (A07)	37.1% (618)	**48.4% (805)**	1.1% (19)	2.3% (39)	3.8% (64)	4.5% (75)	2.6% (43)	0.1% (1)	1,664
Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	**42.0% (699)**	32.6% (543)	1.3% (22)	1.5% (25)	3.4% (57)	5.1% (85)	12.6% (210)	1.4% (23)	1,664
Review variance requests (A09)	**60.3% (1,004)**	35.4% (589)	0.5% (8)	1.0% (17)	1.7% (29)	0.6% (10)	0.4% (6)	0.1% (1)	1,664
Develop floodplain ordinances (A10)	**49.9% (831)**	43.0% (715)	4.1% (69)	1.1% (19)	0.7% (12)	0.6% (10)	0.4% (7)	0.1% (1)	1,664
Maintain floodplain ordinances (e.g., model, local, state) (A11)	**47.3% (787)**	39.2% (652)	5.6% (94)	1.1% (18)	1.4% (23)	1.1% (18)	4.2% (70)	0.1% (2)	1,664
Interpret floodplain ordinances (A12)	18.8% (313)	**55.6% (925)**	1.0% (16)	1.4% (24)	4.4% (74)	6.5% (108)	11.0% (183)	1.3% (21)	1,664

Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	**48.9% (814)**	37.7% (627)	3.0% (50)	1.7% (28)	1.8% (30)	2.5% (42)	4.1% (68)	0.3% (5)	1,664
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	**61.1% (1,016)**	28.1% (467)	6.7% (111)	2.0% (33)	0.8% (13)	0.8% (13)	0.7% (11)	0.0% (0)	1,664
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	**50.9% (847)**	41.5% (691)	0.5% (9)	1.1% (18)	1.7% (29)	1.8% (30)	2.3% (39)	0.1% (1)	1,664
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	**67.1% (1,116)**	28.3% (471)	3.8% (63)	0.5% (8)	0.3% (5)	0.1% (1)	0.0% (0)	0.0% (0)	1,664
Participate in community meetings (A17)	24.0% (399)	**62.3% (1,036)**	2.3% (38)	4.5% (75)	5.0% (84)	1.7% (29)	0.1% (2)	0.1% (1)	1,664
Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	25.2% (419)	**59.6% (992)**	1.6% (27)	3.1% (51)	5.0% (83)	3.3% (55)	2.2% (37)	0.0% (0)	1,664
Provide technical expertise to policy makers (A19)	28.2% (470)	**57.9% (963)**	1.6% (26)	1.9% (32)	4.3% (71)	3.7% (61)	2.2% (36)	0.3% (5)	1,664
Update floodplain management executive orders (A20)	**77.2% (1,285)**	21.1% (351)	1.0% (16)	0.3% (5)	0.2% (3)	0.1% (2)	0.1% (2)	0.0% (0)	1,664
Reconcile conflicting guidance (A21)	**48.3% (804)**	45.7% (761)	0.8% (13)	1.0% (16)	1.9% (31)	1.4% (23)	0.7% (11)	0.3% (5)	1,664
Advocate for floodplain-related legislation (A22)	**65.2% (1,085)**	29.5% (491)	2.6% (44)	1.3% (21)	0.4% (6)	0.8% (14)	0.2% (3)	0.0% (0)	1,664

Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**67.7% (1,126)**	24.8% (413)	2.8% (47)	1.9% (31)	1.0% (17)	0.7% (12)	1.1% (18)	0.0% (0)	1,664
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**60.7% (1,010)**	24.0% (399)	1.1% (19)	1.4% (24)	3.1% (51)	4.0% (67)	4.8% (80)	0.8% (14)	1,664
Mentor new floodplain managers (A25)	41.3% (687)	**42.1% (700)**	2.0% (33)	2.3% (38)	2.7% (45)	3.8% (63)	5.0% (83)	0.9% (15)	1,664
				ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)					225

answered question	**1,664**
skipped question	**0**

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)	29.6% (493)	1.1% (19)	12.0% (200)	**31.0% (516)**	26.2% (436)	1,664
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**37.8% (629)**	1.7% (29)	14.5% (241)	30.9% (514)	15.1% (251)	1,664
Evaluate levee certifications (B03)	**73.3% (1,220)**	1.1% (18)	5.7% (95)	13.3% (222)	6.6% (109)	1,664
Identify at-risk properties behind levees (B04)	**67.2% (1,118)**	1.2% (20)	7.2% (119)	16.0% (266)	8.5% (141)	1,664
Develop levee breach maps (B05)	**75.3% (1,253)**	1.6% (27)	4.4% (73)	12.4% (206)	6.3% (105)	1,664
Develop levee protection zone maps (B06)	**74.9% (1,247)**	1.5% (25)	4.6% (76)	12.8% (213)	6.2% (103)	1,664
Evaluate dam & levee safety (B07)	**66.2% (1,102)**	0.8% (14)	7.5% (124)	15.1% (252)	10.3% (172)	1,664
Develop watershed master plans (B08)	**46.4% (772)**	1.2% (20)	9.9% (165)	29.0% (483)	13.5% (224)	1,664
Develop storm water management plans (B09)	**39.6% (659)**	0.8% (14)	10.4% (173)	31.8% (529)	17.4% (289)	1,664
Develop master drainage plans (B10)	**43.9% (731)**	0.9% (15)	9.3% (155)	30.2% (502)	15.7% (261)	1,664
Conduct risk modeling (e.g., HAZards United States [HAZUS],						

Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**55.6% (925)**	1.3% (22)	12.6% (209)	20.4% (340)	10.1% (168)	1,664
Communicate loss estimation models to decision makers (B12)	**62.0% (1,032)**	1.3% (22)	10.0% (167)	19.6% (326)	7.0% (117)	1,664
Assist with implementing hazard mitigation plans (B13)	**42.8% (712)**	0.9% (15)	14.7% (244)	29.1% (484)	12.6% (209)	1,664
Coordinate watershed development across jurisdictional lines (B14)	**53.1% (884)**	1.4% (23)	12.1% (201)	24.0% (400)	9.4% (156)	1,664
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**52.0% (865)**	1.6% (27)	11.5% (192)	23.7% (395)	11.1% (185)	1,664
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**60.2% (1,001)**	1.8% (30)	11.5% (192)	19.7% (328)	6.8% (113)	1,664
Promote placement & retention of stream & tidal gages (B17)	**66.9% (1,113)**	1.6% (27)	9.7% (161)	16.2% (269)	5.6% (94)	1,664
Identify placement location for warning signs (B18)	**67.5% (1,124)**	2.1% (35)	9.6% (160)	15.4% (256)	5.3% (89)	1,664

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Document flood events (B01)	35.7% (594)	**59.9% (997)**	1.6% (27)	1.0% (17)	0.5% (8)	0.8% (13)	0.5% (8)	0.0% (0)	1,664
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**48.6% (809)**	41.7% (694)	1.4% (24)	1.5% (25)	2.6% (43)	1.5% (25)	2.0% (34)	0.6% (10)	1,664

Evaluate levee certifications (B03)	**81.8% (1,361)**	15.0% (250)	1.4% (23)	0.7% (11)	0.5% (9)	0.4% (6)	0.2% (3)	0.1% (1)	1,664
Identify at-risk properties behind levees (B04)	**74.5% (1,240)**	21.7% (361)	1.0% (16)	0.6% (10)	1.0% (16)	0.7% (12)	0.5% (9)	0.0% (0)	1,664
Develop levee breach maps (B05)	**85.2% (1,418)**	12.8% (213)	0.5% (8)	0.7% (11)	0.3% (5)	0.3% (5)	0.2% (3)	0.1% (1)	1,664
Develop levee protection zone maps (B06)	**84.7% (1,410)**	13.0% (217)	0.6% (10)	0.5% (8)	0.7% (11)	0.4% (6)	0.1% (1)	0.1% (1)	1,664
Evaluate dam & levee safety (B07)	**74.3% (1,237)**	20.2% (336)	2.3% (39)	1.1% (18)	0.9% (15)	0.5% (9)	0.4% (7)	0.2% (3)	1,664
Develop watershed master plans (B08)	**56.6% (941)**	33.1% (551)	4.1% (69)	1.9% (32)	1.4% (24)	1.1% (19)	1.4% (24)	0.2% (4)	1,664
Develop storm water management plans (B09)	**47.8% (795)**	38.8% (645)	4.2% (70)	1.8% (30)	2.3% (39)	2.5% (41)	2.2% (37)	0.4% (7)	1,664
Develop master drainage plans (B10)	**53.7% (893)**	35.3% (587)	3.5% (58)	2.1% (35)	2.2% (36)	1.6% (26)	1.6% (26)	0.2% (3)	1,664
Conduct risk modeling (e.g., HAZards United States [HAZUS], Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**66.8% (1,112)**	26.9% (448)	1.6% (27)	1.4% (23)	1.1% (19)	1.1% (18)	0.8% (13)	0.2% (4)	1,664
Communicate loss estimation models to decision makers (B12)	**73.2% (1,218)**	23.5% (391)	1.3% (21)	0.8% (14)	0.5% (9)	0.5% (8)	0.2% (3)	0.0% (0)	1,664
Assist with implementing hazard mitigation plans (B13)	**48.9% (814)**	41.8% (696)	3.9% (65)	1.8% (30)	1.1% (19)	1.4% (23)	1.0% (17)	0.0% (0)	1,664

Coordinate watershed development across jurisdictional lines (B14)	**64.3% (1,070)**	30.5% (507)	1.1% (19)	1.5% (25)	1.2% (20)	0.6% (10)	0.8% (13)	0.0% (0)	1,664
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**60.3% (1,004)**	31.5% (524)	5.9% (98)	1.1% (18)	0.4% (6)	0.5% (8)	0.3% (5)	0.1% (1)	1,664
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**69.3% (1,153)**	27.6% (460)	1.2% (20)	0.7% (12)	0.5% (8)	0.3% (5)	0.4% (6)	0.0% (0)	1,664
Promote placement & retention of stream & tidal gages (B17)	**79.5% (1,323)**	17.5% (291)	1.7% (28)	0.6% (10)	0.4% (6)	0.2% (3)	0.2% (3)	0.0% (0)	1,664
Identify placement location for warning signs (B18)	**79.2% (1,318)**	17.8% (297)	1.0% (17)	1.0% (16)	0.5% (9)	0.2% (3)	0.2% (3)	0.1% (1)	1,664
					ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)				105

answered question	**1,664**
skipped question	**0**

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)	**33.5% (557)**	1.3% (22)	13.6% (226)	30.0% (500)	21.6% (359)	1,664
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	31.1% (517)	1.7% (28)	18.0% (299)	**33.1% (550)**	16.2% (270)	1,664
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	**32.0% (532)**	4.1% (68)	29.7% (494)	27.6% (460)	6.6% (110)	1,664
Promote flood awareness week/month (C04)	**45.7% (760)**	3.9% (65)	20.8% (346)	23.2% (386)	6.4% (107)	1,664
Prepare media press releases (C05)	**59.2% (985)**	2.0% (33)	14.1% (235)	19.8% (329)	4.9% (82)	1,664
Participate in media interviews (C06)	**60.8% (1,012)**	3.4% (56)	14.7% (244)	17.1% (285)	4.0% (67)	1,664
Publish outreach brochures & handouts (C07)	**49.5% (824)**	1.7% (29)	16.4% (273)	24.3% (404)	8.1% (134)	1,664
Distribute outreach brochures & handouts (C08)	**43.7% (727)**	2.0% (34)	17.5% (291)	27.5% (457)	9.3% (155)	1,664

Assist with website development (C09)	**54.0% (898)**	1.9% (31)	15.6% (259)	22.5% (374)	6.1% (102)	1,664
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**55.9% (931)**	2.2% (37)	13.6% (226)	20.1% (335)	8.1% (135)	1,664
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	**37.6% (625)**	1.8% (30)	17.1% (285)	29.9% (498)	13.6% (226)	1,664
Organize state & regional conferences (C12)	**65.6% (1,091)**	2.6% (44)	10.3% (171)	16.2% (270)	5.3% (88)	1,664
Conduct training workshops & seminars (C13)	**49.3% (820)**	1.4% (23)	14.0% (233)	24.9% (414)	10.5% (174)	1,664
Publish floodplain management newsletters (C14)	**71.5% (1,190)**	1.7% (29)	10.6% (176)	12.8% (213)	3.4% (56)	1,664
Provide education & training to local policy makers (C15)	**47.1% (783)**	1.1% (19)	12.9% (215)	27.2% (453)	11.7% (194)	1,664
Provide outreach at trade shows & conferences (C16)	**58.1% (966)**	2.9% (48)	14.8% (246)	19.7% (327)	4.6% (77)	1,664
Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**61.5% (1,024)**	1.8% (30)	15.6% (260)	17.2% (286)	3.8% (64)	1,664
Provide public service announcements (C18)	**67.3% (1,120)**	2.0% (34)	10.2% (170)	16.6% (276)	3.8% (64)	1,664

Demonstrate interactive floodplain & watershed models (C19)	**63.4% (1,055)**	2.2% (36)	13.2% (220)	16.7% (278)	4.5% (75)	1,664
Promote placement of historical high water markers (C20)	**61.7% (1,026)**	1.9% (32)	12.4% (207)	18.2% (303)	5.8% (96)	1,664
Develop risk notification tools (e.g., letters, website, maps) (C21)	**52.1% (867)**	1.0% (16)	12.6% (209)	24.2% (402)	10.2% (170)	1,664
Promote non-structural floodproofing methods (C22)	**46.4% (772)**	1.4% (23)	17.4% (289)	25.5% (425)	9.3% (155)	1,664

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)	40.0% (666)	**43.6% (725)**	4.4% (74)	2.3% (38)	2.1% (35)	2.6% (43)	4.4% (74)	0.5% (9)	1,664
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	38.8% (645)	**46.4% (772)**	2.3% (39)	2.5% (41)	3.4% (57)	3.2% (53)	3.1% (51)	0.4% (6)	1,664
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	39.7% (660)	**45.9% (763)**	7.7% (128)	4.4% (74)	1.7% (28)	0.5% (8)	0.2% (3)	0.0% (0)	1,664
Promote flood awareness week/month (C04)	**61.5% (1,024)**	24.4% (406)	12.6% (209)	0.7% (12)	0.5% (9)	0.1% (1)	0.2% (3)	0.0% (0)	1,664
Prepare media press releases (C05)	**68.7% (1,143)**	26.9% (448)	1.9% (31)	1.4% (24)	1.0% (16)	0.1% (2)	0.0% (0)	0.0% (0)	1,664

Participate in media interviews (C06)	**69.5% (1,157)**	28.5% (475)	0.6% (10)	0.7% (11)	0.4% (6)	0.3% (5)	0.0% (0)	0.0% (0)	1,664
Publish outreach brochures & handouts (C07)	**57.4% (955)**	29.0% (482)	8.5% (142)	3.3% (55)	1.3% (21)	0.4% (7)	0.1% (2)	0.0% (0)	1,664
Distribute outreach brochures & handouts (C08)	**50.8% (845)**	34.8% (579)	6.4% (107)	2.9% (48)	2.0% (34)	1.3% (22)	1.6% (27)	0.1% (2)	1,664
Assist with website development (C09)	**62.9% (1,046)**	28.7% (478)	2.8% (46)	2.5% (42)	1.7% (28)	0.7% (12)	0.7% (11)	0.1% (1)	1,664
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**66.6% (1,109)**	26.3% (438)	2.2% (36)	2.0% (33)	1.9% (31)	0.5% (9)	0.5% (8)	0.0% (0)	1,664
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	**45.0% (749)**	40.6% (675)	7.0% (117)	4.1% (69)	1.8% (30)	0.5% (8)	0.8% (13)	0.2% (3)	1,664
Organize state & regional conferences (C12)	**78.1% (1,300)**	13.8% (229)	6.8% (113)	0.9% (15)	0.4% (6)	0.0% (0)	0.0% (0)	0.1% (1)	1,664
Conduct training workshops & seminars (C13)	**58.1% (966)**	28.8% (479)	6.7% (111)	4.8% (80)	1.4% (24)	0.2% (3)	0.1% (1)	0.0% (0)	1,664
Publish floodplain management newsletters (C14)	**85.0% (1,414)**	9.6% (159)	2.2% (36)	2.8% (47)	0.5% (8)	0.0% (0)	0.0% (0)	0.0% (0)	1,664
Provide education & training to local policy makers (C15)	**54.0% (899)**	38.6% (642)	3.4% (56)	1.8% (30)	1.2% (20)	0.7% (12)	0.3% (5)	0.0% (0)	1,664
Provide outreach at trade shows & conferences (C16)	**68.4% (1,138)**	22.1% (367)	7.6% (126)	1.6% (26)	0.4% (6)	0.1% (1)	0.0% (0)	0.0% (0)	1,664

Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**75.2% (1,252)**	18.9% (315)	4.4% (73)	1.0% (17)	0.2% (3)	0.1% (2)	0.1% (2)	0.0% (0)	1,664
Provide public service announcements (C18)	**80.6% (1,342)**	16.7% (278)	1.6% (26)	0.8% (13)	0.2% (3)	0.0% (0)	0.1% (2)	0.0% (0)	1,664
Demonstrate interactive floodplain & watershed models (C19)	**77.1% (1,283)**	18.2% (303)	1.7% (29)	1.3% (22)	0.8% (14)	0.3% (5)	0.4% (7)	0.1% (1)	1,664
Promote placement of historical high water markers (C20)	**79.4% (1,321)**	18.9% (314)	1.1% (18)	0.4% (7)	0.1% (1)	0.1% (1)	0.1% (2)	0.0% (0)	1,664
Develop risk notification tools (e.g., letters, website, maps) (C21)	**61.8% (1,029)**	29.1% (484)	3.4% (56)	1.1% (19)	1.7% (28)	0.7% (11)	1.7% (28)	0.5% (9)	1,664
Promote non-structural floodproofing methods (C22)	**55.4% (922)**	38.2% (635)	1.0% (17)	1.2% (20)	1.7% (28)	1.7% (28)	0.6% (10)	0.2% (4)	1,664
ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)									69

answered question	**1,664**
skipped question	**0**

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)	10.6% (177)	0.5% (9)	7.8% (130)	33.8% (562)	**47.2% (786)**	1,664
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	21.7% (361)	0.8% (13)	9.2% (153)	**35.3% (587)**	33.1% (550)	1,664
Assist in resolution of flood insurance problems (D03)	**44.4% (739)**	2.0% (34)	13.9% (232)	26.7% (444)	12.9% (215)	1,664
Document flooding complaints (D04)	**37.9% (631)**	1.4% (24)	13.2% (220)	30.8% (512)	16.6% (277)	1,664
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	**36.8% (613)**	1.4% (23)	13.3% (221)	31.7% (528)	16.8% (279)	1,664
Provide substantial damage letters for Increased Cost of Compliance (ICC) (D06)	**64.8% (1,078)**	1.4% (24)	5.8% (97)	19.6% (326)	8.4% (139)	1,664
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	31.2% (519)	1.7% (28)	16.2% (269)	**31.4% (523)**	19.5% (325)	1,664

Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	24.2% (402)	1.9% (32)	22.7% (378)	**37.7% (628)**	13.5% (224)	1,664
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	17.6% (293)	1.2% (20)	12.0% (199)	**37.9% (630)**	31.4% (522)	1,664

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)	11.4% (190)	**46.1% (767)**	0.5% (8)	1.9% (31)	4.9% (82)	12.0% (199)	19.0% (316)	4.3% (71)	1,664
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	23.4% (389)	**44.5% (740)**	0.2% (3)	1.0% (17)	3.8% (64)	8.1% (135)	16.2% (270)	2.8% (46)	1,664
Assist in resolution of flood insurance problems (D03)	**50.0% (832)**	36.6% (609)	0.2% (3)	1.4% (24)	2.6% (44)	4.1% (68)	4.3% (71)	0.8% (13)	1,664
Document flooding complaints (D04)	43.8% (729)	**46.8% (778)**	0.6% (10)	1.2% (20)	1.6% (26)	3.4% (56)	2.5% (41)	0.2% (4)	1,664
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	40.3% (670)	**43.9% (731)**	0.5% (9)	1.4% (24)	2.2% (36)	5.2% (87)	5.9% (98)	0.5% (9)	1,664
Provide substantial damage letters for Increased Cost of Compliance	**74.5%**	24.0%	0.3% (5)	0.4% (7)	0.2% (3)	0.2% (4)	0.4% (7)	0.0% (0)	1,664

(ICC) (D06)	**(1,235)**	(000)							
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	34.5% (574)	**48.9% (814)**	2.1% (35)	1.2% (20)	2.3% (38)	4.1% (68)	6.1% (102)	0.8% (13)	1,664
Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	26.0% (433)	**58.0% (965)**	0.5% (8)	1.9% (32)	3.1% (52)	4.8% (80)	5.3% (88)	0.4% (6)	1,664
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	19.2% (320)	**53.7% (894)**	0.4% (6)	1.7% (29)	4.4% (74)	7.4% (123)	11.0% (183)	2.1% (35)	1,664
			ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)						53

answered question	**1,664**
skipped question	**0**

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)	29.0% (482)	0.8% (13)	9.2% (153)	**32.5% (541)**	28.5% (475)	1,664
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	30.4% (506)	0.9% (15)	5.6% (93)	29.6% (493)	**33.5% (557)**	1,664
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	**32.3% (538)**	1.1% (18)	7.9% (132)	32.0% (533)	26.6% (443)	1,664
Develop future conditions floodplain maps (E04)	**46.1% (767)**	1.7% (28)	10.5% (175)	26.2% (436)	15.5% (258)	1,664
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	25.4% (423)	1.0% (16)	10.7% (178)	**37.8% (629)**	25.1% (418)	1,664
Map repetitive loss areas (E06)	**55.7% (927)**	1.8% (30)	10.6% (177)	22.4% (373)	9.4% (157)	1,664
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	**40.9% (681)**	1.0% (17)	9.6% (160)	27.2% (452)	21.3% (354)	1,664
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	**43.8% (728)**	1.4% (24)	9.9% (165)	27.4% (456)	17.5% (291)	1,664
Generate flood hazard maps (E09)	**43.0% (716)**	0.6% (10)	6.9% (115)	26.0% (433)	23.4% (390)	1,664

Utilize Geographic Information Systems (GIS) (E10)	12.3% (205)	0.8% (13)	10.8% (180)	33.6% (559)	**42.5% (707)**	1,664

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)	32.9% (547)	**50.2% (835)**	0.8% (14)	2.5% (42)	4.7% (79)	3.8% (64)	3.9% (65)	1.1% (18)	1,664
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	33.2% (553)	**41.8% (695)**	1.7% (29)	1.4% (23)	2.5% (42)	5.2% (86)	12.1% (201)	2.1% (35)	1,664
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	39.3% (654)	**41.8% (696)**	0.8% (14)	1.9% (32)	2.9% (49)	4.3% (72)	7.0% (117)	1.8% (30)	1,664
Develop future conditions floodplain maps (E04)	**59.0% (982)**	31.6% (525)	1.0% (16)	1.4% (24)	2.5% (41)	2.2% (36)	2.0% (33)	0.4% (7)	1,664
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	30.1% (501)	**50.9% (847)**	0.6% (10)	2.0% (34)	3.9% (65)	5.5% (91)	5.8% (97)	1.1% (19)	1,664
Map repetitive loss areas (E06)	**67.3% (1,120)**	25.6% (426)	4.7% (78)	0.8% (14)	0.5% (9)	0.4% (7)	0.6% (10)	0.0% (0)	1,664
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	**49.7% (827)**	34.7% (578)	1.1% (18)	0.8% (14)	1.4% (24)	2.6% (43)	6.7% (111)	2.9% (49)	1,664
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	**52.1% (867)**	38.9% (647)	0.7% (11)	1.2% (20)	1.8% (30)	2.1% (35)	2.8% (46)	0.5% (8)	1,664

Generate flood hazard maps (E09)	**51.3% (854)**	31.0% (516)	1.6% (26)	1.6% (27)	2.6% (44)	3.5% (59)	5.3% (88)	3.0% (50)	1,664
Utilize Geographic Information Systems (GIS) (E10)	15.8% (263)	**38.3% (638)**	0.4% (7)	1.0% (16)	2.9% (48)	7.2% (119)	21.7% (361)	12.7% (212)	1,664
				ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)					67
								answered question	**1,664**
								skipped question	**0**

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)	**56.4% (938)**	1.4% (23)	8.1% (135)	20.8% (346)	13.3% (222)	1,664
Develop flood warning systems (F02)	**62.6% (1,042)**	1.3% (21)	8.7% (145)	16.6% (276)	10.8% (180)	1,664
Pursue mitigation & planning grants/funding (F03)	**52.6% (875)**	1.5% (25)	12.9% (214)	21.8% (362)	11.3% (188)	1,664
Promote No Adverse Impact (NAI) (F04)	**44.7% (743)**	1.3% (22)	13.3% (222)	26.1% (435)	14.5% (242)	1,664
Participate in local emergency planning (F05)	**46.0% (765)**	1.1% (18)	11.3% (188)	26.6% (442)	15.1% (251)	1,664
Implement hazard mitigation plans (F06)	**52.3% (870)**	0.8% (13)	10.1% (168)	24.0% (399)	12.9% (214)	1,664
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	**51.3% (853)**	1.8% (30)	8.7% (145)	22.8% (380)	15.4% (256)	1,664
Coordinate flood mitigation programs with other agencies (F08)	**50.1% (833)**	1.5% (25)	12.3% (205)	26.4% (440)	9.7% (161)	1,664
Assist with emergency Action, Evacuation, & Response plans	**54.3% (904)**	1.2% (20)	9.1% (151)	21.8% (362)	13.6% (227)	1,664

(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)	**68.5% (1,140)**	19.7% (327)	3.1% (52)	1.5% (25)	1.4% (24)	1.3% (22)	3.8% (64)	0.6% (10)	1,664
Develop flood warning systems (F02)	**76.3% (1,270)**	20.1% (335)	1.3% (22)	0.7% (11)	0.3% (5)	0.4% (6)	0.7% (12)	0.2% (3)	1,664
Pursue mitigation & planning grants/funding (F03)	**64.2% (1,068)**	28.1% (468)	3.5% (59)	1.4% (23)	1.1% (18)	0.5% (8)	0.8% (14)	0.4% (6)	1,664
Promote No Adverse Impact (NAI) (F04)	**53.3% (887)**	36.7% (611)	1.4% (24)	1.6% (27)	1.6% (26)	1.6% (27)	3.2% (54)	0.5% (8)	1,664
Participate in local emergency planning (F05)	**52.6% (876)**	36.2% (602)	4.4% (74)	3.2% (53)	2.0% (33)	0.5% (9)	0.8% (13)	0.2% (4)	1,664
Implement hazard mitigation plans (F06)	**61.4% (1,021)**	31.3% (520)	3.0% (50)	1.4% (23)	0.9% (15)	0.5% (9)	1.4% (24)	0.1% (2)	1,664
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	**58.3% (970)**	35.1% (584)	1.9% (31)	1.5% (25)	1.4% (23)	0.5% (9)	1.1% (19)	0.2% (3)	1,664
Coordinate flood mitigation programs with other agencies (F08)	**57.9% (964)**	35.6% (593)	1.4% (23)	1.7% (29)	1.6% (26)	0.7% (12)	0.9% (15)	0.1% (2)	1,664
Assist with emergency Action, Evacuation, & Response plans (F09)	**61.4% (1,022)**	33.1% (551)	2.2% (37)	1.3% (22)	0.9% (15)	0.3% (5)	0.6% (10)	0.1% (2)	1,664

answered question	**1,664**
skipped question	**0**

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)	**64.7% (1,077)**	1.0% (16)	5.3% (88)	16.6% (277)	12.4% (206)	1,664
Coordinate with Incident Command Structure (ICS) (G02)	**62.1% (1,033)**	1.0% (17)	6.8% (113)	18.4% (307)	11.7% (194)	1,664
Participate in preliminary damage assessments (G03)	**52.0% (866)**	1.2% (20)	9.4% (156)	22.2% (369)	15.2% (253)	1,664
Document extent of flooding & other disasters (G04)	**41.8% (695)**	1.3% (21)	10.3% (171)	28.3% (471)	18.4% (306)	1,664
Identify frequency of flood event (G05)	**44.4% (739)**	1.4% (24)	12.7% (211)	29.3% (487)	12.2% (203)	1,664
Conduct damage assessment surveys (G06)	**53.5% (891)**	1.3% (21)	8.2% (137)	22.6% (376)	14.4% (239)	1,664
Assess substantial improvements/damages (G07)	**53.9% (897)**	1.0% (17)	7.4% (123)	22.4% (372)	15.3% (255)	1,664

Implement disaster recovery/debris management plans (G08)	**67.9% (1,130)**	1.3% (22)	6.1% (102)	16.2% (269)	8.5% (141)	1,664
Assess rebuilding requirements based on event (G09)	**61.6% (1,025)**	1.3% (21)	7.2% (120)	18.6% (309)	11.4% (189)	1,664
Collect other agencies' damage data (G10)	**63.5% (1,057)**	2.0% (33)	12.7% (211)	16.7% (278)	5.1% (85)	1,664
Communicate damages to decision makers (G11)	**51.7% (861)**	1.0% (17)	8.5% (142)	23.4% (390)	15.3% (254)	1,664
Solicit assistance from others (e.g., Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**67.8% (1,128)**	1.5% (25)	7.0% (117)	15.3% (255)	8.4% (139)	1,664
Rectify compliance issues (G13)	**55.9% (930)**	0.7% (12)	6.9% (114)	22.5% (375)	14.0% (233)	1,664
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)	**57.5% (956)**	1.0% (16)	10.2% (169)	19.7% (328)	11.7% (195)	1,664
Document Federal and State response recovery grants and loans (G15)	**69.6% (1,158)**	1.3% (21)	7.7% (128)	15.4% (256)	6.1% (101)	1,664

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)	**73.9% (1,230)**	23.6% (392)	1.1% (18)	0.7% (11)	0.3% (5)	0.1% (2)	0.4% (6)	0.0% (0)	1,664
Coordinate with Incident Command Structure (ICS) (G02)	**70.3% (1,170)**	27.6% (460)	0.8% (14)	0.5% (9)	0.2% (3)	0.0% (0)	0.5% (8)	0.0% (0)	1,664
Participate in preliminary damage assessments (G03)	**59.1% (983)**	39.7% (661)	0.4% (7)	0.2% (4)	0.2% (3)	0.1% (2)	0.1% (2)	0.1% (2)	1,664
Document extent of flooding & other disasters (G04)	48.1% (800)	**49.8% (829)**	0.9% (15)	0.5% (9)	0.3% (5)	0.1% (2)	0.1% (2)	0.1% (2)	1,664
Identify frequency of flood event (G05)	**53.4% (889)**	42.8% (712)	1.1% (18)	1.3% (21)	0.7% (12)	0.5% (8)	0.2% (4)	0.0% (0)	1,664
Conduct damage assessment surveys (G06)	**61.4% (1,022)**	37.7% (627)	0.3% (5)	0.2% (3)	0.1% (1)	0.1% (2)	0.2% (4)	0.0% (0)	1,664
Assess substantial improvements/damages (G07)	**60.9% (1,013)**	36.9% (614)	0.2% (4)	0.4% (6)	0.4% (7)	0.8% (13)	0.4% (6)	0.1% (1)	1,664
Implement disaster recovery/debris management plans (G08)	**77.5% (1,289)**	21.4% (356)	0.8% (13)	0.1% (2)	0.0% (0)	0.1% (1)	0.2% (3)	0.0% (0)	1,664
Assess rebuilding requirements based on event (G09)	**69.6% (1,158)**	29.9% (497)	0.0% (0)	0.2% (4)	0.0% (0)	0.1% (1)	0.2% (4)	0.0% (0)	1,664
Collect other agencies' damage data (G10)	**72.5% (1,207)**	26.2% (436)	0.6% (10)	0.4% (6)	0.1% (2)	0.1% (1)	0.1% (2)	0.0% (0)	1,664
Communicate damages to decision makers (G11)	**57.7% (960)**	40.7% (677)	0.4% (7)	0.5% (9)	0.2% (3)	0.1% (2)	0.3% (5)	0.1% (1)	1,664
Solicit assistance from others (e.g.,									

Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**77.1% (1,283)**	22.1% (367)	0.5% (8)	0.2% (4)	0.1% (1)	0.0% (0)	0.1% (1)	0.0% (0)	1,664
Rectify compliance issues (G13)	**61.8% (1,029)**	34.7% (577)	0.2% (4)	0.9% (15)	0.5% (9)	0.5% (9)	1.1% (19)	0.1% (2)	1,664
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)	**65.9% (1,096)**	29.1% (484)	2.2% (36)	0.7% (11)	0.5% (8)	0.4% (6)	1.1% (18)	0.3% (5)	1,664
Document Federal and State response recovery grants and loans (G15)	**80.0% (1,332)**	18.1% (301)	0.5% (8)	0.4% (7)	0.2% (3)	0.1% (1)	0.4% (7)	0.3% (5)	1,664
				ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)					67

answered question	**1,664**
skipped question	**0**

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	**38.5% (641)**	13.5% (224)	10.5% (174)	9.9% (165)	9.1% (152)	8.2% (136)	10.3% (172)	3.04	1,664
B. Perform Hazard Identification & Risk Assessment	10.1% (168)	**21.2% (352)**	18.0% (299)	17.4% (290)	15.4% (257)	11.6% (193)	6.3% (105)	3.67	1,664
C. Perform Outreach Activities	3.0% (50)	8.1% (134)	19.3% (321)	19.5% (325)	**19.7% (328)**	14.8% (247)	15.6% (259)	4.52	1,664
D. Perform Customer Service Activities	13.0% (216)	**26.7% (444)**	16.0% (266)	13.1% (218)	10.5% (175)	10.6% (176)	10.2% (169)	3.54	1,664
E. Perform Mapping Activities	**23.3% (387)**	14.5% (242)	15.7% (262)	14.8% (247)	11.8% (196)	8.5% (141)	11.4% (189)	3.48	1,664
F. Perform Mitigation & Preparedness Activities	5.6% (93)	9.9% (164)	12.5% (208)	15.3% (255)	19.5% (325)	**28.5% (475)**	8.7% (144)	4.54	1,664
G. Perform Disaster Response & Recovery Activities	6.6% (109)	6.3% (104)	8.1% (134)	9.9% (164)	13.9% (231)	17.8% (296)	**37.6% (626)**	5.22	1,664
							answered question		**1,664**
							skipped question		**0**

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)	4.7%	79
Disagree (2)	2.2%	36
Somewhat disagree (3)	3.7%	61
Somewhat agree (4)	23.4%	390
Agree (5)	**47.8%**	**795**
Strongly agree (6)	18.2%	303
	answered question	**1,664**
	skipped question	**0**

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	0.1% (2)	0.1% (1)	1.3% (21)	3.7% (62)	7.0% (117)	25.5% (424)	19.1% (317)	**27.5% (457)**	11.9% (198)	2.7% (45)
Task Frequency	0.5% (9)	2.5% (42)	11.5% (191)	**27.1% (451)**	19.2% (319)	25.5% (424)	7.2% (119)	3.9% (65)	2.0% (34)	0.4% (7)
										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)	1.4% (24)	8.7% (144)	39.8% (663)	**50.1% (833)**	1,664
Knowledge of basic mathematics/statistics	2.3% (39)	22.7% (378)	**50.5% (840)**	24.5% (407)	1,664
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	5.2% (86)	25.8% (430)	**45.1% (750)**	23.9% (398)	1,664
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	4.2% (70)	20.6% (343)	**44.6% (742)**	30.6% (509)	1,664
Knowledge of Coastal Barrier Resource Area (COBRA) zones	**41.0% (683)**	27.3% (455)	23.3% (388)	8.3% (138)	1,664
Knowledge of Geographic Information System (GIS)	2.9% (49)	23.8% (396)	**43.8% (729)**	29.4% (490)	1,664
Knowledge of permitting process	7.0% (117)	14.3% (238)	**40.4% (672)**	38.3% (637)	1,664
Knowledge of building codes	14.4% (240)	30.6% (509)	**38.3% (638)**	16.6% (277)	1,664
Knowledge of floodplain mapping	1.3% (22)	6.6% (110)	37.3% (621)	**54.7% (911)**	1,664
Knowledge of construction techniques	10.6% (176)	32.7% (544)	**41.6% (693)**	15.1% (251)	1,664

Knowledge of grant opportunities	22.6% (376)	**37.1% (618)**	30.9% (514)	9.4% (156)	1,664
Knowledge of other agency or department regulations	5.2% (87)	38.0% (633)	**44.4% (739)**	12.3% (205)	1,664
Knowledge of planning/zoning concepts	8.3% (138)	28.2% (470)	**45.9% (763)**	17.6% (293)	1,664
Knowledge of Incident Command Structure (ICS)	32.3% (538)	**33.7% (561)**	26.9% (448)	7.0% (117)	1,664
Knowledge of environmental regulations	6.7% (111)	31.6% (526)	**47.5% (791)**	14.2% (236)	1,664
Knowledge of geomorphology	22.2% (369)	**45.0% (749)**	27.5% (457)	5.3% (89)	1,664
Knowledge of Global Positioning System (GPS)	14.5% (241)	**42.1% (700)**	34.0% (565)	9.5% (158)	1,664
Knowledge of mutual aid agreements	**37.7% (628)**	37.0% (615)	21.0% (350)	4.3% (71)	1,664
Knowledge of development standards	9.6% (160)	21.3% (354)	**48.1% (800)**	21.0% (350)	1,664
Knowledge of dam break & inundation	20.0% (332)	30.3% (505)	**36.1% (600)**	13.6% (227)	1,664
Knowledge of natural & beneficial functions of floodplains	5.2% (87)	15.8% (263)	**49.8% (829)**	29.1% (485)	1,664
Knowledge of hydrology/hydraulics concepts	2.5% (41)	14.5% (242)	**41.6% (692)**	41.4% (689)	1,664
Knowledge of nonstructural/structural flood-proofing methodologies	8.2% (136)	22.9% (381)	**49.7% (827)**	19.2% (320)	1,664

Knowledge of community/state/federal resources	5.0% (84)	26.3% (438)	**51.3% (854)**	17.3% (288)	1,664
Skill in conflict resolution	7.4% (123)	22.1% (368)	**46.5% (773)**	24.0% (400)	1,664
Skill in public speaking	7.1% (118)	25.7% (428)	**47.5% (790)**	19.7% (328)	1,664
Skill in time management	3.1% (52)	16.6% (276)	**51.7% (861)**	28.5% (475)	1,664
Skill in multitasking	3.4% (57)	15.7% (262)	**46.9% (780)**	34.0% (565)	1,664
Skill in problem solving	1.0% (17)	6.6% (110)	43.8% (729)	**48.6% (808)**	1,664
Skill in facilitation	4.0% (67)	24.1% (401)	**53.4% (888)**	18.5% (308)	1,664
Skill in leadership	3.1% (51)	18.8% (312)	**50.7% (844)**	27.5% (457)	1,664
Skill in organization	1.7% (28)	11.4% (190)	**53.6% (892)**	33.3% (554)	1,664
Skill in computer software	1.3% (21)	16.3% (272)	**51.6% (858)**	30.8% (513)	1,664
Skill in customer service	2.8% (46)	13.5% (224)	**42.4% (706)**	41.3% (688)	1,664
Skill in map reading	0.9% (15)	3.6% (60)	33.5% (557)	**62.0% (1,032)**	1,664
Skill in communication (written, verbal, listening)	0.8% (13)	3.6% (60)	40.9% (681)	**54.7% (910)**	1,664
Skill in dealing with difficult people	1.4% (23)	13.7% (228)	**44.1% (734)**	40.8% (679)	1,664

Familiarity?

	Not Familiar	Minimally Familiar	Somewhat Familiar	Familiar	Very Familiar	Response Count
Knowledge of National Flood Insurance Program (NFIP)	0.4% (7)	2.5% (42)	13.7% (228)	**47.0% (782)**	36.4% (605)	1,664

Knowledge of basic mathematics/statistics	0.6% (10)	2.0% (34)	8.9% (148)	36.7% (611)	**51.7% (861)**	1,664
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	3.7% (62)	11.3% (188)	24.9% (415)	**34.9% (581)**	25.1% (418)	1,664
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	5.3% (89)	11.0% (183)	24.5% (407)	**37.1% (618)**	22.1% (367)	1,664
Knowledge of Coastal Barrier Resource Area (COBRA) zones	**30.7% (511)**	25.4% (422)	20.3% (337)	17.0% (283)	6.7% (111)	1,664
Knowledge of Geographic Information System (GIS)	2.3% (38)	10.8% (180)	22.6% (376)	**32.6% (542)**	31.7% (528)	1,664
Knowledge of permitting process	6.0% (100)	8.5% (141)	15.8% (263)	32.7% (544)	**37.0% (616)**	1,664
Knowledge of building codes	12.5% (208)	21.4% (356)	**27.5% (457)**	24.8% (413)	13.8% (230)	1,664
Knowledge of floodplain mapping	0.8% (14)	1.9% (32)	8.5% (141)	33.6% (559)	**55.2% (918)**	1,664
Knowledge of construction techniques	9.9% (165)	15.0% (250)	27.1% (451)	**30.4% (506)**	17.5% (292)	1,664
Knowledge of grant opportunities	**28.2% (469)**	27.8% (463)	21.9% (364)	15.3% (255)	6.8% (113)	1,664
Knowledge of other agency or department regulations	7.9% (131)	19.9% (331)	**34.2% (569)**	31.3% (521)	6.7% (112)	1,664
Knowledge of planning/zoning concepts	6.7% (112)	15.0% (250)	27.0% (449)	**30.3% (504)**	21.0% (349)	1,664
Knowledge of Incident Command Structure (ICS)	**39.1% (651)**	20.1% (335)	15.0% (249)	17.7% (294)	8.1% (135)	1,664

Knowledge of environmental regulations	6.4% (106)	17.5% (291)	31.7% (527)	**32.5% (541)**	12.0% (199)	1,664
Knowledge of geomorphology	**27.9% (464)**	21.4% (356)	25.5% (425)	19.1% (317)	6.1% (102)	1,664
Knowledge of Global Positioning System (GPS)	7.3% (122)	15.8% (263)	30.4% (506)	**31.9% (531)**	14.5% (242)	1,664
Knowledge of mutual aid agreements	**44.5% (740)**	22.4% (373)	18.8% (313)	11.1% (185)	3.2% (53)	1,664
Knowledge of development standards	10.2% (169)	13.9% (231)	19.9% (331)	**34.9% (581)**	21.2% (352)	1,664
Knowledge of dam break & inundation	**26.0% (432)**	22.9% (381)	23.3% (388)	20.6% (342)	7.3% (121)	1,664
Knowledge of natural & beneficial functions of floodplains	2.9% (48)	5.2% (86)	18.8% (313)	**42.3% (704)**	30.8% (513)	1,664
Knowledge of hydrology/hydraulics concepts	3.2% (53)	8.4% (139)	18.6% (310)	29.6% (492)	**40.3% (670)**	1,664
Knowledge of nonstructural/structural flood-proofing methodologies	5.0% (83)	14.3% (238)	28.4% (473)	**37.1% (618)**	15.1% (252)	1,664
Knowledge of community/state/federal resources	5.6% (93)	16.2% (270)	31.5% (524)	**36.4% (606)**	10.3% (171)	1,664
Skill in conflict resolution	5.0% (84)	9.6% (160)	24.7% (411)	**40.9% (681)**	19.7% (328)	1,664
Skill in public speaking	3.2% (54)	8.0% (133)	19.8% (330)	**44.4% (738)**	24.6% (409)	1,664
Skill in time management	0.8% (13)	3.1% (51)	13.6% (227)	**51.6% (859)**	30.9% (514)	1,664
Skill in multitasking	0.9% (15)	2.5% (41)	10.8% (179)	**45.9% (764)**	40.0% (665)	1,664

Skill in problem solving	0.4% (6)	0.9% (15)	6.8% (113)	43.9% (731)	**48.0% (799)**	1,664
Skill in facilitation	2.5% (41)	8.0% (133)	23.6% (392)	**44.5% (740)**	21.5% (358)	1,664
Skill in leadership	1.1% (18)	3.1% (52)	17.8% (296)	**50.0% (832)**	28.0% (466)	1,664
Skill in organization	0.5% (8)	2.6% (43)	13.3% (222)	**48.8% (812)**	34.8% (579)	1,664
Skill in computer software	0.5% (8)	3.5% (59)	12.7% (211)	**45.7% (760)**	37.6% (626)	1,664
Skill in customer service	1.2% (20)	3.1% (51)	11.0% (183)	39.8% (662)	**45.0% (748)**	1,664
Skill in map reading	0.2% (3)	0.6% (10)	2.9% (48)	27.3% (455)	**69.0% (1,148)**	1,664
Skill in communication (written, verbal, listening)	0.4% (6)	0.4% (6)	4.9% (82)	39.3% (654)	**55.0% (916)**	1,664
Skill in dealing with difficult people	0.8% (13)	3.7% (62)	13.9% (232)	39.2% (653)	**42.3% (704)**	1,664

ADDITIONAL KNOWLEDGE OR SKILL (WRITE IN & INCLUDE RATINGS OF IMPORTANCE AND YOUR FAMILIARITY)	49

answered question	**1,664**
skipped question	**0**

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)	3.5%	58
Disagree (2)	0.7%	11
Somewhat disagree (3)	1.3%	21
Somewhat agree (4)	14.7%	244
Agree (5)	**55.7%**	**927**
Strongly agree (6)	24.2%	403
	answered question	**1,664**
	skipped question	**0**

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

	Response Count
	157
	answered question	**157**
	skipped question	**1,507**

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	3.5%	55
$20,000 - $30,000 / year	1.6%	25
$31,000 - $40,000 / year	6.9%	107
$41,000 - $50,000 / year	12.6%	195
$51,000 - $60,000 / year	**17.7%**	**274**
$61,000 - $70,000 / year	16.6%	257
$71,000 - $80,000 / year	14.8%	230
$81,000 - $90,000 / year	9.2%	142
$91,000 - $100,000 / year	6.6%	103
More than $100,000 / year	10.5%	163
	answered question	**1,551**
	skipped question	**113**

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%	1,384
answered question		1,384
skipped question		280