CFM® Validation Survey

1. Your name and contact information:

		Response Percent	Response Count
Full Name (required for CECs and Membership drawing)		**100.0%**	**189**
Email address (required for CECs and Membership drawing)		**100.0%**	**189**
OR Phone Number (required for CECs and Membership drawing)		67.7%	128
		answered question	**189**
		skipped question	**8**

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®	95.4%	188
YES, I have held the CFM® in the past	2.0%	4
NO, I do not hold the CFM®	2.5%	5
answered question		197
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	22.2%	2
Somewhat Unlikely	33.3%	3
Somewhat Likely	22.2%	2
Very Likely	22.2%	2
answered question		9
skipped question		188

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%**	**84**
Cert / License 2		29.8%	25
Cert / License 3		16.7%	14
Cert / License 4		4.8%	4
		answered question	84
		skipped question	113

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

		Response Percent	Response Count
Not Applicable		3.6%	7
1-10%		6.6%	13
11-20%		7.6%	15
21-30%		8.1%	16
31-40%		4.1%	8
41-50%		4.1%	8
51-60%		3.6%	7
61-70%		4.6%	9
71-80%		9.1%	18
81-90%		15.2%	30
91-100%		**33.5%**	**66**
		answered question	197
		skipped question	0

6. What is your highest earned degree?

		Response Percent	Response Count
No Degree		0.5%	1
High School or Equivalent		5.1%	10
Associates		5.6%	11
Bachelors		**47.7%**	**94**
Masters		38.1%	75
Doctorate		3.0%	6
		answered question	**197**
		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		4.6%	9
2-5 years		**45.7%**	**90**
6-10 years		16.8%	33
11-15 years		15.7%	31
16-20 years		7.1%	14
21-25 years		4.1%	8
26-30 years		2.0%	4
31+ years		4.1%	8
		answered question	197
		skipped question	0

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

		Response Percent	Response Count
Not Applicable		0.5%	1
Retired		0.5%	1
1 year or less		13.2%	26
2-5 years		**59.9%**	**118**
6-10 years		16.2%	32
11-15 years		4.6%	9
16-20 years		3.6%	7
21-25 years		0.5%	1
26-30 years		1.0%	2
31+ years		0.0%	0
	answered question		197
	skipped question		0

9. My current work organization is

		Response Percent	Response Count
Not Applicable		3.0%	6
Public sector		**64.0%**	**126**
Private sector		33.0%	65
		answered question	197
		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)		0.0%	0
State level		0.0%	0
Multi-state / regional level		0.0%	0
Federal level		**100.0%**	**197**
Private organization		0.0%	0
Other (nonprofit, academia, etc.)		0.0%	0
		answered question	**197**
		skipped question	**0**

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

		Response Percent	Response Count
Not Applicable		3.6%	7
International		1.5%	3
AL		0.0%	0
AK		0.0%	0
AZ		2.5%	5
AR		0.0%	0
CA		3.6%	7
CO		3.0%	6
CT		0.0%	0
DE		0.0%	0
DC (District of Columbia)		6.1%	12
FL		1.5%	3
GA		9.1%	18
HI		0.0%	0
ID		0.0%	0
IL		4.1%	8

IN		0.0%	0
IA		0.0%	0
KS		0.0%	0
KY		0.5%	1
LA		7.1%	14
ME		0.0%	0
MD		4.1%	8
MA		4.6%	9
MI		0.5%	1
MN		0.0%	0
MS		2.5%	5
MO		2.0%	4
MT		0.0%	0
NE		2.0%	4
NV		0.0%	0
NH		0.0%	0
NJ		0.5%	1
NM		1.5%	3
NY		1.5%	3

NC	▭	4.1%	8
ND		0.0%	0
OH	▯	0.5%	1
OK		0.0%	0
OR		0.0%	0
PA	▭	4.1%	8
PR (Puerto Rico)		0.0%	0
RI		0.0%	0
SC	▯	1.0%	2
SD		0.0%	0
TN	▯	1.0%	2
TX	▬▬	**12.7%**	**25**
UT		0.0%	0
VT		0.0%	0
VA	▬	10.7%	21
WA	▭	2.5%	5
WV	▯	1.5%	3
WI		0.0%	0
WY		0.0%	0

	answered question	197
	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)	22.8% (33)	0.7% (1)	19.3% (28)	27.6% (40)	**29.7% (43)**	145
Conduct pre-development meetings (e.g., developers, design professionals, stakeholders) (A02)	**49.7% (72)**	2.8% (4)	16.6% (24)	22.1% (32)	9.0% (13)	145
Process floodplain development permits (A03)	**73.8% (107)**	1.4% (2)	8.3% (12)	8.3% (12)	8.3% (12)	145
Review Elevation Certificates (ECs) (A04)	**44.8% (65)**	3.4% (5)	16.6% (24)	22.1% (32)	13.1% (19)	145
Conduct code compliance inspections (A05)	**66.2% (96)**	2.1% (3)	5.5% (8)	17.2% (25)	9.0% (13)	145
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	**60.0% (87)**	0.0% (0)	8.3% (12)	16.6% (24)	15.2% (22)	145
Conduct site inspections (e.g., pre/post development, compliance) (A07)	**51.0% (74)**	0.7% (1)	16.6% (24)	22.8% (33)	9.0% (13)	145

Task						
Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	54.5% (79)	0.7% (1)	13.1% (19)	19.3% (28)	12.4% (18)	145
Review variance requests (A09)	71.7% (104)	1.4% (2)	5.5% (8)	16.6% (24)	4.8% (7)	145
Develop floodplain ordinances (A10)	68.3% (99)	0.7% (1)	5.5% (8)	12.4% (18)	13.1% (19)	145
Maintain floodplain ordinances (e.g., model, local, state) (A11)	64.1% (93)	1.4% (2)	7.6% (11)	14.5% (21)	12.4% (18)	145
Interpret floodplain ordinances (A12)	34.5% (50)	1.4% (2)	18.6% (27)	24.1% (35)	21.4% (31)	145
Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	60.0% (87)	2.1% (3)	6.2% (9)	19.3% (28)	12.4% (18)	145
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	54.5% (79)	4.1% (6)	12.4% (18)	17.9% (26)	11.0% (16)	145
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	59.3% (86)	0.0% (0)	9.0% (13)	13.8% (20)	17.9% (26)	145
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	74.5% (108)	3.4% (5)	6.9% (10)	11.7% (17)	3.4% (5)	145
Participate in community meetings (A17)	24.1% (35)	1.4% (2)	17.9% (26)	34.5% (50)	22.1% (32)	145

Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	21.4% (31)	0.7% (1)	15.9% (23)	**34.5% (50)**	27.6% (40)	145
Provide technical expertise to policy makers (A19)	20.7% (30)	0.7% (1)	20.0% (29)	**29.7% (43)**	29.0% (42)	145
Update floodplain management executive orders (A20)	**68.3% (99)**	1.4% (2)	5.5% (8)	16.6% (24)	8.3% (12)	145
Reconcile conflicting guidance (A21)	**44.1% (64)**	2.8% (4)	9.0% (13)	26.2% (38)	17.9% (26)	145
Advocate for floodplain-related legislation (A22)	**64.8% (94)**	1.4% (2)	8.3% (12)	13.1% (19)	12.4% (18)	145
Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**73.1% (106)**	2.1% (3)	4.1% (6)	14.5% (21)	6.2% (9)	145
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**32.4% (47)**	3.4% (5)	9.7% (14)	29.7% (43)	24.8% (36)	145
Mentor new floodplain managers (A25)	**32.4% (47)**	1.4% (2)	13.1% (19)	26.2% (38)	26.9% (39)	145

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)	23.4% (34)	**49.0% (71)**	1.4% (2)	4.1% (6)	4.8% (7)	8.3% (12)	9.0% (13)	0.0% (0)	145
Conduct pre-development meetings									

(e.g., developers, design professionals, stakeholders) (A02)	**54.5% (79)**	32.4% (47)	2.1% (3)	4.8% (7)	4.1% (6)	2.1% (3)	0.0% (0)	0.0% (0)	145
Process floodplain development permits (A03)	**85.5% (124)**	11.7% (17)	0.7% (1)	0.0% (0)	0.7% (1)	0.0% (0)	1.4% (2)	0.0% (0)	145
Review Elevation Certificates (ECs) (A04)	**51.0% (74)**	39.3% (57)	0.7% (1)	1.4% (2)	1.4% (2)	0.0% (0)	6.2% (9)	0.0% (0)	145
Conduct code compliance inspections (A05)	**75.2% (109)**	21.4% (31)	0.0% (0)	0.0% (0)	2.8% (4)	0.7% (1)	0.0% (0)	0.0% (0)	145
Participate in Community Assistance Visits (CAVs) & Community Assistance Contacts (CACs) (A06)	**65.5% (95)**	26.9% (39)	1.4% (2)	3.4% (5)	2.8% (4)	0.0% (0)	0.0% (0)	0.0% (0)	145
Conduct site inspections (e.g., pre/post development, compliance) (A07)	**57.2% (83)**	35.9% (52)	2.8% (4)	0.7% (1)	0.7% (1)	2.8% (4)	0.0% (0)	0.0% (0)	145
Maintain permit files & documents (e.g., repetitive loss, Elevation Certificates [ECs], Letters of Map Change [LOMCs]) (A08)	**63.4% (92)**	24.8% (36)	0.0% (0)	0.0% (0)	1.4% (2)	3.4% (5)	5.5% (8)	1.4% (2)	145
Review variance requests (A09)	**78.6% (114)**	18.6% (27)	0.7% (1)	0.0% (0)	0.0% (0)	1.4% (2)	0.7% (1)	0.0% (0)	145
Develop floodplain ordinances (A10)	**75.9% (110)**	20.7% (30)	0.0% (0)	0.7% (1)	0.7% (1)	1.4% (2)	0.7% (1)	0.0% (0)	145
Maintain floodplain ordinances (e.g., model, local, state) (A11)	**73.1% (106)**	17.9% (26)	1.4% (2)	1.4% (2)	2.1% (3)	1.4% (2)	2.8% (4)	0.0% (0)	145
Interpret floodplain ordinances (A12)	36.6% (53)	**45.5% (66)**	0.0% (0)	0.7% (1)	2.8% (4)	7.6% (11)	6.2% (9)	0.7% (1)	145

Activity									Total
Implement higher regulatory standards (e.g., No Adverse Impact [NAI], Community Rating System [CRS], Low Impact Development [LID]) (A13)	**71.7% (104)**	22.8% (33)	0.7% (1)	0.0% (0)	1.4% (2)	2.1% (3)	0.7% (1)	0.7% (1)	145
Develop policy/position papers, business plans (e.g., 5-year, short & long term) (A14)	**60.7% (88)**	31.0% (45)	4.1% (6)	1.4% (2)	1.4% (2)	0.0% (0)	1.4% (2)	0.0% (0)	145
Address floodplain ordinance violations (e.g., legal actions, stop work orders, Section 1316 Declaration [1316]) (A15)	**68.3% (99)**	22.1% (32)	0.7% (1)	1.4% (2)	2.8% (4)	2.8% (4)	2.1% (3)	0.0% (0)	145
Complete Federal Emergency Management Agency (FEMA) Biennial Reports (A16)	**87.6% (127)**	10.3% (15)	0.7% (1)	0.0% (0)	1.4% (2)	0.0% (0)	0.0% (0)	0.0% (0)	145
Participate in community meetings (A17)	28.3% (41)	**58.6% (85)**	0.7% (1)	4.1% (6)	5.5% (8)	2.1% (3)	0.7% (1)	0.0% (0)	145
Coordinate floodplain activities with other agencies (e.g., federal, state, nonprofit) (A18)	24.8% (36)	**55.2% (80)**	0.7% (1)	0.7% (1)	5.5% (8)	6.9% (10)	6.2% (9)	0.0% (0)	145
Provide technical expertise to policy makers (A19)	24.1% (35)	**57.2% (83)**	2.8% (4)	1.4% (2)	2.1% (3)	6.9% (10)	4.1% (6)	1.4% (2)	145
Update floodplain management executive orders (A20)	**80.7% (117)**	17.2% (25)	0.0% (0)	0.0% (0)	0.7% (1)	0.7% (1)	0.7% (1)	0.0% (0)	145
Reconcile conflicting guidance (A21)	**49.7% (72)**	42.1% (61)	2.1% (3)	0.0% (0)	1.4% (2)	2.8% (4)	2.1% (3)	0.0% (0)	145
Advocate for floodplain-related legislation (A22)	**71.0% (103)**	24.8% (36)	2.1% (3)	0.0% (0)	2.1% (3)	0.0% (0)	0.0% (0)	0.0% (0)	145

Develop funding mechanisms (e.g., storm water utilities, grants, special funding) (A23)	**83.4% (121)**	11.0% (16)	0.7% (1)	0.0% (0)	0.7% (1)	1.4% (2)	2.8% (4)	0.0% (0)	145
Populate program databases (e.g., Community Information System [CIS], Mapping Information Platform [MIP]) (A24)	**37.9% (55)**	30.3% (44)	0.0% (0)	2.1% (3)	6.2% (9)	7.6% (11)	13.1% (19)	2.8% (4)	145
Mentor new floodplain managers (A25)	35.2% (51)	**47.6% (69)**	2.1% (3)	2.8% (4)	2.8% (4)	3.4% (5)	5.5% (8)	0.7% (1)	145

ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	26

answered question	**145**
skipped question	**52**

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)	**33.1% (48)**	2.1% (3)	11.7% (17)	27.6% (40)	25.5% (37)	145
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**41.4% (60)**	2.1% (3)	10.3% (15)	27.6% (40)	18.6% (27)	145
Evaluate levee certifications (B03)	**59.3% (86)**	0.7% (1)	8.3% (12)	19.3% (28)	12.4% (18)	145
Identify at-risk properties behind levees (B04)	**43.4% (63)**	2.1% (3)	9.7% (14)	26.2% (38)	18.6% (27)	145
Develop levee breach maps (B05)	**65.5% (95)**	0.7% (1)	3.4% (5)	15.9% (23)	14.5% (21)	145
Develop levee protection zone maps (B06)	**61.4% (89)**	0.7% (1)	5.5% (8)	20.0% (29)	12.4% (18)	145
Evaluate dam & levee safety (B07)	**63.4% (92)**	0.7% (1)	9.0% (13)	12.4% (18)	14.5% (21)	145
Develop watershed master plans (B08)	**62.1% (90)**	1.4% (2)	7.6% (11)	20.0% (29)	9.0% (13)	145
Develop storm water management plans (B09)	**68.3% (99)**	0.7% (1)	6.9% (10)	16.6% (24)	7.6% (11)	145
Develop master drainage plans (B10)	**67.6% (98)**	1.4% (2)	6.9% (10)	17.2% (25)	6.9% (10)	145
Conduct risk modeling (e.g., HAZards United States [HAZUS],						

Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**47.6% (69)**	0.7% (1)	12.4% (18)	22.1% (32)	17.2% (25)	145
Communicate loss estimation models to decision makers (B12)	**61.4% (89)**	2.8% (4)	4.1% (6)	21.4% (31)	10.3% (15)	145
Assist with implementing hazard mitigation plans (B13)	**51.7% (75)**	0.7% (1)	9.7% (14)	26.2% (38)	11.7% (17)	145
Coordinate watershed development across jurisdictional lines (B14)	**63.4% (92)**	0.7% (1)	7.6% (11)	20.0% (29)	8.3% (12)	145
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**51.7% (75)**	0.7% (1)	11.0% (16)	25.5% (37)	11.0% (16)	145
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**54.5% (79)**	0.0% (0)	13.1% (19)	23.4% (34)	9.0% (13)	145
Promote placement & retention of stream & tidal gages (B17)	**65.5% (95)**	1.4% (2)	9.0% (13)	17.9% (26)	6.2% (9)	145
Identify placement location for warning signs (B18)	**75.9% (110)**	3.4% (5)	4.8% (7)	12.4% (18)	3.4% (5)	145

Frequency?

	Not Performed	Performed As Needed	Performed Annually	Performed Quarterly	Performed Monthly	Performed Weekly	Performed Daily	Performed Hourly	Response Count
Document flood events (B01)	37.9% (55)	**54.5% (79)**	3.4% (5)	0.7% (1)	0.7% (1)	2.1% (3)	0.7% (1)	0.0% (0)	145
Collect localized data (e.g., rainfall, streamgage data, historical flooding info.) (B02)	**52.4% (76)**	39.3% (57)	0.0% (0)	2.8% (4)	0.7% (1)	2.1% (3)	2.1% (3)	0.7% (1)	145

Task									Total
Evaluate levee certifications (B03)	**73.1% (106)**	22.1% (32)	2.1% (3)	2.1% (3)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145
Identify at-risk properties behind levees (B04)	**52.4% (76)**	42.8% (62)	0.7% (1)	0.7% (1)	2.8% (4)	0.7% (1)	0.0% (0)	0.0% (0)	145
Develop levee breach maps (B05)	**78.6% (114)**	17.2% (25)	0.7% (1)	0.7% (1)	1.4% (2)	0.7% (1)	0.7% (1)	0.0% (0)	145
Develop levee protection zone maps (B06)	**73.8% (107)**	20.7% (30)	0.7% (1)	0.7% (1)	2.8% (4)	1.4% (2)	0.0% (0)	0.0% (0)	145
Evaluate dam & levee safety (B07)	**75.2% (109)**	20.0% (29)	1.4% (2)	2.1% (3)	1.4% (2)	0.0% (0)	0.0% (0)	0.0% (0)	145
Develop watershed master plans (B08)	**75.2% (109)**	22.1% (32)	2.1% (3)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145
Develop storm water management plans (B09)	**81.4% (118)**	15.9% (23)	0.7% (1)	0.7% (1)	0.7% (1)	0.0% (0)	0.7% (1)	0.0% (0)	145
Develop master drainage plans (B10)	**80.0% (116)**	17.2% (25)	0.7% (1)	1.4% (2)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Conduct risk modeling (e.g., HAZards United States [HAZUS], Flood Impact Assessment [FIA], Flood Damage Assessment [FDA]) (B11)	**54.5% (79)**	35.2% (51)	1.4% (2)	2.8% (4)	0.7% (1)	2.1% (3)	1.4% (2)	2.1% (3)	145
Communicate loss estimation models to decision makers (B12)	**69.0% (100)**	25.5% (37)	2.1% (3)	0.7% (1)	1.4% (2)	1.4% (2)	0.0% (0)	0.0% (0)	145
Assist with implementing hazard mitigation plans (B13)	**59.3% (86)**	36.6% (53)	0.7% (1)	0.7% (1)	1.4% (2)	0.0% (0)	1.4% (2)	0.0% (0)	145

Coordinate watershed development across jurisdictional lines (B14)	**75.2% (109)**	20.0% (29)	2.8% (4)	0.7% (1)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	145
Identify Repetitive Loss (RL) & Severe Repetitive Loss (SRL) areas (B15)	**62.8% (91)**	32.4% (47)	0.7% (1)	2.8% (4)	0.0% (0)	0.7% (1)	0.7% (1)	0.0% (0)	145
Identify unique flooding risks (e.g., ice jams, alluvial fans, tsunamis) (B16)	**63.4% (92)**	34.5% (50)	0.0% (0)	0.7% (1)	0.7% (1)	0.0% (0)	0.7% (1)	0.0% (0)	145
Promote placement & retention of stream & tidal gages (B17)	**79.3% (115)**	19.3% (28)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Identify placement location for warning signs (B18)	**88.3% (128)**	11.0% (16)	0.0% (0)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	145

ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	14
answered question	**145**
skipped question	**52**

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)	**35.9% (52)**	2.1% (3)	10.3% (15)	31.0% (45)	20.7% (30)	145
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	**46.2% (67)**	2.1% (3)	14.5% (21)	22.8% (33)	14.5% (21)	145
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	**36.6% (53)**	4.1% (6)	21.4% (31)	30.3% (44)	7.6% (11)	145
Promote flood awareness week/month (C04)	**50.3% (73)**	2.8% (4)	14.5% (21)	27.6% (40)	4.8% (7)	145
Prepare media press releases (C05)	**57.9% (84)**	2.1% (3)	11.7% (17)	21.4% (31)	6.9% (10)	145
Participate in media interviews (C06)	**55.9% (81)**	3.4% (5)	9.7% (14)	23.4% (34)	7.6% (11)	145
Publish outreach brochures & handouts (C07)	**54.5% (79)**	1.4% (2)	12.4% (18)	24.1% (35)	7.6% (11)	145
Distribute outreach brochures & handouts (C08)	**33.8% (49)**	4.1% (6)	15.2% (22)	**33.8% (49)**	13.1% (19)	145

Assist with website development (C09)	**56.6% (82)**	1.4% (2)	14.5% (21)	23.4% (34)	4.1% (6)	145
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**46.2% (67)**	2.1% (3)	10.3% (15)	26.2% (38)	15.2% (22)	145
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	**35.9% (52)**	2.1% (3)	9.7% (14)	28.3% (41)	24.1% (35)	145
Organize state & regional conferences (C12)	**60.0% (87)**	2.1% (3)	9.0% (13)	20.7% (30)	8.3% (12)	145
Conduct training workshops & seminars (C13)	35.2% (51)	1.4% (2)	10.3% (15)	**35.9% (52)**	17.2% (25)	145
Publish floodplain management newsletters (C14)	**75.9% (110)**	0.7% (1)	8.3% (12)	12.4% (18)	2.8% (4)	145
Provide education & training to local policy makers (C15)	**47.6% (69)**	1.4% (2)	6.2% (9)	28.3% (41)	16.6% (24)	145
Provide outreach at trade shows & conferences (C16)	**40.0% (58)**	2.8% (4)	12.4% (18)	37.2% (54)	7.6% (11)	145
Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**60.0% (87)**	1.4% (2)	12.4% (18)	24.8% (36)	1.4% (2)	145
Provide public service announcements (C18)	**69.7% (101)**	0.7% (1)	6.2% (9)	20.0% (29)	3.4% (5)	145

Demonstrate interactive floodplain & watershed models (C19)	**61.4% (89)**	2.1% (3)	9.7% (14)	22.1% (32)	4.8% (7)	145
Promote placement of historical high water markers (C20)	**60.0% (87)**	0.7% (1)	13.1% (19)	17.9% (26)	8.3% (12)	145
Develop risk notification tools (e.g., letters, website, maps) (C21)	**49.0% (71)**	0.0% (0)	9.0% (13)	29.0% (42)	13.1% (19)	145
Promote non-structural floodproofing methods (C22)	**49.0% (71)**	1.4% (2)	11.0% (16)	27.6% (40)	11.0% (16)	145

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)	42.8% (62)	**44.1% (64)**	2.1% (3)	0.7% (1)	0.7% (1)	2.8% (4)	5.5% (8)	1.4% (2)	145
Promote Best Management Practices (BMPs) for Low Impact Development (LID) & green infrastructure (C02)	**56.6% (82)**	36.6% (53)	1.4% (2)	2.8% (4)	0.7% (1)	0.7% (1)	0.7% (1)	0.7% (1)	145
Participate in community events (e.g., Earth Day, Rotary, open house) (C03)	45.5% (66)	**47.6% (69)**	1.4% (2)	2.8% (4)	2.1% (3)	0.7% (1)	0.0% (0)	0.0% (0)	145
Promote flood awareness week/month (C04)	**58.6% (85)**	33.8% (49)	4.8% (7)	0.7% (1)	2.1% (3)	0.0% (0)	0.0% (0)	0.0% (0)	145
Prepare media press releases (C05)	**66.9% (97)**	29.7% (43)	0.7% (1)	1.4% (2)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	145

Activity									Total
Participate in media interviews (C06)	**65.5% (95)**	33.1% (48)	0.0% (0)	0.0% (0)	0.0% (0)	1.4% (2)	0.0% (0)	0.0% (0)	145
Publish outreach brochures & handouts (C07)	**62.1% (90)**	32.4% (47)	1.4% (2)	2.8% (4)	1.4% (2)	0.0% (0)	0.0% (0)	0.0% (0)	145
Distribute outreach brochures & handouts (C08)	40.7% (59)	**48.3% (70)**	2.1% (3)	1.4% (2)	4.1% (6)	2.8% (4)	0.7% (1)	0.0% (0)	145
Assist with website development (C09)	**70.3% (102)**	24.1% (35)	1.4% (2)	1.4% (2)	1.4% (2)	0.0% (0)	1.4% (2)	0.0% (0)	145
Develop outreach partnerships with other agencies or departments (e.g., National Oceanic and Atmospheric Administration [NOAA], utility mailouts, watershed councils) (C10)	**55.2% (80)**	37.2% (54)	1.4% (2)	2.8% (4)	2.1% (3)	0.7% (1)	0.7% (1)	0.0% (0)	145
Provide training to other professional groups (e.g., engineers, surveyors, realtors) (C11)	39.3% (57)	**49.7% (72)**	2.1% (3)	6.9% (10)	0.7% (1)	0.0% (0)	0.7% (1)	0.7% (1)	145
Organize state & regional conferences (C12)	**72.4% (105)**	17.9% (26)	7.6% (11)	2.1% (3)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Conduct training workshops & seminars (C13)	42.8% (62)	**44.1% (64)**	6.2% (9)	5.5% (8)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	145
Publish floodplain management newsletters (C14)	**89.7% (130)**	6.2% (9)	1.4% (2)	2.8% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Provide education & training to local policy makers (C15)	**55.2% (80)**	37.9% (55)	2.8% (4)	0.7% (1)	1.4% (2)	1.4% (2)	0.7% (1)	0.0% (0)	145
Provide outreach at trade shows & conferences (C16)	**50.3% (73)**	40.0% (58)	6.2% (9)	2.1% (3)	1.4% (2)	0.0% (0)	0.0% (0)	0.0% (0)	145

Provide outreach to schools (e.g., presentations, poster contests, scholarships) (C17)	**72.4% (105)**	24.8% (36)	2.1% (3)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145
Provide public service announcements (C18)	**80.7% (117)**	17.9% (26)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Demonstrate interactive floodplain & watershed models (C19)	**73.8% (107)**	20.7% (30)	1.4% (2)	2.1% (3)	0.7% (1)	0.7% (1)	0.7% (1)	0.0% (0)	145
Promote placement of historical high water markers (C20)	**73.8% (107)**	22.8% (33)	2.8% (4)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Develop risk notification tools (e.g., letters, website, maps) (C21)	**57.9% (84)**	29.0% (42)	3.4% (5)	0.7% (1)	2.8% (4)	0.7% (1)	4.8% (7)	0.7% (1)	145
Promote non-structural floodproofing methods (C22)	**56.6% (82)**	35.2% (51)	1.4% (2)	0.7% (1)	2.1% (3)	2.1% (3)	1.4% (2)	0.7% (1)	145

ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	5

answered question	**145**
skipped question	**52**

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)	16.6% (24)	0.0% (0)	6.2% (9)	31.0% (45)	**46.2% (67)**	145
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	29.0% (42)	0.0% (0)	6.2% (9)	**33.1% (48)**	31.7% (46)	145
Assist in resolution of flood insurance problems (D03)	**48.3% (70)**	1.4% (2)	7.6% (11)	23.4% (34)	19.3% (28)	145
Document flooding complaints (D04)	**51.7% (75)**	1.4% (2)	9.0% (13)	26.2% (38)	11.7% (17)	145
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	**55.2% (80)**	1.4% (2)	11.0% (16)	22.8% (33)	9.7% (14)	145
Provide substantial damage letters for Increased Cost of Compliance (ICC) (D06)	**77.9% (113)**	0.7% (1)	3.4% (5)	8.3% (12)	9.7% (14)	145
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	24.8% (36)	0.7% (1)	9.0% (13)	30.3% (44)	**35.2% (51)**	145

Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	28.3% (41)	1.4% (2)	22.1% (32)	**33.1% (48)**	15.2% (22)	145
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	24.8% (36)	2.1% (3)	7.6% (11)	32.4% (47)	**33.1% (48)**	145

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)	17.9% (26)	**40.0% (58)**	0.7% (1)	0.7% (1)	7.6% (11)	8.3% (12)	20.0% (29)	4.8% (7)	145
Provide general technical assistance to customers (e.g., construction techniques, site-specific risk assessments, insurance information) (D02)	31.7% (46)	**43.4% (63)**	0.0% (0)	0.7% (1)	2.8% (4)	3.4% (5)	15.2% (22)	2.8% (4)	145
Assist in resolution of flood insurance problems (D03)	**51.7% (75)**	30.3% (44)	0.0% (0)	1.4% (2)	3.4% (5)	3.4% (5)	8.3% (12)	1.4% (2)	145
Document flooding complaints (D04)	**59.3% (86)**	32.4% (47)	0.0% (0)	1.4% (2)	2.1% (3)	3.4% (5)	0.7% (1)	0.7% (1)	145
Provide copies of documents (e.g., Elevation Certificates [EC]s, forms, certificates) (D05)	**61.4% (89)**	27.6% (40)	0.7% (1)	0.7% (1)	3.4% (5)	4.8% (7)	0.7% (1)	0.7% (1)	145
Provide substantial damage letters for Increased Cost of Compliance	**90.3%**	7.6% (11)	0.7% (1)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145

(ICC) (D06)	(...)								
Provide program information (e.g., National Flood Insurance Program [NFIP], Community Rating System [CRS], Hazard Mitigation Grant Program [HMGP]) (D07)	28.3% (41)	**47.6% (69)**	1.4% (2)	0.0% (0)	1.4% (2)	6.2% (9)	12.4% (18)	2.8% (4)	145
Refer customers to other agencies/resources (e.g., websites, contractors, United States Army Corps of Engineers [USACE]) (D08)	31.7% (46)	**51.7% (75)**	2.1% (3)	1.4% (2)	2.8% (4)	2.8% (4)	6.2% (9)	1.4% (2)	145
Explain processes to customers (e.g., regulations, Letters of Map Change [LOMCs], permits) (D09)	28.3% (41)	**46.9% (68)**	0.0% (0)	2.8% (4)	1.4% (2)	8.3% (12)	11.0% (16)	1.4% (2)	145

ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	3

answered question	**145**
skipped question	**52**

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)	**38.6% (56)**	0.7% (1)	11.0% (16)	26.9% (39)	22.8% (33)	145
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	31.7% (46)	0.7% (1)	5.5% (8)	**33.8% (49)**	28.3% (41)	145
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	27.6% (40)	0.7% (1)	6.2% (9)	**33.8% (49)**	31.7% (46)	145
Develop future conditions floodplain maps (E04)	**46.9% (68)**	1.4% (2)	9.7% (14)	24.8% (36)	17.2% (25)	145
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	26.2% (38)	0.7% (1)	10.3% (15)	**34.5% (50)**	28.3% (41)	145
Map repetitive loss areas (E06)	**57.2% (83)**	3.4% (5)	10.3% (15)	20.0% (29)	9.0% (13)	145
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	22.8% (33)	0.7% (1)	6.2% (9)	31.7% (46)	**38.6% (56)**	145
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	**33.1% (48)**	1.4% (2)	9.0% (13)	29.7% (43)	26.9% (39)	145
Generate flood hazard maps (E09)	**37.2% (54)**	0.0% (0)	4.1% (6)	23.4% (34)	35.2% (51)	145

Utilize Geographic Information Systems (GIS) (E10)	15.2% (22)	0.0% (0)	11.0% (16)	30.3% (44)	**43.4% (63)**	145

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)	**48.3% (70)**	31.0% (45)	0.0% (0)	2.8% (4)	2.1% (3)	3.4% (5)	10.3% (15)	2.1% (3)	145
Maintain maps, Flood Insurance Studies (FISs) & other supporting data (E02)	**37.9% (55)**	26.2% (38)	0.7% (1)	0.0% (0)	3.4% (5)	10.3% (15)	15.9% (23)	5.5% (8)	145
Support Hydrologic and Hydraulic (H&H) analyses for riverine, coastal, & other areas (E03)	**36.6% (53)**	34.5% (50)	1.4% (2)	0.0% (0)	3.4% (5)	4.1% (6)	15.9% (23)	4.1% (6)	145
Develop future conditions floodplain maps (E04)	**59.3% (86)**	26.2% (38)	2.8% (4)	0.7% (1)	2.1% (3)	2.8% (4)	4.8% (7)	1.4% (2)	145
Determine best available data (e.g., topography, Hydrologic and Hydraulic [H&H], historical) (E05)	33.1% (48)	**42.8% (62)**	0.0% (0)	0.7% (1)	4.8% (7)	6.2% (9)	10.3% (15)	2.1% (3)	145
Map repetitive loss areas (E06)	**69.7% (101)**	26.9% (39)	0.7% (1)	2.1% (3)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145
Support flood risk mapping (e.g., MapMod, RiskMap) (E07)	29.7% (43)	**33.8% (49)**	0.7% (1)	0.7% (1)	3.4% (5)	4.1% (6)	20.0% (29)	7.6% (11)	145
Support community coordination during flood risk mapping process (e.g., MapMod, RiskMap) (E08)	41.4% (60)	**42.1% (61)**	0.7% (1)	1.4% (2)	4.1% (6)	4.8% (7)	4.8% (7)	0.7% (1)	145

Generate flood hazard maps (E09)	**47.6% (69)**	23.4% (34)	0.0% (0)	1.4% (2)	4.1% (6)	6.2% (9)	11.0% (16)	6.2% (9)	145
Utilize Geographic Information Systems (GIS) (E10)	19.3% (28)	**37.9% (55)**	0.7% (1)	1.4% (2)	2.8% (4)	8.3% (12)	13.8% (20)	15.9% (23)	145

ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	8

answered question	**145**
skipped question	**52**

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)	**71.7% (104)**	0.7% (1)	4.8% (7)	14.5% (21)	8.3% (12)	145
Develop flood warning systems (F02)	**64.1% (93)**	1.4% (2)	6.2% (9)	16.6% (24)	11.7% (17)	145
Pursue mitigation & planning grants/funding (F03)	**68.3% (99)**	0.0% (0)	5.5% (8)	15.2% (22)	11.0% (16)	145
Promote No Adverse Impact (NAI) (F04)	**55.2% (80)**	1.4% (2)	6.9% (10)	24.8% (36)	11.7% (17)	145
Participate in local emergency planning (F05)	**61.4% (89)**	0.0% (0)	6.9% (10)	20.7% (30)	11.0% (16)	145
Implement hazard mitigation plans (F06)	**66.2% (96)**	0.7% (1)	3.4% (5)	20.0% (29)	9.7% (14)	145
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	**55.2% (80)**	0.0% (0)	4.1% (6)	20.7% (30)	20.0% (29)	145
Coordinate flood mitigation programs with other agencies (F08)	**49.0% (71)**	2.1% (3)	8.3% (12)	28.3% (41)	12.4% (18)	145
Assist with emergency Action, Evacuation, & Response plans	**61.4% (89)**	0.7% (1)	9.0% (13)	18.6% (27)	10.3% (15)	145

(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)	**84.1% (122)**	10.3% (15)	0.0% (0)	2.8% (4)	1.4% (2)	0.0% (0)	1.4% (2)	0.0% (0)	145
Develop flood warning systems (F02)	**77.2% (112)**	21.4% (31)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Pursue mitigation & planning grants/funding (F03)	**79.3% (115)**	15.9% (23)	0.7% (1)	0.7% (1)	0.0% (0)	0.7% (1)	2.1% (3)	0.7% (1)	145
Promote No Adverse Impact (NAI) (F04)	**64.8% (94)**	29.7% (43)	0.0% (0)	1.4% (2)	2.8% (4)	0.7% (1)	0.7% (1)	0.0% (0)	145
Participate in local emergency planning (F05)	**70.3% (102)**	26.9% (39)	0.7% (1)	0.0% (0)	1.4% (2)	0.7% (1)	0.0% (0)	0.0% (0)	145
Implement hazard mitigation plans (F06)	**79.3% (115)**	17.9% (26)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	1.4% (2)	0.0% (0)	145
Coordinate with local emergency responders (e.g., Urban Search and Rescue [USAR], police/fire, Emergency Management Agency [EMA] directors) (F07)	**63.4% (92)**	31.0% (45)	0.7% (1)	1.4% (2)	1.4% (2)	0.7% (1)	1.4% (2)	0.0% (0)	145
Coordinate flood mitigation programs with other agencies (F08)	**57.2% (83)**	37.2% (54)	1.4% (2)	1.4% (2)	0.7% (1)	0.7% (1)	1.4% (2)	0.0% (0)	145
Assist with emergency Action, Evacuation, & Response plans (F09)	**70.3% (102)**	26.2% (38)	2.1% (3)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	145

	answered question	145
	skipped question	52

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)	75.2% (109)	0.7% (1)	3.4% (5)	11.7% (17)	9.0% (13)	145
Coordinate with Incident Command Structure (ICS) (G02)	58.6% (85)	0.7% (1)	6.2% (9)	22.1% (32)	12.4% (18)	145
Participate in preliminary damage assessments (G03)	49.7% (72)	0.7% (1)	11.7% (17)	24.8% (36)	13.1% (19)	145
Document extent of flooding & other disasters (G04)	40.7% (59)	0.7% (1)	9.7% (14)	27.6% (40)	21.4% (31)	145
Identify frequency of flood event (G05)	44.8% (65)	1.4% (2)	12.4% (18)	25.5% (37)	15.9% (23)	145
Conduct damage assessment surveys (G06)	54.5% (79)	2.1% (3)	6.9% (10)	24.1% (35)	12.4% (18)	145
Assess substantial improvements/damages (G07)	64.8% (94)	1.4% (2)	4.1% (6)	15.9% (23)	13.8% (20)	145

Implement disaster recovery/debris management plans (G08)	**72.4% (105)**	0.7% (1)	4.8% (7)	13.1% (19)	9.0% (13)	145
Assess rebuilding requirements based on event (G09)	**69.0% (100)**	0.7% (1)	5.5% (8)	17.2% (25)	7.6% (11)	145
Collect other agencies' damage data (G10)	**59.3% (86)**	0.0% (0)	14.5% (21)	22.8% (33)	3.4% (5)	145
Communicate damages to decision makers (G11)	**51.7% (75)**	0.7% (1)	5.5% (8)	24.8% (36)	17.2% (25)	145
Solicit assistance from others (e.g., Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**74.5% (108)**	1.4% (2)	8.3% (12)	10.3% (15)	5.5% (8)	145
Rectify compliance issues (G13)	**66.9% (97)**	0.7% (1)	4.1% (6)	13.8% (20)	14.5% (21)	145
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)	**64.1% (93)**	0.0% (0)	6.9% (10)	15.9% (23)	13.1% (19)	145
Document Federal and State response recovery grants and loans (G15)	**73.8% (107)**	0.7% (1)	6.9% (10)	13.1% (19)	5.5% (8)	145

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)	**84.1% (122)**	14.5% (21)	0.0% (0)	0.0% (0)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	145
Coordinate with Incident Command Structure (ICS) (G02)	**66.9% (97)**	29.7% (43)	0.7% (1)	0.0% (0)	0.7% (1)	0.0% (0)	2.1% (3)	0.0% (0)	145
Participate in preliminary damage assessments (G03)	**57.2% (83)**	40.0% (58)	0.7% (1)	0.7% (1)	1.4% (2)	0.0% (0)	0.0% (0)	0.0% (0)	145
Document extent of flooding & other disasters (G04)	46.2% (67)	**51.7% (75)**	1.4% (2)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Identify frequency of flood event (G05)	**54.5% (79)**	42.1% (61)	1.4% (2)	0.0% (0)	2.1% (3)	0.0% (0)	0.0% (0)	0.0% (0)	145
Conduct damage assessment surveys (G06)	**63.4% (92)**	35.2% (51)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Assess substantial improvements/damages (G07)	**72.4% (105)**	24.1% (35)	0.7% (1)	1.4% (2)	0.7% (1)	0.0% (0)	0.7% (1)	0.0% (0)	145
Implement disaster recovery/debris management plans (G08)	**80.7% (117)**	18.6% (27)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Assess rebuilding requirements based on event (G09)	**75.2% (109)**	23.4% (34)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Collect other agencies' damage data (G10)	**68.3% (99)**	30.3% (44)	0.0% (0)	0.7% (1)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	145
Communicate damages to decision makers (G11)	**60.0% (87)**	35.9% (52)	0.0% (0)	1.4% (2)	1.4% (2)	0.7% (1)	0.7% (1)	0.0% (0)	145
Solicit assistance from others (e.g.,									

Emergency Management Assistance Compact [EMAC], State Mutual Aid Compact [SMAC], mutual aid) (G12)	**83.4% (121)**	15.2% (22)	0.7% (1)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	145
Rectify compliance issues (G13)	**73.1% (106)**	21.4% (31)	0.0% (0)	2.1% (3)	0.7% (1)	1.4% (2)	1.4% (2)	0.0% (0)	145
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)	**71.7% (104)**	22.1% (32)	0.0% (0)	0.0% (0)	0.7% (1)	0.7% (1)	4.1% (6)	0.7% (1)	145
Document Federal and State response recovery grants and loans (G15)	**83.4% (121)**	13.1% (19)	0.0% (0)	0.0% (0)	0.7% (1)	0.0% (0)	2.1% (3)	0.7% (1)	145

5	ADDITIONAL TASKS (WRITE IN & INCLUDE IMPORTANCE AND FREQUENCY RATINGS)	5

	answered question	**145**
	skipped question	**52**

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	**22.1% (32)**	9.7% (14)	9.7% (14)	11.7% (17)	11.7% (17)	13.8% (20)	21.4% (31)	4.08	145
B. Perform Hazard Identification & Risk Assessment	11.0% (16)	**21.4% (31)**	18.6% (27)	17.2% (25)	13.8% (20)	13.1% (19)	4.8% (7)	3.60	145
C. Perform Outreach Activities	5.5% (8)	16.6% (24)	**22.8% (33)**	15.2% (22)	16.6% (24)	11.7% (17)	11.7% (17)	4.03	145
D. Perform Customer Service Activities	4.1% (6)	**18.6% (27)**	15.9% (23)	15.9% (23)	13.8% (20)	15.2% (22)	16.6% (24)	4.28	145
E. Perform Mapping Activities	**34.5% (50)**	8.3% (12)	11.7% (17)	13.1% (19)	9.7% (14)	10.3% (15)	12.4% (18)	3.36	145
F. Perform Mitigation & Preparedness Activities	11.7% (17)	15.9% (23)	12.4% (18)	14.5% (21)	17.2% (25)	**20.0% (29)**	8.3% (12)	4.03	145
G. Perform Disaster Response & Recovery Activities	11.0% (16)	9.7% (14)	9.0% (13)	12.4% (18)	17.2% (25)	15.9% (23)	**24.8% (36)**	4.62	145
							answered question		145
							skipped question		52

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)	4.8%	7
Disagree (2)	0.7%	1
Somewhat disagree (3)	2.8%	4
Somewhat agree (4)	29.7%	43
Agree (5)	**41.4%**	**60**
Strongly agree (6)	20.7%	30
	answered question	145
	skipped question	52

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)	0.7% (1)	2.8% (4)	6.9% (10)	**29.7% (43)**	14.5% (21)	25.5% (37)	17.9% (26)	1.4% (2)
Task Frequency	0.0% (0)	1.4% (2)	16.6% (24)	24.8% (36)	14.5% (21)	**29.7% (43)**	6.2% (9)	3.4% (5)	2.8% (4)	0.0% (0)
										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% (1)	6.3% (9)	31.9% (46)	**61.1% (88)**	144
Knowledge of basic mathematics/statistics	3.5% (5)	30.6% (44)	**46.5% (67)**	19.4% (28)	144
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	4.2% (6)	13.2% (19)	**47.2% (68)**	35.4% (51)	144
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	3.5% (5)	16.0% (23)	34.7% (50)	**45.8% (66)**	144
Knowledge of Coastal Barrier Resource Area (COBRA) zones	9.7% (14)	36.1% (52)	**39.6% (57)**	14.6% (21)	144
Knowledge of Geographic Information System (GIS)	2.8% (4)	22.9% (33)	**42.4% (61)**	31.9% (46)	144
Knowledge of permitting process	17.4% (25)	24.3% (35)	**41.0% (59)**	17.4% (25)	144
Knowledge of building codes	17.4% (25)	27.8% (40)	**42.4% (61)**	12.5% (18)	144
Knowledge of floodplain mapping	0.7% (1)	5.6% (8)	32.6% (47)	**61.1% (88)**	144
Knowledge of construction techniques	18.1% (26)	27.8% (40)	**47.2% (68)**	6.9% (10)	144

Knowledge of grant opportunities	26.4% (38)	26.4% (38)	**36.1% (52)**	11.1% (16)	144
Knowledge of other agency or department regulations	9.7% (14)	38.9% (56)	**41.7% (60)**	9.7% (14)	144
Knowledge of planning/zoning concepts	13.9% (20)	30.6% (44)	**44.4% (64)**	11.1% (16)	144
Knowledge of Incident Command Structure (ICS)	30.6% (44)	22.9% (33)	**40.3% (58)**	6.3% (9)	144
Knowledge of environmental regulations	13.2% (19)	29.9% (43)	**45.8% (66)**	11.1% (16)	144
Knowledge of geomorphology	20.8% (30)	**46.5% (67)**	28.5% (41)	4.2% (6)	144
Knowledge of Global Positioning System (GPS)	11.1% (16)	**38.9% (56)**	37.5% (54)	12.5% (18)	144
Knowledge of mutual aid agreements	36.8% (53)	**40.3% (58)**	20.1% (29)	2.8% (4)	144
Knowledge of development standards	18.1% (26)	31.3% (45)	**41.0% (59)**	9.7% (14)	144
Knowledge of dam break & inundation	11.8% (17)	**36.8% (53)**	34.7% (50)	16.7% (24)	144
Knowledge of natural & beneficial functions of floodplains	4.9% (7)	13.2% (19)	**50.7% (73)**	31.3% (45)	144
Knowledge of hydrology/hydraulics concepts	1.4% (2)	18.8% (27)	**43.1% (62)**	36.8% (53)	144
Knowledge of nonstructural/structural flood-proofing methodologies	11.8% (17)	22.9% (33)	**44.4% (64)**	20.8% (30)	144

Knowledge of community/state/federal resources	4.2% (6)	24.3% (35)	**50.7% (73)**	20.8% (30)	144
Skill in conflict resolution	7.6% (11)	19.4% (28)	**47.2% (68)**	25.7% (37)	144
Skill in public speaking	7.6% (11)	19.4% (28)	**43.8% (63)**	29.2% (42)	144
Skill in time management	2.8% (4)	8.3% (12)	**59.7% (86)**	29.2% (42)	144
Skill in multitasking	4.2% (6)	12.5% (18)	**45.1% (65)**	38.2% (55)	144
Skill in problem solving	1.4% (2)	3.5% (5)	45.1% (65)	**50.0% (72)**	144
Skill in facilitation	1.4% (2)	19.4% (28)	**57.6% (83)**	21.5% (31)	144
Skill in leadership	2.8% (4)	13.2% (19)	**53.5% (77)**	30.6% (44)	144
Skill in organization	2.1% (3)	8.3% (12)	**54.9% (79)**	34.7% (50)	144
Skill in computer software	1.4% (2)	13.2% (19)	**52.8% (76)**	32.6% (47)	144
Skill in customer service	5.6% (8)	11.1% (16)	**45.1% (65)**	38.2% (55)	144
Skill in map reading	1.4% (2)	2.8% (4)	29.2% (42)	**66.7% (96)**	144
Skill in communication (written, verbal, listening)	0.7% (1)	0.7% (1)	43.1% (62)	**55.6% (80)**	144
Skill in dealing with difficult people	1.4% (2)	9.0% (13)	**50.7% (73)**	38.9% (56)	144

Familiarity?

	Not Familiar	Minimally Familiar	Somewhat Familiar	Familiar	Very Familiar	Response Count
Knowledge of National Flood Insurance Program (NFIP)	0.0% (0)	0.7% (1)	11.8% (17)	35.4% (51)	**52.1% (75)**	144

Knowledge of basic mathematics/statistics	0.7% (1)	3.5% (5)	10.4% (15)	40.3% (58)	**45.1% (65)**	144
Knowledge of Federal Emergency Management Agency (FEMA)/State contacts	2.8% (4)	6.3% (9)	17.4% (25)	33.3% (48)	**40.3% (58)**	144
Knowledge of 44 Code of Federal Regulations (CFR) 60.3	3.5% (5)	6.3% (9)	14.6% (21)	29.9% (43)	**45.8% (66)**	144
Knowledge of Coastal Barrier Resource Area (COBRA) zones	11.1% (16)	16.7% (24)	25.7% (37)	**29.2% (42)**	17.4% (25)	144
Knowledge of Geographic Information System (GIS)	0.0% (0)	13.9% (20)	14.6% (21)	**38.9% (56)**	32.6% (47)	144
Knowledge of permitting process	16.0% (23)	16.7% (24)	25.0% (36)	**28.5% (41)**	13.9% (20)	144
Knowledge of building codes	18.8% (27)	18.8% (27)	**30.6% (44)**	25.7% (37)	6.3% (9)	144
Knowledge of floodplain mapping	0.0% (0)	2.1% (3)	6.3% (9)	22.9% (33)	**68.8% (99)**	144
Knowledge of construction techniques	15.3% (22)	13.9% (20)	27.8% (40)	**33.3% (48)**	9.7% (14)	144
Knowledge of grant opportunities	**27.1% (39)**	20.1% (29)	14.6% (21)	21.5% (31)	16.7% (24)	144
Knowledge of other agency or department regulations	13.2% (19)	18.8% (27)	**33.3% (48)**	30.6% (44)	4.2% (6)	144
Knowledge of planning/zoning concepts	11.1% (16)	20.1% (29)	25.7% (37)	**32.6% (47)**	10.4% (15)	144
Knowledge of Incident Command Structure (ICS)	**33.3% (48)**	15.3% (22)	8.3% (12)	29.9% (43)	13.2% (19)	144

Knowledge of environmental regulations	14.6% (21)	16.7% (24)	26.4% (38)	**31.9% (46)**	10.4% (15)	144
Knowledge of geomorphology	**24.3% (35)**	22.2% (32)	23.6% (34)	23.6% (34)	6.3% (9)	144
Knowledge of Global Positioning System (GPS)	4.2% (6)	7.6% (11)	27.1% (39)	**41.7% (60)**	19.4% (28)	144
Knowledge of mutual aid agreements	**43.8% (63)**	19.4% (28)	20.1% (29)	12.5% (18)	4.2% (6)	144
Knowledge of development standards	19.4% (28)	25.0% (36)	20.8% (30)	**25.7% (37)**	9.0% (13)	144
Knowledge of dam break & inundation	17.4% (25)	24.3% (35)	**28.5% (41)**	22.9% (33)	6.9% (10)	144
Knowledge of natural & beneficial functions of floodplains	2.1% (3)	4.2% (6)	10.4% (15)	**53.5% (77)**	29.9% (43)	144
Knowledge of hydrology/hydraulics concepts	0.7% (1)	4.9% (7)	20.8% (30)	**38.9% (56)**	34.7% (50)	144
Knowledge of nonstructural/structural flood-proofing methodologies	6.9% (10)	11.8% (17)	22.2% (32)	**38.9% (56)**	20.1% (29)	144
Knowledge of community/state/federal resources	3.5% (5)	11.1% (16)	27.8% (40)	**47.2% (68)**	10.4% (15)	144
Skill in conflict resolution	6.3% (9)	6.9% (10)	20.1% (29)	**44.4% (64)**	22.2% (32)	144
Skill in public speaking	2.1% (3)	8.3% (12)	18.1% (26)	**41.7% (60)**	29.9% (43)	144
Skill in time management	0.7% (1)	2.8% (4)	11.8% (17)	**45.8% (66)**	38.9% (56)	144
Skill in multitasking	0.7% (1)	2.1% (3)	7.6% (11)	**46.5% (67)**	43.1% (62)	144

Skill in problem solving	0.0% (0)	0.7% (1)	4.9% (7)	43.1% (62)	**51.4% (74)**	144
Skill in facilitation	1.4% (2)	4.9% (7)	20.1% (29)	**47.9% (69)**	25.7% (37)	144
Skill in leadership	0.7% (1)	2.8% (4)	11.8% (17)	**50.7% (73)**	34.0% (49)	144
Skill in organization	0.0% (0)	0.7% (1)	9.7% (14)	**48.6% (70)**	41.0% (59)	144
Skill in computer software	0.7% (1)	3.5% (5)	9.0% (13)	42.4% (61)	**44.4% (64)**	144
Skill in customer service	2.1% (3)	2.8% (4)	9.0% (13)	39.6% (57)	**46.5% (67)**	144
Skill in map reading	0.0% (0)	0.0% (0)	1.4% (2)	21.5% (31)	**77.1% (111)**	144
Skill in communication (written, verbal, listening)	0.0% (0)	0.0% (0)	3.5% (5)	37.5% (54)	**59.0% (85)**	144
Skill in dealing with difficult people	0.0% (0)	2.8% (4)	12.5% (18)	35.4% (51)	**49.3% (71)**	144

ADDITIONAL KNOWLEDGE OR SKILL (WRITE IN & INCLUDE RATINGS OF IMPORTANCE AND YOUR FAMILIARITY)	2

	answered question	**144**
	skipped question	**53**

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)		2.1%	3
Disagree (2)		0.7%	1
Somewhat disagree (3)		0.7%	1
Somewhat agree (4)		16.0%	23
Agree (5)		**45.8%**	**66**
Strongly agree (6)		34.7%	50
		answered question	144
		skipped question	53

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

	Response Count
	12
answered question	12
skipped question	185

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		3.9%	5
$20,000 - $30,000 / year		0.0%	0
$31,000 - $40,000 / year		2.3%	3
$41,000 - $50,000 / year		11.6%	15
$51,000 - $60,000 / year		9.3%	12
$61,000 - $70,000 / year		**20.2%**	**26**
$71,000 - $80,000 / year		**20.2%**	**26**
$81,000 - $90,000 / year		9.3%	12
$91,000 - $100,000 / year		8.5%	11
More than $100,000 / year		14.7%	19
		answered question	**129**
		skipped question	**68**

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%	115
	answered question		115
	skipped question		82