















CSN Stormwater Professionals Survey Spring 2011 SurveyMonkey






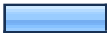



1. I am employed in the: Check the one which best applies

		Response Percent	Response Count
Private sector		40.8%	69
Public sector		44.4%	75
Education sector		4.7%	8
Non-profit sector		7.7%	13
Other		2.4%	4
	Other (please specify)		6
		answered question	169
		skipped question	1

2. In which jurisdiction(s) do you work primarily? Check all that apply

		Response Percent	Response Count
DC		14.8%	25
DE		7.7%	13
MD		40.8%	69
NY		3.0%	5
PA		16.6%	28
VA		52.7%	89
WV		5.3%	9
Baywide		4.1%	7
Other		3.0%	5
	Other (please specify)		7
answered question			169
skipped question			1

3. My primary job responsibility is: Check the one which best applies

		Response Percent	Response Count
Design of Stormwater Practices		28.0%	47
Review of Stormwater Plans		13.1%	22
Construction and/or Project Management		5.4%	9
Inspection and/or Maintenance		6.0%	10
Property Management and/or Environmental Compliance		4.8%	8
Compliance with Municipal Stormwater Permit(s)		14.9%	25
Research and Development		3.6%	6
Watershed or Environmental Advocacy		12.5%	21
Other		11.9%	20
	Other (please specify)		25
		answered question	168
		skipped question	2









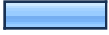
4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

	Response Average	Response Total	Response Count
Federal	22.51	923	41
State	34.77	2,469	71
Local	65.55	4,851	74
Other (e.g. SWCD or Conservation Commission)	21.42	257	12
answered question			85
skipped question			85

5. Other, please specify

	Response Count
	14
answered question	14
skipped question	156

6. What other organizations do you most rely on to keep on top of stormwater issues? Check off the two sources that you rely most.

		Response Percent	Response Count
State Stormwater Agency		53.0%	89
Local SWM Branch		15.5%	26
Local Engineering Committee		16.7%	28
Center for Watershed Protection		52.4%	88
Low Impact Development Center		11.3%	19
EPA Chesapeake Bay Program		32.1%	54
Stormwater-The Journal for Surface Water Quality Professionals		31.5%	53
Emails from Stormwater List Serves / email alerts		40.5%	68
Other		14.9%	25
		Other (please list)	32
		answered question	168
		skipped question	2

7. How will the following Bay stormwater initiatives will affect you as a Stormwater Professional? Please select as appropriate.

	a lot	somewhat	not at all	not sure	not familiar	Response Count
New state stormwater regulations	66.9% (111)	25.9% (43)	2.4% (4)	4.8% (8)	0.0% (0)	166
More stringent municipal NPDES stormwater permits	49.1% (82)	35.3% (59)	9.6% (16)	6.0% (10)	0.0% (0)	167
Forthcoming EPA national stormwater rule	46.4% (77)	33.1% (55)	3.6% (6)	13.9% (23)	3.0% (5)	166
New stormwater requirements for federal facilities	17.1% (28)	33.5% (55)	29.9% (49)	17.7% (29)	1.8% (3)	164
Local watershed implementation plans under Baywide TMDL	61.4% (102)	26.5% (44)	2.4% (4)	7.8% (13)	1.8% (3)	166

Other (please specify) 5

answered question 168

skipped question 2

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Count

139

answered question 139

skipped question 31

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

**Response
Count**

94

answered question

94

skipped question

76

10. Which of the following services would you most likely use in the future? Please select as appropriate.

	definitely	maybe	unlikely	never	Response Count
Multi-day bay-wide stormwater conference	23.6% (37)	47.1% (74)	28.7% (45)	0.6% (1)	157
Networking events to interact with other professionals	28.9% (46)	51.6% (82)	17.6% (28)	1.9% (3)	159
Forums to interact with local and/or state stormwater agencies	49.4% (81)	42.7% (70)	7.9% (13)	0.0% (0)	164
Updates on the new developments in stormwater research	71.9% (120)	24.0% (40)	4.2% (7)	0.0% (0)	167
Stormwater monitoring/research consortium	34.6% (56)	47.5% (77)	16.7% (27)	1.2% (2)	162
Regular alerts on pending state and federal regulations	67.1% (108)	28.0% (45)	5.0% (8)	0.0% (0)	161
Support for compliance spreadsheets and design tools	51.2% (84)	32.9% (54)	14.0% (23)	1.8% (3)	164
Refined design specifications for practices	56.1% (92)	31.7% (52)	12.2% (20)	0.0% (0)	164
LID Awards program	9.2% (14)	40.8% (62)	44.7% (68)	5.3% (8)	152
			Other (please specify)		12
			answered question		168
			skipped question		2






11. Which of the following training programs would you most likely use in the future? Please select as appropriate.

	definitely	maybe	unlikely	never	Response Count
Design Workshops	41.1% (67)	42.9% (70)	14.1% (23)	1.8% (3)	163
Training for contractors on practice installation	18.9% (30)	39.6% (63)	35.8% (57)	5.7% (9)	159
Training for inspectors on LID maintenance	31.9% (51)	35.0% (56)	28.8% (46)	4.4% (7)	160
Field training on retrofit investigation	35.4% (57)	47.2% (76)	14.3% (23)	3.1% (5)	161
Short training videos on practice installation and maintenance	38.0% (62)	44.2% (72)	16.6% (27)	1.2% (2)	163
Training related to new rules & regulations	54.9% (90)	39.6% (65)	4.9% (8)	0.6% (1)	164
Provide CEUs to maintain professional certification	42.2% (68)	30.4% (49)	21.1% (34)	6.2% (10)	161
Evening seminars with stormwater leaders from outside the Bay	19.1% (30)	47.1% (74)	29.3% (46)	4.5% (7)	157
Education of elected officials on emerging stormwater policy issues	41.1% (67)	39.9% (65)	17.8% (29)	1.2% (2)	163
Webcasts on special stormwater topics	55.0% (88)	38.8% (62)	5.0% (8)	1.3% (2)	160
			Other (please specify)		11
			answered question		168
			skipped question		2










12. Rank the webcast topics you would be most interested in watching? Please select as appropriate.

	Highest	2	3	4	Lowest	Response Count
Stormwater retrofitting	42.8% (68)	31.4% (50)	17.6% (28)	5.0% (8)	3.1% (5)	159
Design for redevelopment projects	31.6% (50)	34.8% (55)	22.2% (35)	6.3% (10)	5.1% (8)	158
Disconnections and Filter strips	16.0% (24)	34.7% (52)	32.0% (48)	13.3% (20)	4.0% (6)	150
LID maintenance	19.6% (30)	28.1% (43)	34.6% (53)	15.0% (23)	2.6% (4)	153
Local TMDL implementation	37.0% (60)	32.7% (53)	16.0% (26)	11.7% (19)	2.5% (4)	162
Nutrient reduction practices	31.1% (47)	38.4% (58)	20.5% (31)	7.9% (12)	2.0% (3)	151
Updates on state stormwater regulations	38.9% (61)	36.9% (58)	14.0% (22)	7.0% (11)	3.2% (5)	157
Green roofs	13.2% (20)	33.6% (51)	28.3% (43)	19.1% (29)	5.9% (9)	152
Bioretention	37.4% (58)	30.3% (47)	21.9% (34)	7.7% (12)	2.6% (4)	155
Non-structural credits	24.2% (37)	32.7% (50)	30.1% (46)	6.5% (10)	6.5% (10)	153
Industrial stormwater permits	7.3% (11)	19.9% (30)	29.1% (44)	24.5% (37)	19.2% (29)	151
Nutrient accounting	18.7% (28)	30.7% (46)	26.7% (40)	15.3% (23)	8.7% (13)	150
Rainwater harvesting	24.8% (39)	33.1% (52)	24.8% (39)	14.6% (23)	2.5% (4)	157
Use of compost amendments	19.1% (29)	26.3% (40)	30.9% (47)	14.5% (22)	9.2% (14)	152
Stormwater outreach and education	28.2% (44)	28.2% (44)	23.1% (36)	14.7% (23)	5.8% (9)	156
Basics of Runoff Reduction and Nutrient Reduction	28.9% (44)	26.3% (40)	28.3% (43)	11.8% (18)	4.6% (7)	152
Infiltration soil testing	21.1% (32)	29.6% (45)	32.9% (50)	11.2% (17)	5.3% (8)	152
Native landscaping for stormwater practices	35.3% (54)	31.4% (48)	23.5% (36)	6.5% (10)	3.3% (5)	153
				Other (please specify)		10
				answered question		169
				skipped question		1





13. CSN currently provides its support services for free. Would you be willing to pay for some services in the future to help offset the costs that are incurred serving the public interest? Check one

		Response Percent	Response Count
Definitely		8.2%	14
Possibly		35.3%	60
Perhaps when the economy improves		27.6%	47
Unlikely		21.8%	37
No		7.1%	12
Additional Comments			21
answered question			170
skipped question			0

14. If you were to provide support, which of the following methods would you prefer? Check all that apply

		Response Percent	Response Count
Pay an annual individual membership fee		37.5%	60
Make a tax-deductible donation as an individual		15.0%	24
Arrange for a tax deductible donation as a corporation		10.0%	16
Provide annual municipal dues		9.4%	15
Pay fees for workshops and webcasts		61.3%	98
Pay for on-site technical consultations or training		28.8%	46
Sponsor a CSN event		11.9%	19
Pay for a display table at a CSN event		11.3%	18
Other		3.8%	6
	Other (please specify)		10
answered question			160
skipped question			10

15. If a more formal organization were created, how should it be focused geographically? Check one



		Response Percent	Response Count
Bay-wide organization		12.3%	20
Bay-wide, with State chapters		37.0%	60
Bay-wide, with River Basin chapters (e.g. James, Potomac, Susquehanna)		42.0%	68
State organization		8.6%	14

Additional Comments 9

answered question 162

skipped question 8

16. If a more formal organization were created, how should it be focused content-wise?




		Response Percent	Response Count
Exclusively focused on stormwater issues		41.2%	68
More broadly focused on the implementation of water quality/water resource issues (including stormwater)		58.8%	97

Additional Comments 7

answered question 165

skipped question 5

17. Membership in the organization should be open to: Check one

		Response Percent	Response Count
Everyone		69.1%	114
Stormwater professionals only		17.0%	28
Representatives from corporations, governments and the non-profit community		13.9%	23
	Additional Comments		6
answered question			165
skipped question			5

18. What would you be willing to commit to support an organization? Check all that apply

		Response Percent	Response Count
Provide administrative support		13.5%	18
Serve on policy or technical committees		68.4%	91
Become a master stormwater trainer		34.6%	46
Provide meeting facilities		33.8%	45
Provide contributed staff time		26.3%	35
Other		6.0%	8
	Other (please specify)		14
answered question			133
skipped question			37

19. Please feel free to offer any additional comments or suggestions

**Response
Count**

10

answered question

10

skipped question

160

**1. I am employed in the:
Check the one which best applies**

1	I am a board member at an all volunteer non-profit.	Feb 28, 2011 10:42 AM
2	Consulting mostly in the NP sector on environmental issues and science technical writing.	Feb 28, 2011 12:54 PM
3	Government	Mar 2, 2011 8:13 AM
4	Education and Private business sector	Mar 8, 2011 3:04 PM
5	Soil and Water Conservation District	Mar 9, 2011 1:16 PM
6	Retired, but contracted by a municipality, and have my own consulting business and landscape business	Mar 14, 2011 11:59 AM

**2. In which jurisdiction(s) do you work primarily?
Check all that apply**

1	National Perspectives	Feb 28, 2011 10:54 AM
2	NC	Feb 28, 2011 4:12 PM
3	Ohio	Mar 1, 2011 12:16 PM
4	WA	Mar 8, 2011 12:20 PM
5	Missouri	Mar 8, 2011 12:21 PM
6	National	Mar 9, 2011 11:03 AM
7	Amelia, Nottoway and Prince Edward Counties	Mar 9, 2011 1:16 PM

**3. My primary job responsibility is:
Check the one which best applies**

1	Watershed/Environmental advocacy through educating and empowering local government -- we are a public commission, not an advocacy group.	Feb 28, 2011 10:49 AM
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**3. My primary job responsibility is:
Check the one which best applies**

2	Construction Inspections, Maintenance, Phase II SWM Permits	Feb 28, 2011 11:16 AM
3	a little of all of the above (except design work) + outreach/education, GIS mapping and our Phase II WIP. yikes!	Feb 28, 2011 11:42 AM
4	stormwater management modeling	Feb 28, 2011 12:21 PM
5	Urban Forest Management	Feb 28, 2011 12:28 PM
6	Writing State SWM Handbook update and new BMP Design Specification updates, as well as providing training to SWM professionals and local government officials	Feb 28, 2011 12:31 PM
7	-promotion and education for industry and government professionals on status of stormwater technology and regulatory requirements	Feb 28, 2011 12:38 PM
8	Native plantings around farm and SW ponds	Feb 28, 2011 12:54 PM
9	planning and regulatory oversight	Feb 28, 2011 1:01 PM
10	Stormwater policy	Feb 28, 2011 1:19 PM
11	All of the above	Feb 28, 2011 2:06 PM
12	Educate homeowners, municipalities and engineers about Green Stormwater practices and other BMPs	Feb 28, 2011 3:15 PM
13	Administration of MS4 Phase II Permit.	Feb 28, 2011 3:40 PM
14	sustainable landscape design	Feb 28, 2011 6:33 PM
15	Compliance and sediment and erosion control.	Mar 2, 2011 8:13 AM
16	Rehab and improve functioning of stormwater ponds.	Mar 2, 2011 12:28 PM
17	Urban Tree Canopy assesments & goal setting	Mar 8, 2011 2:32 PM
18	As an educator, trainer - I translate research into easy to understand stormwater and Bay-related programs for K-16 students/teachers as well as professionals in the Lawn Care industry	Mar 8, 2011 3:04 PM
19	Professor	Mar 8, 2011 10:14 PM
20	Procurement	Mar 9, 2011 12:51 PM
21	Host programs to educate builders, planners and local gov. officials about stormwater	Mar 9, 2011 1:16 PM
22	Innovative SWM practices for urban development.	Mar 9, 2011 6:17 PM
23	geotechnical engineering and design, stormwater management earth embankment design	Mar 9, 2011 6:27 PM
24	Policy and Planning	Mar 10, 2011 12:36 PM

**3. My primary job responsibility is:
Check the one which best applies**

25	Design and compliance guidance for municipal and state governments	Mar 10, 2011 12:36 PM
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4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

Federal

1	50	Feb 28, 2011 10:34 AM
2	15	Feb 28, 2011 10:36 AM
3	80	Feb 28, 2011 10:40 AM
4	5	Feb 28, 2011 10:45 AM
5	15	Feb 28, 2011 10:47 AM
6	40	Feb 28, 2011 10:57 AM
7	100	Feb 28, 2011 11:05 AM
8	15	Feb 28, 2011 11:06 AM
9	100	Feb 28, 2011 11:24 AM
10	40	Feb 28, 2011 11:31 AM
11	10	Feb 28, 2011 11:38 AM
12	20	Feb 28, 2011 11:43 AM
13	100	Feb 28, 2011 11:58 AM
14	30	Feb 28, 2011 11:58 AM
15	40	Feb 28, 2011 12:19 PM
16	50	Feb 28, 2011 12:21 PM
17	15	Feb 28, 2011 12:24 PM
18	33	Feb 28, 2011 12:34 PM
19	10	Feb 28, 2011 12:34 PM
20	100	Feb 28, 2011 12:35 PM
21	60	Feb 28, 2011 12:41 PM
22	20	Feb 28, 2011 12:43 PM
23	25	Feb 28, 2011 12:43 PM

4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

24	100	Feb 28, 2011 12:46 PM
25	5	Feb 28, 2011 12:48 PM
26	100	Feb 28, 2011 12:51 PM
27	25	Feb 28, 2011 1:06 PM
28	40	Feb 28, 2011 1:33 PM
29	10	Feb 28, 2011 1:46 PM
30	50	Feb 28, 2011 1:55 PM
31	5	Feb 28, 2011 2:17 PM
32	5	Feb 28, 2011 2:19 PM
33	10	Feb 28, 2011 2:27 PM
34	0	Feb 28, 2011 2:36 PM
35	15	Feb 28, 2011 2:49 PM
36	100	Feb 28, 2011 2:58 PM
37	30	Feb 28, 2011 3:40 PM
38	10	Feb 28, 2011 3:51 PM
39	100	Feb 28, 2011 4:47 PM
40	50	Feb 28, 2011 8:27 PM
41	100	Feb 28, 2011 11:41 PM
42	30	Mar 1, 2011 8:55 AM
43	5	Mar 1, 2011 9:28 AM
44	100	Mar 1, 2011 10:01 AM
45	20	Mar 1, 2011 12:49 PM
46	5	Mar 1, 2011 3:10 PM
47	100	Mar 1, 2011 4:48 PM
48	100	Mar 2, 2011 8:13 AM
49	100	Mar 2, 2011 2:24 PM
50	5	Mar 3, 2011 9:39 AM
51	10	Mar 4, 2011 8:22 AM

4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

52	90	Mar 4, 2011 11:54 AM
53	100	Mar 7, 2011 10:27 AM
54	25	Mar 8, 2011 9:03 AM
55	100	Mar 8, 2011 9:38 AM
56	30	Mar 8, 2011 11:57 AM
57	50	Mar 8, 2011 12:20 PM
58	80	Mar 8, 2011 1:17 PM
59	100	Mar 8, 2011 1:36 PM
60	60	Mar 8, 2011 2:32 PM
61	30	Mar 8, 2011 3:28 PM
62	10	Mar 8, 2011 4:06 PM
63	5	Mar 9, 2011 10:55 AM
64	20	Mar 9, 2011 11:00 AM
65	10	Mar 9, 2011 11:07 AM
66	50	Mar 9, 2011 11:14 AM
67	50	Mar 9, 2011 11:16 AM
68	50	Mar 9, 2011 11:47 AM
69	0	Mar 9, 2011 11:50 AM
70	100	Mar 9, 2011 1:51 PM
71	10	Mar 9, 2011 2:22 PM
72	40	Mar 9, 2011 4:51 PM
73	10	Mar 9, 2011 5:54 PM
74	10	Mar 9, 2011 6:17 PM
75	0	Mar 9, 2011 6:27 PM
76	0	Mar 10, 2011 8:16 AM
77	50	Mar 10, 2011 9:06 AM
78	5	Mar 10, 2011 9:13 AM
79	50	Mar 10, 2011 10:33 AM

4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

80	5	Mar 10, 2011 10:55 AM
81	20	Mar 10, 2011 4:25 PM
82	50	Mar 14, 2011 9:29 AM
83	60	Mar 14, 2011 10:51 AM
84	40	Mar 14, 2011 11:59 AM
85	20	Mar 15, 2011 4:18 PM
State		
1	50	Feb 28, 2011 10:34 AM
2	15	Feb 28, 2011 10:36 AM
3	20	Feb 28, 2011 10:40 AM
4	95	Feb 28, 2011 10:45 AM
5	35	Feb 28, 2011 10:47 AM
6	60	Feb 28, 2011 10:57 AM
8	25	Feb 28, 2011 11:06 AM
10	5	Feb 28, 2011 11:31 AM
11	90	Feb 28, 2011 11:38 AM
12	30	Feb 28, 2011 11:43 AM
14	20	Feb 28, 2011 11:58 AM
15	40	Feb 28, 2011 12:19 PM
16	50	Feb 28, 2011 12:21 PM
17	10	Feb 28, 2011 12:24 PM
18	34	Feb 28, 2011 12:34 PM
19	90	Feb 28, 2011 12:34 PM
21	40	Feb 28, 2011 12:41 PM
22	80	Feb 28, 2011 12:43 PM
23	75	Feb 28, 2011 12:43 PM
25	15	Feb 28, 2011 12:48 PM
27	75	Feb 28, 2011 1:06 PM

4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

28	40	Feb 28, 2011 1:33 PM
29	90	Feb 28, 2011 1:46 PM
30	50	Feb 28, 2011 1:55 PM
31	10	Feb 28, 2011 2:17 PM
32	10	Feb 28, 2011 2:19 PM
33	40	Feb 28, 2011 2:27 PM
34	5	Feb 28, 2011 2:36 PM
35	10	Feb 28, 2011 2:49 PM
37	70	Feb 28, 2011 3:40 PM
38	10	Feb 28, 2011 3:51 PM
40	40	Feb 28, 2011 8:27 PM
42	50	Mar 1, 2011 8:55 AM
43	5	Mar 1, 2011 9:28 AM
45	10	Mar 1, 2011 12:49 PM
46	15	Mar 1, 2011 3:10 PM
50	25	Mar 3, 2011 9:39 AM
51	80	Mar 4, 2011 8:22 AM
52	10	Mar 4, 2011 11:54 AM
54	75	Mar 8, 2011 9:03 AM
56	70	Mar 8, 2011 11:57 AM
57	50	Mar 8, 2011 12:20 PM
58	20	Mar 8, 2011 1:17 PM
60	10	Mar 8, 2011 2:32 PM
61	30	Mar 8, 2011 3:28 PM
62	10	Mar 8, 2011 4:06 PM
63	95	Mar 9, 2011 10:55 AM
64	80	Mar 9, 2011 11:00 AM
65	90	Mar 9, 2011 11:07 AM

4. If you are involved in the Design or Construction of Stormwater Practices, what are the approving authorities for your projects? (give rough percentages of total work - total should sum to 100)

66	50	Mar 9, 2011 11:14 AM
67	50	Mar 9, 2011 11:16 AM
68	50	Mar 9, 2011 11:47 AM
69	0	Mar 9, 2011 11:50 AM
71	50	Mar 9, 2011 2:22 PM
72	10	Mar 9, 2011 4:51 PM
73	90	Mar 9, 2011 5:54 PM
74	20	Mar 9, 2011 6:17 PM
75	10	Mar 9, 2011 6:27 PM
76	40	Mar 10, 2011 8:16 AM
77	50	Mar 10, 2011 9:06 AM
78	95	Mar 10, 2011 9:13 AM
79	50	Mar 10, 2011 10:33 AM
80	70	Mar 10, 2011 10:55 AM
81	30	Mar 10, 2011 4:25 PM
82	30	Mar 14, 2011 9:29 AM
83	40	Mar 14, 2011 10:51 AM
84	40	Mar 14, 2011 11:59 AM
85	20	Mar 15, 2011 4:18 PM

5. Other, please specify

Response Text		
1	N/A	Feb 28, 2011 10:54 AM
2	N/A for stormwater plan reviewers	Feb 28, 2011 12:06 PM
3	SCD	Feb 28, 2011 12:19 PM
4	Not involved in design and construction	Feb 28, 2011 12:31 PM
5	N/A	Feb 28, 2011 12:38 PM

5. Other, please specify

Response Text		
6	federal mandates are reflected in state regulations	Feb 28, 2011 12:41 PM
7	Nothing else	Feb 28, 2011 12:43 PM
8	Projects involve multiple agencies and varying roles. Design approvals vs. wetland permits for example. Not sure percentage would reflect anything meaningful.	Feb 28, 2011 2:06 PM
9	All projects requires local, state and federal approvals. Percentages I provided are the primary reviewing entity.	Feb 28, 2011 2:27 PM
10	everything needs local permits, therefore everything needs a state construction permit, most projects need either federal stream or wetlands permits	Feb 28, 2011 2:48 PM
11	Town of Elkton Department of Public Works and Town Engineer	Mar 4, 2011 11:54 AM
12	Government oversight	Mar 8, 2011 12:14 PM
13	Research and Education	Mar 8, 2011 10:14 PM
14	Shade Tree Commission	Mar 14, 2011 11:59 AM

**6. What other organizations do you most rely on to keep on top of stormwater issues?
Check off the two sources that you rely most.**

1	News feeds with tags "stormwater"	Feb 28, 2011 10:54 AM
2	The Virginia Municipal Stormwater Association (VAMSA), The Northern Virginia Regional Commission (Local Planning District)	Feb 28, 2011 11:16 AM
3	YOU!	Feb 28, 2011 11:42 AM
4	Information disseminated via the Master Water Steward Program at Arlington Echo	Feb 28, 2011 11:58 AM
5	Design consultants(i.e., civil engineers, landscape architects/architects)	Feb 28, 2011 12:06 PM
6	VA Department of Forestry	Feb 28, 2011 12:28 PM
7	Other key state stormwater program officials in region StormCon	Feb 28, 2011 12:31 PM
8	-some from local advocacy groups and meetings	Feb 28, 2011 12:38 PM
9	VIMS, HRPDC	Feb 28, 2011 12:41 PM
10	Conferences Va. Lakes, Env. Virginia for example. Associations, other local government contacts, etc.	Feb 28, 2011 2:06 PM
11	Virginia Municipal Stormwater Association (VAMSA)	Feb 28, 2011 2:17 PM

**6. What other organizations do you most rely on to keep on top of stormwater issues?
Check off the two sources that you rely most.**

12	Hampton Roads Planning District Commission	Feb 28, 2011 2:48 PM
13	EWRI, WERF	Feb 28, 2011 2:49 PM
14	informal communication among partner organizations	Feb 28, 2011 3:12 PM
15	Villanova's Urban Stormwater Partnership	Feb 28, 2011 3:15 PM
16	County planning	Feb 28, 2011 4:28 PM
17	Scientific Journals and other publications. I like the Stormwater Journal, but it is not exactly on the cutting edge. I see little info coming from the Ches Bay Program that leads to tangible on-the-ground results. The discussion/information tends to focus primarily on various regulations or a need to quantify BMPs/stormwater strategies. The CBP appears to be looking to others for answers.	Feb 28, 2011 5:36 PM
18	Civil Engineering News, PennFuture, CBF, Facebook	Feb 28, 2011 8:27 PM
19	Ohio Stormwater Association (professional organization, not a state agency) NACWA, WEF, and other national professional organizations	Mar 1, 2011 12:16 PM
20	CSN and Univ of MD	Mar 2, 2011 12:28 PM
21	Local jurisdictions	Mar 7, 2011 10:27 AM
22	Research, Academia	Mar 8, 2011 12:14 PM
23	Planning District Commission	Mar 8, 2011 1:18 PM
24	Local PDC	Mar 8, 2011 1:36 PM
25	PDC regional MS4 committee	Mar 8, 2011 2:07 PM
26	Hampton Roads Planning District Commission	Mar 8, 2011 3:05 PM
27	Journals and Scientific Pubs (NOT STORMWATER MAG)	Mar 8, 2011 10:14 PM
28	Individuals within the company are tasked with gathering, reviewing and distributing updated information	Mar 9, 2011 11:00 AM
29	Chesapeake Bay Foundation	Mar 10, 2011 12:36 PM
30	Local government decision makers (implementation policy) and plan reviewers.	Mar 10, 2011 12:36 PM
31	Hampton Roads Planning District Commission - Environmental Committee	Mar 11, 2011 10:06 AM
32	Extension offices	Mar 14, 2011 11:59 AM

**7. How will the following Bay stormwater initiatives will affect you as a Stormwater Professional?
Please select as appropriate.**

1	How these are integrated into local and regional zoning codes, plans and standards.	Feb 28, 2011 10:54 AM
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**7. How will the following Bay stormwater initiatives will affect you as a Stormwater Professional?
Please select as appropriate.**

2	I'm scared!	Feb 28, 2011 11:42 AM
3	Local TMDLs focused on bacteria, aquatic life use impairments,	Feb 28, 2011 5:36 PM
4	Bay regulations set precedence for us Midwesterners. EPA administrator told us watch Chesapeake Bay and Florida for what's coming your way.	Mar 8, 2011 12:21 PM
5	They affect me because I teach about them and attempt to keep teachers and students abreast of new changes. I also train lawn care-turf industry professionals regarding fertilizer use with respect to water quality	Mar 8, 2011 3:04 PM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
1	Education, outreach, and acceptance by the general public...the majority are not as green as everyone might think.	Feb 28, 2011 10:34 AM
2	\$\$\$ The feds keep ignoring ag and aggressively pursuing MS4's and MS4's do not have money.	Feb 28, 2011 10:36 AM
3	I don't think the Maryland ESD to the MEP will work as intended	Feb 28, 2011 10:37 AM
4	Lack of technical and planning assistance; lack of funding and the ability to raise funds; lack of coordination and cooperation with adjoining local governments.	Feb 28, 2011 10:39 AM
5	money	Feb 28, 2011 10:40 AM
6	Getting developers and citizens to buy into the whole concept of stormwater management.	Feb 28, 2011 10:42 AM
7	adequate design guidance about how to implement new regulations	Feb 28, 2011 10:45 AM
8	getting them constructed correctly! we've had significant trouble with construction follow through, overcompaction, sequencing, etc. Getting through regulators who are so used to traditional solutions that they require 10- and 100-year storm routings with freeboard for bioretention basins! Unfortunately, we get that in more than one locality. it's a comfort level and buy-in issue.	Feb 28, 2011 10:47 AM
9	Coordination of requirements between different regulatory initiatives. Overcoming the "let's wait and see how it all shakes out" attitude, as opposed to "lets make sure we go after low hanging fruit (while we wait). Thus, need good clear guidance on what is irrefutably the "low hanging fruit," that which localities can implement and not worry about wasting money. Lack of correlation between assessment of stream health and stormwater monitoring. Lack of good (scientifically defensible) information regarding "in the field" measured effectiveness of BMPs, especially after 5 to 10 years. Maintenance, maintenance, maintenance.	Feb 28, 2011 10:49 AM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
10	Time and money	Feb 28, 2011 10:51 AM
11	<p>Economic & Psychological - The sites with locational advantages were picked off during the boom. As such, there is a lot of time before these waterfront/downtown/tranit oriented sites will pull permits that trigger NPDES or related stormwater requirements. That means the next stage of sites ripe for redevelopment will require incentives, though BMPs could past these projects past the "pencil out" mark.</p> <p>The psychological part is the mentality that if you put requirements in permits, developers have to go along. The stormwater rules (and mentality) is so project-focused, that the entire movement is missing how to design public private BMPs as a first step. Project-focus is a boom mentality way of approaching control, and perhaps that is appropriate along waters' edge. But for the Route 1's of the world, offering up stormwater control to attract interest is job one. This is where public shared facilites are essential. But the past rules tend to punish this type of planning ahead of time.</p>	Feb 28, 2011 10:54 AM
12	\$\$\$\$\$\$\$\$	Feb 28, 2011 10:57 AM
13	money, capacity, technical resources, lack of guidance	Feb 28, 2011 11:01 AM
14	Funding, resources, property rights, and community acceptance.	Feb 28, 2011 11:05 AM
15	Calculation methods	Feb 28, 2011 11:06 AM
16	Getting local jurisdictions to realize that "the longest journey begins with the first step". Locals need to stop complaining and begin. Part of the hold back comes from the required public input and revision process (both very necessary) but lengthy.	Feb 28, 2011 11:15 AM
17	Funding, staff, and clear guidance as to what actually has to be done specifically at the local level.	Feb 28, 2011 11:16 AM
18	Lack of funding, staff and overall capacity to implement.	Feb 28, 2011 11:22 AM
19	Funding	Feb 28, 2011 11:24 AM
20	getting clients to understand the need for increase design fees	Feb 28, 2011 11:31 AM
21	BALANCING THE REGULATORY ASPECTS WITH THE ECONOMICS OF IMPLEMENTING THE NEW RULES WHILE NOT COMPROMISING THE END PRODUCTS	Feb 28, 2011 11:38 AM
22	Getting the practices installed correctly on individual properties and maintained.	Feb 28, 2011 11:41 AM
23	not having any money (tight local government budget and no sw utility fee...and no hope of getting one any time soon!!)	Feb 28, 2011 11:42 AM
24	consistency from reviewers and agencies as well as guidance as to what their policy will be	Feb 28, 2011 11:43 AM
25	Making them both affordable to the client and profitable for my business.	Feb 28, 2011 11:58 AM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
26	\$\$\$	Feb 28, 2011 11:58 AM
27	1) Financial 2) Educating the development community to make them understand the new rules and their implications 3) Educating designers regarding the new design requirements 4) Educating plan reviewers to fully understand the new requirements	Feb 28, 2011 12:06 PM
28	sustainable revenue streams	Feb 28, 2011 12:19 PM
29	funding for the entities responsible for complying; public and regulating agency acceptance of innovative solutions (ie LID practices with removal efficiencies that have not been field tested locally)	Feb 28, 2011 12:21 PM
30	Reporting requirements still vague	Feb 28, 2011 12:21 PM
31	Lack of funding and understanding by the elected officials and the community at large.	Feb 28, 2011 12:23 PM
32	Funding and cooperative clients	Feb 28, 2011 12:24 PM
33	Education about LID and Ecosystem Services	Feb 28, 2011 12:28 PM
34	Property Owner cooperation and involvement.	Feb 28, 2011 12:30 PM
35	1. Staggered completion dates make coordination of federal and state rules difficult. 2. Huge need for training regarding new standards and methodologies, especially for localities who have never had SWM programs; more complex due to #1 above.	Feb 28, 2011 12:31 PM
36	understanding exactly what requirements apply to our land areas; achieving required TMDL load reductions within the geographic constraints of our land areas	Feb 28, 2011 12:34 PM
37	Educating all parties.	Feb 28, 2011 12:34 PM
38	Getting consistent reviews/approvals from local jurisdictions.	Feb 28, 2011 12:35 PM
39	-local government accepting roles in administration and enforcement with very limited resources and staff -costs to private industry in meeting new regulations	Feb 28, 2011 12:38 PM
40	cost to the city to retrofit existing regional BMP's training for city personnel in plan review based on new requirements additional time for reviewers and inspectors to assure plans and construction per the new requirements city personnel required to inspect and report in the administration of the state General Construction SW Permit	Feb 28, 2011 12:41 PM
41	Obtaining funds to meet the mandated requirements	Feb 28, 2011 12:43 PM
42	Paying for them	Feb 28, 2011 12:43 PM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
43	Getting the contractors on board and agreeing with the implimentation of the plans	Feb 28, 2011 12:46 PM
44	limits of available land to municipalities	Feb 28, 2011 12:48 PM
45	Writing the state stormwater regs so we only have one set of rules to follow.	Feb 28, 2011 12:51 PM
46	financial resources on the part of local governments; Public oppostion due to real and/or perceived additional costs	Feb 28, 2011 1:01 PM
47	Education for the owners, design professional, and contractors	Feb 28, 2011 1:06 PM
48	time frame and the increased need for rapid review, permitting, and implementation to meet goals	Feb 28, 2011 1:33 PM
49	Adequate resources and competency of Stormwater Professionals for more complex studies will be the primary challenges. Please refer to DCR's economic efect study of the new stormwater act.	Feb 28, 2011 1:35 PM
50	Equitable enforcement among regions and localities, education on the specific requirements and rules, cost, acceptance by average citizens, developers, politicians.	Feb 28, 2011 2:06 PM
51	funding/cost, retrofits for existing development, enhanced/new requirements for SW monitoring	Feb 28, 2011 2:17 PM
52	Educating clients on the increased costs associated with more stringent requirements.	Feb 28, 2011 2:19 PM
53	Funding Clarity and Practicality of Guidance Proper Administration of Criteria	Feb 28, 2011 2:27 PM
54	Consistently meeting the TMDL's. Costs of retrofits, if required.	Feb 28, 2011 2:36 PM
55	law suits, resistance. capacity building and compliance within jurisdictions that are adamantly opposed.	Feb 28, 2011 2:37 PM
56	in this locality the bay initiatives have started to strip funds that would have gone to much needed infrastructure maintenance and upgrades. Will divert funding needed to address local water quality issues (bacteria) to address an offsite WQ problem (Bay).	Feb 28, 2011 2:48 PM
57	The economy and desire to deregulate	Feb 28, 2011 2:49 PM
58	Educting old, long practicing engineers.	Feb 28, 2011 2:55 PM
59	new rules	Feb 28, 2011 2:58 PM
60	Lack of Funding and a real push at the state level (agency). Lack of political will to move it forward Municipalities that are complacent about stormwater and just want to put it in a pipe.	Feb 28, 2011 3:15 PM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
61	For-profit interests and funding.	Feb 28, 2011 3:40 PM
62	Finding the right technologies that actually perform to the required standards .	Feb 28, 2011 3:51 PM
63	funding & authority	Feb 28, 2011 4:12 PM
64	Meeting initiatives and keeping costs managable. Local governments will bear the brunt of the new regulations and most likely will be in the form of an unfunded mandate.	Feb 28, 2011 4:33 PM
65	Understanding the requirements and how to comply.	Feb 28, 2011 4:47 PM
66	Politics. Funding to back the programs up. Lack of will to have a real enforcement program. Getting engineers, surveyors, and landscape architects knowledgeable of LID techniques and to use these far more frequently than the traditional BMPs that result in impacted stream channels due to extended 2 year storm events.	Feb 28, 2011 5:36 PM
67	getting a summary of and acquiring an understanding of the regs and how I should be implementing them on a residential level	Feb 28, 2011 6:33 PM
68	Local reluctance	Feb 28, 2011 11:41 PM
69	Ordinance,	Mar 1, 2011 8:55 AM
70	Money Determining what regulators what. Little to no guidance given from those who impose the laws.	Mar 1, 2011 9:28 AM
71	Educating our local citizens. I am a one-person shop and have no time to develop a catchy page on our county website or to prepare informational brochures or to speak to local groups. I need templates that I can revise for our locality and immediately put to use in the local paper, county newsletter, and in kiosks placed in the county office building. Since Ches Bay only applies to a portion of my county, I need materials and techniques that everyone in the county can use!	Mar 1, 2011 10:01 AM
72	Translating the WIPs down to localities that will actually implement them.	Mar 1, 2011 12:05 PM
73	We have no idea how we'll address stormwater retrofits in the ultra urban environment if they are included in the EPA's national rules.	Mar 1, 2011 12:16 PM
74	money, staff, public perceptions	Mar 1, 2011 12:28 PM
75	Keeping up with all the changes. It is complex, confusing, and changing on a frequent basis.	Mar 1, 2011 12:49 PM
76	I think the need for these regulatory changes has been made quite clear from a scientific standpoint. However, in the current political and economic climate of fear and misinformed decisions, I think it will be very difficult to get much meaningful legislation passed and put into place at either any level (federal, state, or local).	Mar 1, 2011 4:48 PM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
77	Funding and publicity. There is not enough publicity about storm water management issues	Mar 1, 2011 8:39 PM
78	Inventory and maintenance of existing stormwater practices. Educating the engineering staff on the new regulations and promoting ESD and LID practices.	Mar 2, 2011 8:13 AM
79	money, time, support	Mar 2, 2011 10:29 AM
80	I think the primary challenge will be implementing BMPs that effectively sequester target pollutants and ensuring long term functionality of those BMPs (Maintenance and Funding)	Mar 2, 2011 10:29 AM
81	Money and good management	Mar 2, 2011 12:28 PM
82	Getting the right information in a timely manner.	Mar 2, 2011 12:50 PM
83	The use of cost effective, economically viable techniques to meet the new requirements.	Mar 2, 2011 2:24 PM
84	Funding in a climate of regulatory cutbacks.... Cuts to Agency training budgets and enforcement staff.	Mar 2, 2011 4:11 PM
85	comunication with the developement community	Mar 3, 2011 9:39 AM
86	Funding and political will; public education	Mar 3, 2011 3:39 PM
87	Adaptation of individual reviewers	Mar 4, 2011 8:22 AM
88	Training the plans reviewers and consultants on the modeling methods for ESD practices. Educating the developers and contractors on the installation and maintenance of the ESD practices. Long term maintenance and inspection requirements.	Mar 4, 2011 11:54 AM
89	money, training, and understanding.	Mar 7, 2011 8:50 AM
90	Educating designers and reviewers about the changes and how it affects their day to day operations.	Mar 7, 2011 10:27 AM
91	relaying to clients why changes are needed and why the old practices no longer are acceptable	Mar 8, 2011 9:03 AM
92	money	Mar 8, 2011 9:38 AM
93	\$\$ and timing. Even if we have the \$\$ the schedule is impossible to meet	Mar 8, 2011 11:57 AM
94	With diminishing economic resources, the ability to maintain a strong enforcement/review is a challenge	Mar 8, 2011 12:01 PM
95	Funding and manpower	Mar 8, 2011 12:04 PM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
96	Training and education directed toward engineers/consultants/designers who don't want to change their way of thinking (and designing) regarding stormwater management practices. Local Ordinances and zoning can be challenges to implementation of new standards.	Mar 8, 2011 12:08 PM
97	-Finding enough opportunities for effective retrofits in urban areas -Effectively conveying the need for every homeowner to take action	Mar 8, 2011 12:11 PM
98	money	Mar 8, 2011 12:13 PM
99	Adequate Resources	Mar 8, 2011 12:14 PM
100	Explaining the changes to stormwater design (i.e. larger/more expensive stormwater systems) to clients with previous site development experience or pre-concieved notions of what stormwater systems should be. Most are probably used to simply worrying about having a catch basin rather than any sort of treatment facility that needs to be maintained. The other challenge is developing designs that acknowledge most property owner's desire for low maintenance needs.	Mar 8, 2011 12:20 PM
101	cementing a paradigm shift in a manner to avoid rubberbanding (back to conventional)	Mar 8, 2011 12:21 PM
102	Many of the new initiatives will be incorporating LID. There is enormous resistance to these practices at the municipal level. Also, I think municipalities will be very slow to conform so we'll remain in the twilight zone for quite a bit longer. I'm thinking of opening a restaurant...	Mar 8, 2011 1:17 PM
103	1. funding 2. unclear expectations from State	Mar 8, 2011 1:18 PM
104	unreasonable expectation with regard to results, cost and time.	Mar 8, 2011 1:36 PM
105	Bay TMDL- coordination of diverse entities, public and private; lack of funds and need for deep education	Mar 8, 2011 2:07 PM
106	Two fold: 1. investing the local population; and, 2) securing funding (see #1)	Mar 8, 2011 2:32 PM
107	Overcoming belief that they are not necessary. Continual 'passing the buck' to different industries to take responsibility for loads. Funding.	Mar 8, 2011 3:04 PM
108	Goal setting and measuring success	Mar 8, 2011 3:05 PM
109	\$\$\$\$\$\$\$ & poor economy will be the biggest hurdle for the next 5 to 10 years. false expectation of performance of initiatives to turn watershed performance around.	Mar 8, 2011 4:06 PM
110	Depends on if the Regs are impact based or not tied to the hydrologic cycle	Mar 8, 2011 10:14 PM
111	Effectiveness and compliance.	Mar 9, 2011 8:44 AM
112	Education for designers, reviewers, contractors and the public	Mar 9, 2011 10:55 AM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
113	Local programs retrofitting to meet the TMDLs and builders having to adjust for the cost of construction BMPs to meet the regulatory requirements.	Mar 9, 2011 10:59 AM
114	Convincing clients that it is still worth doing projects within the watershed even though they will most likely have less developable area and also finding cost effective ways to meet the requirements.	Mar 9, 2011 11:00 AM
115	Bacterial TMDL, lack of understanding of efficiency of BMPs,	Mar 9, 2011 11:14 AM
116	Funding and authority.	Mar 9, 2011 11:27 AM
117	Compliance	Mar 9, 2011 11:47 AM
118	Budget deficits at all levels of government	Mar 9, 2011 11:50 AM
119	Getting planners and local government officials to insist on putting new practices in at the very beginning of the process, instead of tacking on at the end of the job. Trying to get builders to try new products and techniques, possibly at additional cost, to see if they will fit a specific need.	Mar 9, 2011 1:16 PM
120	Buy-in and cost in general. Specifically for me getting a civil engineers to recognize improved details and be flexible enough to fit these into an overall landscape plan that suits all needs. BMP can and should be a pleasing part of the larger landscape.	Mar 9, 2011 2:22 PM
121	they sound expensive	Mar 9, 2011 2:51 PM
122	Resistance from anyone who will not make as much money because of the new initiatives.	Mar 9, 2011 3:41 PM
123	getting clients to realize they need to pay more \$ for design fees	Mar 9, 2011 4:51 PM
124	- Obtaining funding to develop/implement new plans and practices - Understanding the requirements of the initiatives - Determining how to effectively and efficiently apply the requirements of multiple programs and regulations	Mar 9, 2011 5:31 PM
125	Convincing developers to spend more money on stormwater management. Poorly drained soils and high groundwater.	Mar 9, 2011 5:54 PM
126	Not putting all of our eggs into one basket (LID/ESD) and finding out later that it was not a good plan.	Mar 9, 2011 6:17 PM
127	The biggest challenge will be finding work. Developers won't initially be able to deal with the increased costs, whether for more required land area or more costly SWM facilities.	Mar 9, 2011 6:27 PM
128	UNDERSTANDING THE NEW REGULATIONS AND HOW TO DESIGN TO MEET THEM	Mar 10, 2011 8:16 AM
129	Compliance and money to implement	Mar 10, 2011 9:13 AM
130	Design Criteria	Mar 10, 2011 10:33 AM

8. What do you think will be the primary challenges to implementing these new initiatives?

Response Text		
131	Understanding what the requirements are and translating into action plans.	Mar 10, 2011 12:36 PM
132	Identifying and/or developing specific guidelines for implementation consistent with the expectations of EPA or the States.	Mar 10, 2011 12:36 PM
133	The problem that I see is getting everyone on the same page. Our company works on the fringe localities in the Ches Bay and not in Ches Bay. The localities not in the Ches Bay feel they are not being represented. All the talk is about eastern and northern Virginia. Anyone west of Richmond feels left out. I think if every locality in Virginia feels equal about the new regulations than there is a greater chance for the transitions to be smoother.	Mar 10, 2011 3:31 PM
134	Not causing private sector work to go extinct due to the cost, time and complication of complying with extreme stormwater management requirements. Public sector work will always be there because they use the tax payers money.	Mar 10, 2011 4:25 PM
135	Funding and property rights necessary to install stormwater practices in retrofit situations	Mar 11, 2011 10:06 AM
136	Getting reviewers up to speed.	Mar 14, 2011 9:29 AM
137	Mostly Old Mindsets that infiltration doesn't mix with roads and buildings. Also, the fear that source control requires more policing and maintenance.	Mar 14, 2011 10:51 AM
138	Monies, implemented rules with no monies to follow!!!!!!	Mar 14, 2011 11:59 AM
139	Municipalities are being tasked to pay for federal regulations.	Mar 15, 2011 4:18 PM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
1	Act 167 - considering the current political and economic climate, this planning program received significant pushback from private citizens and government officials alike.	Feb 28, 2011 10:34 AM
2	Chesapeake Bay TMDL; MS4 program	Feb 28, 2011 10:39 AM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
3	<p>latest MDE 2010 ESD - I would like to see more design guidance and details/background about the particular devices and effectiveness. For example, the planting requirement for bioretention facilities is a big issue for us, as our agency maintenance staff is not equipped to maintain it and as designers I am not sure we have good information about how those plantings and the mulch layer contribute to the water quality function.. I have attended training from the university research community that says it is not a major component of water quality, yet the regulatory requirement for it dramatically impacts our design, cost and maintenance.</p> <p>If cost is not the biggest issue for selection of devices, I don't feel there is a good education to help determine the most effective practices, balancing cost, land space, maintenance, etc etc. The practices are newer and there is a real lack of "hands on" design and maintenance information. I would like to see major continued funding and education efforts put into these topics so that we get the most bang for the buck, so to speak.</p>	Feb 28, 2011 10:45 AM
4	<p>LEED stormwater credit tracking, EISA Section 438 compliance requirements, anticipated changes to MS-4 permits for retrofits, and the anticipated changes to VA stormwater regulations have all had significant impacts. Also, a few localities which adopted LID ordinances such as Stafford County and Spotsylvania County.</p>	Feb 28, 2011 10:47 AM
5	<p>Stormwater Management Act of 2007</p>	Feb 28, 2011 10:51 AM
6	<p>The growing movement to better match BMPs to development types, for instance the Light Imprint work and the urban experiments in Portland and Seattle.</p>	Feb 28, 2011 10:54 AM
7	<p>None</p>	Feb 28, 2011 10:57 AM
8	<p>stormwater regs, water resources element, other</p>	Feb 28, 2011 11:01 AM
9	<p>The fact that stormwater has been in a constant state of change for many years makes it impossible to make long term plans. The rules and regulations need to stabilize for a long period of time (minimum of 20 years) so programs and systems can be developed with the assurance they can be utilized. The unsettled status of SWM over the past 5 to 10 years have hurt efforts to implement programs that would improve the quality of stormwater.</p>	Feb 28, 2011 11:05 AM
10	<p>EISA sec 438</p>	Feb 28, 2011 11:06 AM
11	<p>Failure to implement new stormwater regs. No changes for the past 15 years.</p>	Feb 28, 2011 11:15 AM
12	<p>local watershed TMDLs</p>	Feb 28, 2011 11:43 AM
13	<p>Tax incentives have been a good selling tool to have residential clients incorporate stormwater management into their home landscapes.</p>	Feb 28, 2011 11:58 AM
14	<p>Uncertainty and lack of leadership from the Virginia State Government and officials.</p>	Feb 28, 2011 11:58 AM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
15	The introduction of technologies such as green roofs and the initial lack of standard hydrologic and hydraulic design tools.	Feb 28, 2011 12:06 PM
16	ESD, and LID techniques	Feb 28, 2011 12:19 PM
17	Increase in costs for re-development (and maintenance projects which they classify as re-development) projects due to new MDE requirements.	Feb 28, 2011 12:21 PM
18	Last MS4 Phase II General Permit, local TMDLs, CSS Permit.	Feb 28, 2011 12:23 PM
19	Getting clients to understand the new VSMP. The back and forth of the new stormwater regulations and waiting for a final program.	Feb 28, 2011 12:24 PM
20	Chesapeake Bay Area Regulations	Feb 28, 2011 12:28 PM
21	1. Fact that virtually all Ches Bay region states have been revising state regulations and Handbooks at the same time. 2. National Research Council report on SWM in the US (for EPA) 3. Volume of SWM research that has taken place at key universities over past 10 years	Feb 28, 2011 12:31 PM
22	MS4 permitting and TMDL implementation	Feb 28, 2011 12:34 PM
23	Local code changes, LID, VSMP / SWPPP	Feb 28, 2011 12:34 PM
24	Intpretation of Virginia Erosion & Sediment Control Law Minimum Standard 19 by approving authorities to prevent development on a political basis.	Feb 28, 2011 12:35 PM
25	-new to this role, so none	Feb 28, 2011 12:38 PM
26	Local Sustainability Initiatives	Feb 28, 2011 12:43 PM
27	The MDE Stormwater Management Manual	Feb 28, 2011 12:43 PM
28	Movement from water quantity to water quality. Maintenance responsibilities of the BMP's used to address water quality. Calculations associated with water quality when it is necessary.	Feb 28, 2011 12:46 PM
29	Revisions to the state regs.	Feb 28, 2011 12:51 PM
30	Preparation of SWPPP.	Feb 28, 2011 1:06 PM
31	sustainable sites, LEED	Feb 28, 2011 1:33 PM
32	CBLAD's change in regulations around 2003.	Feb 28, 2011 1:35 PM
33	SWM Hot Spots or addressing downstream conditions Coastal PLain Outfalls	Feb 28, 2011 1:46 PM
34	State regulatory revisions, changing views regarding programs, off-sets vs. site controls, vs regional programs, vs wetland rules and so forth.	Feb 28, 2011 2:06 PM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
35	local impaired waterways and TMDLs, development of a stormwater utility and accompanying program	Feb 28, 2011 2:17 PM
36	Revised stormwater regulations in MD.	Feb 28, 2011 2:19 PM
37	NPDES Construction General Permit Requirements Dam Safety Criteria 404/401 Permit Criteria for Minimization and Avoidance addressing LID LEED Local LID Initiatives	Feb 28, 2011 2:27 PM
38	I am a planning district employee. Until these new regulations come into being, I am only peripherally involved with stormwater management. Once they are in place, I see my roll expanding in helping rural localities adjust and comply. I am limited by the interest of planning district politics, and I haven't seen a lot of interest in proactively addressing stormwater, outside of the urban areas that are already doing it.	Feb 28, 2011 2:37 PM
39	TARP and TAPE programs	Feb 28, 2011 2:49 PM
40	bmp	Feb 28, 2011 2:58 PM
41	DEP's Stormwater BMP manual (2006) Local Stormwater Ordinances being put in place by counties and municipalities Philadelphia's stormwater and CSO initiatives.	Feb 28, 2011 3:15 PM
42	Any NPDES related or driven initiatives impact my work as MS4 Coordinator.	Feb 28, 2011 3:40 PM
43	Stream Restoration for mitigation purposes	Feb 28, 2011 3:51 PM
44	local groups / USACE initiatives	Feb 28, 2011 4:12 PM
45	NPDES Phase II	Feb 28, 2011 4:47 PM
46	Local TMDLs will be the wave of the future when it comes to achieving water quality standards. I am of the belief that the Chesapeake Bay Program has much to gain by finding ways to incorporate the various TMDLs that have been done at the local level and incorporate them into the larger Bay model. This is especially true with bacterial TMDLs.	Feb 28, 2011 5:36 PM
47	rainwater harvesting and stormwater runoff as it relates to sustainable landscape design	Feb 28, 2011 6:33 PM
48	Introduction to LID	Feb 28, 2011 11:41 PM
49	SWPPP regulations updated in the past.	Mar 1, 2011 8:55 AM
50	MS4 permit requirements LID/ESD Construction	Mar 1, 2011 9:28 AM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
51	Big problem - the slow pace of getting the stormwater regulations and manual updated. I keep saying that we need to adopt an ordinance and move on, but the fight in Richmond undercut our local progress to implement a stormwater program. Now folks want to wait. We experienced summertime water restrictions again last year, what are we waiting for?	Mar 1, 2011 10:01 AM
52	The move toward LID has had a huge impact, as is the general recognition among citizens and public officials that stormwater is a problem that needs attention.	Mar 1, 2011 12:05 PM
53	Combined sewer separation projects result in an influx of new assets for stormwater utilities. However, the EPA's proposed rules may require treatment of stormwater. This would, in essence, negate the incentive to separate combined sewers as well as add additional costs to the maintenance and operation of the new stormwater assets.	Mar 1, 2011 12:16 PM
54	Septic inspection requirements in NYS	Mar 1, 2011 3:53 PM
55	The work CWP and DCR did in Virginia has provided a wonderful array of LID tools and guidance specifications that enable me to design with a broader set of tools for storm water management than previously available.	Mar 1, 2011 4:48 PM
56	taking down of the dams in the Patapsco River, major funding initiative from Baltimore county is helping to expand stream watch programs	Mar 1, 2011 8:39 PM
57	Migration from TSS as a surrogate to other regulated pollutants such as Phosphorus and Nitrogen require more advanced treatment mechanisms and data to support their implementation.	Mar 2, 2011 10:29 AM
58	Manufacture and installation of "floating wetlands"	Mar 2, 2011 12:28 PM
59	Implimentation of Enviornmental Site Design in the State of Maryland.	Mar 2, 2011 2:24 PM
60	Revisions to the 2000 MD Stormwater design manual.	Mar 2, 2011 4:11 PM
61	State ESC involvement	Mar 3, 2011 9:39 AM
62	local TMDLs, Bay TMDL, and MS4 permits have greatly increased work in this area.	Mar 3, 2011 3:39 PM
63	Enforcement of maintenance	Mar 4, 2011 8:22 AM
64	Each change in the local stormwater ordinance has been the most significant impact. Of course these changes have been necessary because of the state stormwater management initiatives. Each revision of the county or local ordinance requires a training process to determine the calculations, documentation and construction details necessary to implement the intent of the ordinance. It seems the submittal requirements have continued to increase with each revision.	Mar 4, 2011 11:54 AM
65	LID, volume reduction	Mar 7, 2011 10:27 AM
66	Act 167 studies/New NPDES regulations	Mar 8, 2011 9:03 AM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
67	The new direction municipal stormwater permits have taken in the last few years. More toward green infrastructure/runoff reduction methods. (But, I like it)	Mar 8, 2011 12:08 PM
68	Implementation of the NPDES Stormwater Rules Phase I and II	Mar 8, 2011 12:14 PM
69	Virginia's State Stormwater Management Regulations, in there many forms, have been challenging. although one intent of the regs was to bring conformity to stormwater practive statewide, municipalities (and especially counties!) largely ignored or misinterpreted the regs. Thus, we had a variety of different requirements city by city, and very poor water quality protection as a result (in my humble opinion.)	Mar 8, 2011 1:17 PM
70	The push towards LID effects our developing community in ways that contradict development policy. An example is that our development policy requires adequate parking, turn lanes and sidewalk. LID philosophy is geared towards reducing these impervious surfaces. Additionally, LID practices are often smaller and more spread out requiring more inspections, maintenance and access.	Mar 8, 2011 1:36 PM
71	Green infrastructure is appealing to the populations we deal with in the Eastern Panhandle of WV and at the many schools where we work on projects (primarily in the Potomac Highlands and Shenandoah Valley).	Mar 8, 2011 2:32 PM
72	State stormwater regs regarding new fertilizer bill will have some impact, in regards to product use, but nothing that will affect bottom line.	Mar 8, 2011 3:04 PM
73	budget cuts.	Mar 8, 2011 4:06 PM
74	.. THe whole change from Detention to Receiving Water Quality	Mar 8, 2011 10:14 PM
75	Act 167	Mar 9, 2011 8:44 AM
76	VSMP / VPDES / NPDES requirements and states / localities / designers / owners / contractors becoming more aware and educated in the requirements and process.	Mar 9, 2011 10:55 AM
77	none	Mar 9, 2011 11:00 AM
78	TMDLs	Mar 9, 2011 11:03 AM
79	Virgina Regs	Mar 9, 2011 11:14 AM
80	Latest MS4 General Permit; local TMDLs	Mar 9, 2011 11:27 AM
81	New to the area so not affected by past initiatives	Mar 9, 2011 11:47 AM
82	additional parameters required for compliance monitoring	Mar 9, 2011 2:51 PM
83	MD ESD requirements, Federal EISA Section 438	Mar 9, 2011 5:31 PM
84	Need for stormwater infiltration and stormwater filters for urban developments.	Mar 9, 2011 6:17 PM
85	PHASE II NPDES	Mar 10, 2011 8:16 AM

9. What other stormwater initiatives in the past few years have had a significant impact on your work? Please elaborate.

Response Text		
86	ESD to the MEP but it's going better than anticipated...I think?!?!	Mar 10, 2011 9:13 AM
87	EPA MS4	Mar 10, 2011 10:33 AM
88	Incorporation of TMDL requirements into Phase 1 and Phase 2 municipal stormwater permits.	Mar 10, 2011 12:36 PM
89	Schuylkill River Act 167 Plan required us to make significant changes to our ordinances and the way we review / approve building permits.	Mar 10, 2011 3:12 PM
90	MS4 permit requirements - I am the MS4 coordinator for my locality and am the one primarily responsible for tracking and reporting on our activities. Chesapeake Bay TMDL - just keeping up with this is very time consuming - when actual implementation starts, it seems like it will be extremely time consuming.	Mar 11, 2011 10:06 AM
91	Changes in design and permitting requirements.	Mar 14, 2011 9:29 AM
92	NYSDEC new Green Infrastructure requirements have made private consultants cry and MS4s complain it is too hard...	Mar 14, 2011 10:51 AM
93	Cost of development plans for smaller areas that are now required.	Mar 14, 2011 11:59 AM
94	I have not been in the field for long enough to comment.	Mar 15, 2011 4:18 PM

10. Which of the following services would you most likely use in the future? Please select as appropriate.

1	would like to see a central location where information is disseminated about new regulations, research, monitoring of installed practices, etc etc to help design and maintenance professionals who implement these practices.	Feb 28, 2011 10:45 AM
2	the design tools and specs are ok if they are endorsed and approved by agencies. If they are not, then they are less useful.	Feb 28, 2011 11:43 AM
3	Update the Virginia E & S manual, it is out of date	Feb 28, 2011 12:28 PM
4	My honest opinion is that there are too many resources devoted to research/monitoring at the expense of project implementation (BMPs, inventories, etc).	Feb 28, 2011 2:37 PM
5	Conferences are nice, but need to be made affordable to stakeholders in this challenging economy. I am not going to participate in anything over \$100 as it is too difficult to come up with the funds. Nor will I pay an excessive amount to participate in costly webinars.	Feb 28, 2011 5:36 PM
6	Most of these services currently exist; how would yet another conference or spreadsheet really help at this point? Developing a stormwater utility or entity for funding projects would be welcome.	Mar 2, 2011 10:29 AM

**10. Which of the following services would you most likely use in the future?
Please select as appropriate.**

7	first 3 answers: Only if you guys are involved.	Mar 8, 2011 1:17 PM
8	Webinars are my primary source of new education regarding UTC & green infrastructure.	Mar 8, 2011 2:32 PM
9	Lots of FREE Webinars to report info to keep the design community informed on regulatory changes and agency activities.	Mar 10, 2011 10:55 AM
10	Conferences are great but travel budgets have been zeroed out.	Mar 10, 2011 12:36 PM
11	Knowledge of and assistance with applying for grants	Mar 11, 2011 10:06 AM
12	why have award programs when people are doing the job that they are supposed to be doing? Red tape for nothing, or another pat on the back, you can put it in your resume.	Mar 14, 2011 11:59 AM

**11. Which of the following training programs would you most likely use in the future?
Please select as appropriate.**

1	Webcasts offering CEUs would likely gain more popularity if they were free. Most agencies within PA have recognized that the presenters are getting double the credit, so the costs are minimal when any are incurred. CSN's webcasts and trainings are just too darn expensive.	Feb 28, 2011 10:34 AM
2	Reimbursement by employer is an obstacle for events that are either costly, or time consuming. I do keep with articles & email notices on my own. I have gotten reimbursement for some webcasts.	Feb 28, 2011 11:06 AM
3	I think the training for elected officials is the most important on this list.	Feb 28, 2011 11:16 AM
4	back to the tight budget....i don't have any money i can use for training, so they would have to be free or ultra, ultra low-cost.	Feb 28, 2011 11:42 AM
5	1. I actually provide training for some of the above topics. 2. Powerpoint presentations as alternative to short training videos would be acceptable regarding practice installation and maintenance, so they would be less useful to me	Feb 28, 2011 12:31 PM
6	ESD for redevelopment projects Trash BMPs	Feb 28, 2011 1:06 PM
7	Keep the costs low. Few organizations (gov't, NGOs, etc.) have robust budgets for employee training these days. Localities are creating furlow days for employees. Engineer firms have been laying staff off. I know a lot of people who do not participate in the CWP webcasts simply because they are simply too expensive.	Feb 28, 2011 5:36 PM
8	Online applications are by far the best option	Mar 7, 2011 10:27 AM

**11. Which of the following training programs would you most likely use in the future?
Please select as appropriate.**

9	transitioning from old to new ordinances. Review and approval checklists for water quality, emphasis pre-site sustainable site design requirements/incentives with points. A rolling video for revolving councils and staff.	Mar 8, 2011 12:21 PM
10	While I personally may not use all of these they are topics that have come up in discussions about training needs during our water resources planning process.	Mar 10, 2011 12:36 PM
11	Isting of where monies will come from to comply to standards	Mar 14, 2011 11:59 AM

**12. Rank the webcast topics you would be most interested in watching?
Please select as appropriate.**

1	I typically find webcasts of little value.	Feb 28, 2011 11:05 AM
2	tree preservation ANSI Standards	Feb 28, 2011 12:28 PM
3	Bacteria reduction practices	Feb 28, 2011 5:36 PM
4	Understanding the CBP Model inputs and assumptions	Mar 2, 2011 10:29 AM
5	Riparian Forest Buffers as Stormwater BMP	Mar 8, 2011 9:55 AM
6	I'd like these to be filmed where professionals use easy to understand language. If I am to translate them for general public, education community, terms must be explained. I like to post webcasts on our site, but they must be easily understandable/engaging for the non-science folks	Mar 8, 2011 3:04 PM
7	Innovative and tested Proprietary Practices	Mar 8, 2011 4:06 PM
8	Bacterial Source tracking	Mar 9, 2011 11:14 AM
9	Stream restoration - natural channel design,	Mar 11, 2011 10:06 AM
10	PA budget cuts Extension and State Colleges 52% how do you think this work will be deseminated?	Mar 14, 2011 11:59 AM

13. CSN currently provides its support services for free. Would you be willing to pay for some services in the future to help offset the costs that are incurred serving the public interest? Check one

1	I would definitely be willing to pay, but the fee would have to be reasonable enough to justify to the board of a private consulting firm.	Feb 28, 2011 10:47 AM
2	CSN is not an unbiased entity. Would like to support a technical organization supporting the public interest.	Feb 28, 2011 11:05 AM
3	and if i could convince the city manager & council that it is needed.	Feb 28, 2011 11:42 AM

13. CSN currently provides its support services for free. Would you be willing to pay for some services in the future to help offset the costs that are incurred serving the public interest? Check one

4	The information CSN puts out is very useful and paying an annual organizational fee to support CSN to continue to provide this service is worth it.	Feb 28, 2011 12:06 PM
5	Employer reimbursed	Feb 28, 2011 12:21 PM
6	a nominal fee is acceptable	Feb 28, 2011 12:41 PM
7	Free will be our first choice	Feb 28, 2011 12:43 PM
8	I would under certain conditions. a) if the training is specific to local govt. compliance on new regs, b) it has to differentiate from CWP webinars which are on similar topics, but cost \$.	Feb 28, 2011 2:37 PM
9	Local government is unfortunately unwilling to pay for much of anything.	Feb 28, 2011 3:40 PM
10	Most people do not have funding to keep up with basic services at this time period. I feel this would be a bad time to have a new group that charges. It becomes restrictive and you might lose the people you are trying to reach as a result.	Feb 28, 2011 5:36 PM
11	My co-workers and I are likely to be furloughed again this year with another 5% budget.	Mar 2, 2011 12:25 PM
12	on a per publication or session basis	Mar 2, 2011 12:28 PM
13	If the costs are affordable I would be and have paid for some events. 1-2 hour webcast for around \$50 is affordable. 1-2 day event around \$200 is affordable. The location is important for the multiple day events.	Mar 4, 2011 11:54 AM
14	For Cacapon Institute to pay we would need to secure a grant or private donor's support to cover costs.	Mar 8, 2011 2:32 PM
15	I'd prefer that you obtain a grant or put pay per click ads on your site to generate funds to make it open access. I want to be able to send people to see your webcasts and share all the great things you put out with as many folks as possible. It is very unlikely that any teachers I work with would subscribe, or individuals in the turf industry. I want to quickly look up a video/article I don't with to waste time inserting passwords etc..	Mar 8, 2011 3:04 PM
16	I'd be willing but not necessarily able to pay for services	Mar 8, 2011 5:21 PM
17	THE COST OF TRAINING/EDUCATION IS PAID BY MY EMPLOYER. MY COMPANY SETS A BUDGETS FOR TRAINING IN ALL AREAS OF ENGINEERING FOR THE ENTIRE COMPANY.	Mar 10, 2011 8:16 AM
18	Maybe a small charge. Or a membership fee that makes participation free to members (should have read ahead)	Mar 10, 2011 10:55 AM
19	If we could get a grant it's possible we could pay for some services. The chances of funds being allocating in our general operating budget are unlikely.	Mar 10, 2011 12:36 PM
20	Willing to pay - yes; able to pay - another matter	Mar 11, 2011 10:06 AM

13. CSN currently provides its support services for free. Would you be willing to pay for some services in the future to help offset the costs that are incurred serving the public interest? Check one

21	You make the mandates you should have the responsibility to support the program.	Mar 14, 2011 11:59 AM
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14. If you were to provide support, which of the following methods would you prefer? Check all that apply

1	Web casts should be free.	Feb 28, 2011 11:58 AM
2	I don't have authority to check off the other boxes.	Feb 28, 2011 12:43 PM
3	<p>Membership/sponsorship levels need to be low to make this workable in this economy. I would discourage creating another membership based group, though. The timing is just bad to do so and you will potentially lose people who do not have the resources to participate.</p> <p>How successful is CWP's Association of Watershed and Stormwater Professionals? I and others choked when we saw the costs for membership.</p>	Feb 28, 2011 5:36 PM
4	Provide work-in-kind	Mar 2, 2011 10:29 AM
5	can't even consider support until economy improves. However, would be willing to pay for annual state dues or a group membership from Missouri.	Mar 8, 2011 12:21 PM
6	High fees such as what CWP charges would not be paid.	Mar 8, 2011 2:07 PM
7	<p>I'd pay fees for workshops. I don't want to pay fees for webcasts. I selfishly want to sit in front of my computer, pull webcasts/videos up whenever I want and watch them as often as I'd like. That's how I learn best when not at a workshop. Logging in for specific presentation time webcasts can be challenging to balance with my teaching schedule.</p> <p>I'd also like you to consider posting ads on your site, maybe the ads are from member businesses. Maybe they feature specific products/machinery that aid in retrofitting, or diagnostics/probeware that can measure pollutants on site. You may have to seek out the vendors initially for advertising, but if they get leads from your site, they'll be happy. I know this seems uncool--but maybe you honestly mention that CSN does not endorse specific products, but we do have to fund ourselves and advertising has helped us spread the word by not restricting use on the site to only paid people.</p> <p>Other advertisers could include: Fertilizer manufacturers who want to advertise that they've changed labeling, removed phosphorus,dealers</p>	Mar 8, 2011 3:04 PM
8	Its hard for a nonprofit to pay a nonprofit.	Mar 8, 2011 10:14 PM
9	MEMBERSHIP AND WORKSHOP FEES WOULD NEED TO BE PAID BY MY COMPANY.	Mar 10, 2011 8:16 AM
10	You get the monies, it's your program	Mar 14, 2011 11:59 AM

15. If a more formal organization were created, how should it be focused geographically?**Check one**

1	I can see value of both the 2nd and 3rd options above.	Feb 28, 2011 10:49 AM
2	Several localities in Virginia have watersheds that are both inside and outside of the Ches Bay watershed.	Feb 28, 2011 12:43 PM
3	There are enough organizations out there. What we really need is financial appropriation and lobbying increased.	Feb 28, 2011 12:43 PM
4	before forming a new organization, think about whether this is a duplication of services. could this be a program within an organization?	Feb 28, 2011 2:37 PM
5	Don't subdivide the organization or else you lose unity and effectiveness. Stick together, this is a Bay-wide problem and we should all be in the same boat to solve the problems.	Mar 1, 2011 10:01 AM
6	Don't forget the Maryland Coastal Bays as well	Mar 8, 2011 12:04 PM
7	I learn alot from the Maryland guys so I'd like to keep the focus on Baywide	Mar 8, 2011 1:17 PM
8	State regs vary so much that I think it would be most effective to have state chapters.	Mar 10, 2011 12:36 PM
9	Being more locally focused would be best - there will be a need to trade loads/offsets among the sectors within a segment-shed or watershed. Baywide organization would tends to be too large and unfocused in my opinion. The bay-wide organization was necessary to get this moving but once implementation starts, it will need to be more focused on more detailed and nitty-gritty sort of information.	Mar 11, 2011 10:06 AM

16. If a more formal organization were created, how should it be focused content-wise?

1	Use stormwater as the hook	Feb 28, 2011 10:54 AM
2	ultimately they are all stormwater issues, right? but specifically, education and outreach are important.	Feb 28, 2011 11:42 AM
3	Keep it simple.	Feb 28, 2011 11:58 AM
4	Opening this up to other issues will result in a loss of focus. Stick with stormwater. It's what you are known for. The subject is broad enough to include TMDLs and other matters as it is.	Feb 28, 2011 5:36 PM

16. If a more formal organization were created, how should it be focused content-wise?

5	<p>Want to make sure you aren't duplicating efforts of other Bay orgs. I'd love to see comparisons of how different jurisdictions implement their Stormwater Mgmt plans and especially how they track results (i.e. sediment reduced by ..% as measured by....this probe- not a theoretical model),</p> <p>I'd also like to see simple stormwater ideas for residents to implement. Such as.."Here's how to disconnect your downspouts from running into the storm sewers'. Currently for the general populace--you all are unknown, but then again, most residents don't even know what the Cooperative Extension or Soil/Water Conserv. Districts are either. A residential stormwater credit system would be kind of interesting. Not sure what organization could manage that and what the incentive would be to participate.</p>	Mar 8, 2011 3:04 PM
6	<p>I'm a stormwater professional so i would still like to see the focus primarily stormwater but would be ok with opening it up to other water quality/resources issues.</p>	Mar 10, 2011 10:55 AM
7	<p>if your going for broke, get as much as you can,</p>	Mar 14, 2011 11:59 AM

**17. Membership in the organization should be open to:
Check one**

1	<p>The effort has to pull from multiple disciplines or it will fail.</p>	Feb 28, 2011 10:54 AM
2	<p>Depends on the purpose of the organization</p>	Feb 28, 2011 11:05 AM
3	<p>But always geared toward the professional.</p>	Feb 28, 2011 11:58 AM
4	<p>Define what the benefits of becoming a member are. State why this is different from everyone else who wants our money.</p>	Feb 28, 2011 5:36 PM
5	<p>The organization should be open to all, but with a significant focus on education, training, and informaiton for design professionals.</p>	Mar 10, 2011 10:55 AM
6	<p>free</p>	Mar 14, 2011 11:59 AM

**18. What would you be willing to commit to support an organization?
Check all that apply**

1	<p>I already have completed the master stormwater trainer course, but would definately participate in committees.</p>	Feb 28, 2011 10:40 AM
2	<p>I would occasionally volunteer at events to help keep membership free.</p>	Feb 28, 2011 11:58 AM
3	<p>Already a master stormwater trainer -- willing to be on the call list or circuit rider list</p>	Feb 28, 2011 12:31 PM
4	<p>With my wife's permission!</p>	Feb 28, 2011 1:47 PM

18. What would you be willing to commit to support an organization?**Check all that apply**

5	staff here are involved with other professional orgs at this time	Feb 28, 2011 2:48 PM
6	<p>The purpose of such an organization needs to be defined before answering this question. It's an neat idea, but unless there are certifications associated with it, I question what the point is. Those certifications needs to be open to all - similar to the LEED program.</p> <p>We already have too many organizations focused on professional development of engineers already. Something like this needs to be broad enough to encompass other stakeholders.</p>	Feb 28, 2011 5:36 PM
7	Would depend on location and structure	Mar 1, 2011 3:53 PM
8	provide own research or training	Mar 2, 2011 12:28 PM
9	Generate marketing ideas, re-present your info to others.. Not sure what a Master Trainer is, but that might be an option as well, although I'm not an engineer.	Mar 8, 2011 3:04 PM
10	Help with publicizing events in our region	Mar 8, 2011 3:05 PM
11	IF MY COMPANY SUPPORTS IT, BECOME A DUES PAYING MEMBER .	Mar 10, 2011 8:16 AM
12	Note ... I do a lot of traninig in PA already.	Mar 10, 2011 10:55 AM
13	These commitments would have to be approved by management.	Mar 10, 2011 12:36 PM
14	with compensation for travel and expenses	Mar 14, 2011 11:59 AM

19. Please feel free to offer any additional comments or suggestions

Response Text

1	So far I think the process has been going well. Looking forward to future involvement.	Feb 28, 2011 10:40 AM
2	thanks for your service to the Bay, Tom.	Feb 28, 2011 11:42 AM
3	We need more research data for the Tidewater Virginia area. Maryland data is not necessarily applicable nor appropriate.	Feb 28, 2011 12:43 PM
4	Duplication of services is a main concern to me. This field is becoming too tight, and the large overhead compared to budget for providing services just doesn't make sense. This training program could easily live at the CWP, or some other Bay organization. It would be less confusing for the audience, and more sustainable from a budget perspective. An independent board is fine, but a separate organization is unnecessary. All you have to say is "Tom Schueler" and people will follow. Put more of the \$ into content, less into trying to stay alive, and we all win.	Feb 28, 2011 2:37 PM

19. Please feel free to offer any additional comments or suggestions

Response Text		
5	<p>Increasing stormwater knowlege is a noble goal. Currently there are many State, federal, and local governments, non-profit groups, and consulting groups that provide the services outlined in this survey. More than stormwater knowledge, though, is a significant need to pay for all of the improvements that are being required as part of State and federal regulatory programs. In lieu of incurring yet another cost on this community for education that exists, a useful approach may be to help generate the money (or lobby for it) so that stormwater professionals can put some of the good knowledge that is out there to use. Good luck.</p>	Mar 2, 2011 10:29 AM
6	<p>Contact: Frank Rodgers, Director of Education & Outreach ISA Certified Arborist MA-4468A Cacapon Institute PO Box 68, High View, WV 26808 frodgers@cacaponinstitute.org / 304-856-1385 www.cacaponinstitute.org</p>	Mar 8, 2011 2:32 PM
7	<p>Thanks for doing what you do! It is appreciated.</p> <p>Make sure you only print well researched stuff.....this might not be quite totally true: "Women think men that use old-fashioned push-mowers, rakes, shovels and hoes are sexier, smell better and can actually hear what they are saying. I generally feel the same way about women who use hand tools, except for the talking part."</p>	Mar 8, 2011 3:04 PM
8	<p>There is going to be a great need to partner with many localities in Virginia (and maybe other states) that have really never done much in the way of stormwater management before. All the components from ordinance writing, stormwater plan review to permitting, inspection, maintenance, tracking and reporting will need to be developed in an era of limited resources. They will need a lot of help so having trainers available would be a good service to provide.</p>	Mar 11, 2011 10:06 AM
9	<p>PA Governor has cut institutional and extension services by 52 percent. 440 jobs are on the line with extension being cut almost completed out. This is the area where information like this would be distributed and seminars designed. You might have to cut PA out of the project if things would go this way. Make calls, emails, letters to your legislators now to convince the Governor to replace the line items back into the budget.</p>	Mar 14, 2011 11:59 AM
10	<p>Thanks for all the work that you have done. It would be great to have a chart on your page of all the stakeholders involved with the Chesapeake Bay. Do you want me to make one on prezzi? just send a message out and I will see if i can do it.</p>	Mar 15, 2011 4:18 PM