

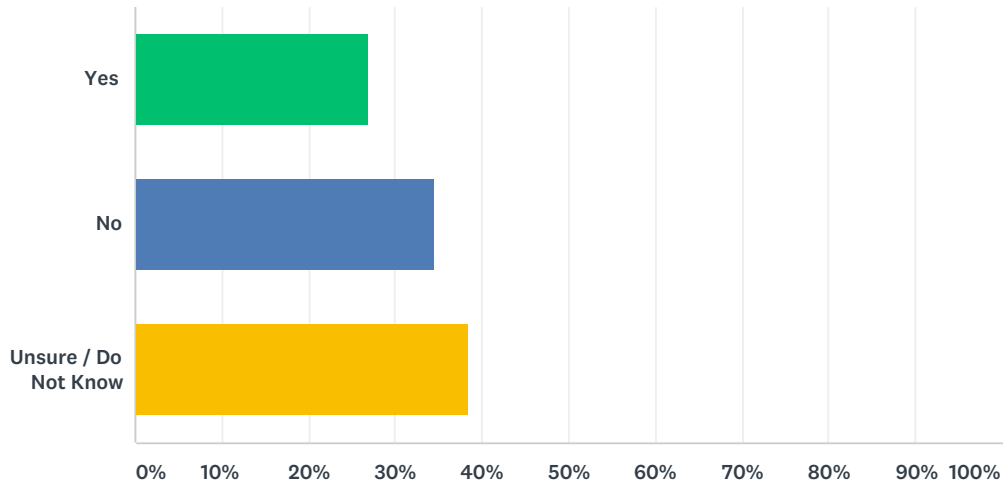
## Q1 Please provide your contact information:

Answered: 52 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name:	100.00%	52
State and Department:	100.00%	52
Job Title:	92.31%	48
Email Address:	100.00%	52
Phone Number:	98.08%	51

## Q2 Does your state have any existing GSR regulation, policy, or guidance? (See GSR definition above)

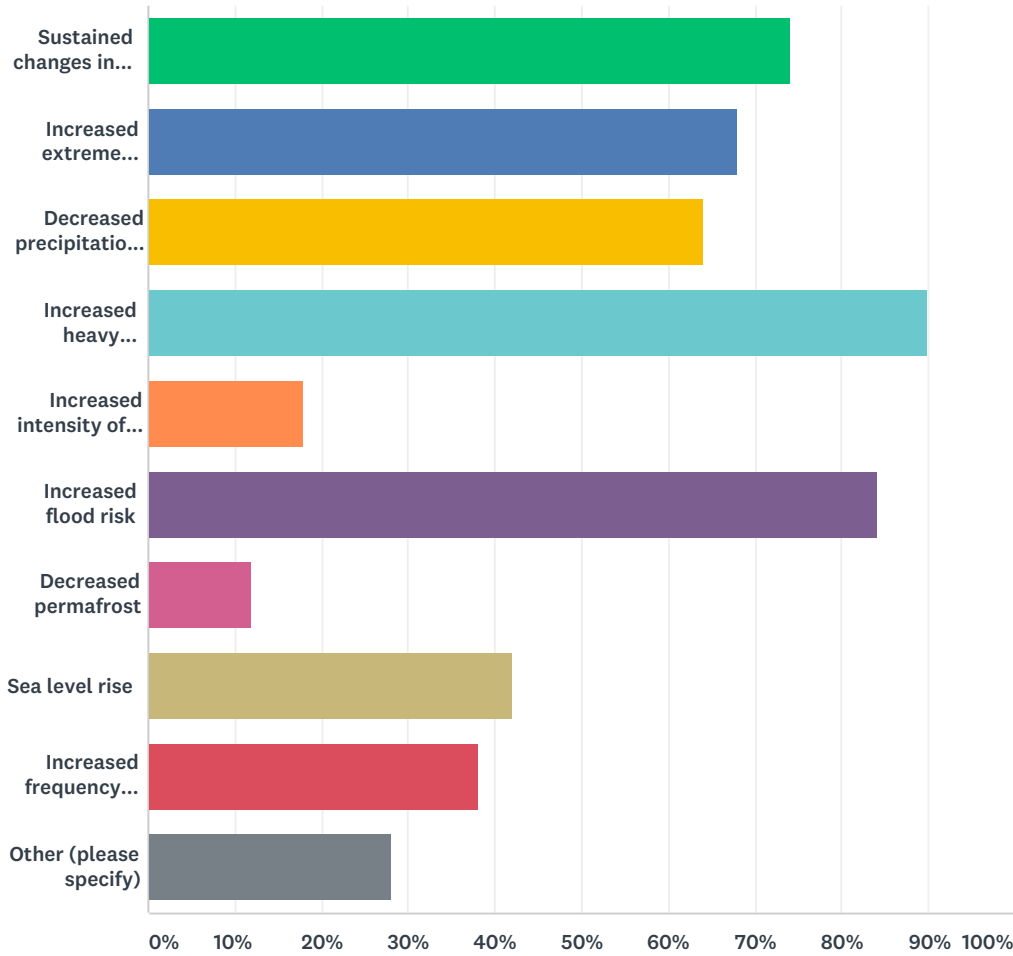
Answered: 52 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	26.92%	14
No	34.62%	18
Unsure / Do Not Know	38.46%	20
TOTAL		52

**Q3 Check all of the following extreme weather/climate or wildfire events that have or might impact your state. Please note any related impact such as increased/decreased stormwater runoff in the comment box.**

Answered: 50 Skipped: 2



ANSWER CHOICES	RESPONSES
Sustained changes in average temperature	74.00% 37
Increased extreme temperatures	68.00% 34
Decreased precipitation days, increasing drought intensity	64.00% 32
Increased heavy precipitation events	90.00% 45
Increased intensity of hurricanes	18.00% 9
Increased flood risk	84.00% 42
Decreased permafrost	12.00% 6
Sea level rise	42.00% 21
Increased frequency and/or intensity of wildfires	38.00% 19
Other (please specify)	28.00% 14

Total Respondents: 50

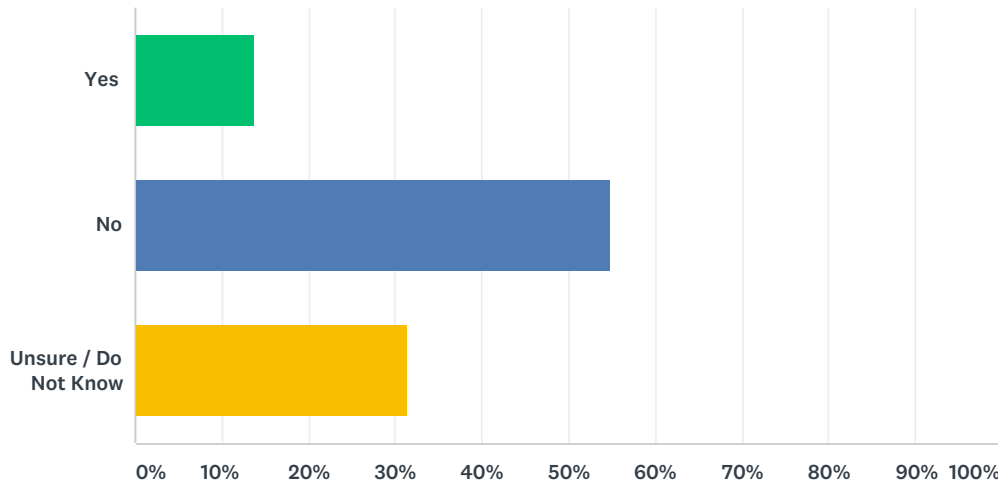
**Q4 At which stages is your state planning for resiliency to address extreme weather events and wildfires? If you have NONE, please put NA in the category box. If YES, please provide a reference and/or web link.**

Answered: 50 Skipped: 2

ANSWER CHOICES	RESPONSES	
Assessment / Identification:	84.00%	42
State-Managed Climate Change Information Clearinghouse or Data Resource:	76.00%	38
State Agency or Department Lead:	66.00%	33
Comprehensive Plan:	62.00%	31
Executive Order:	62.00%	31
Regulation / Statue:	56.00%	28
Other (please specify):	32.00%	16

### Q5 Does your state have any policy, strategy, regulatory framework, requirements, or guidance for addressing the impacts of extreme weather events and wildfires at remediation sites, both active and closed?

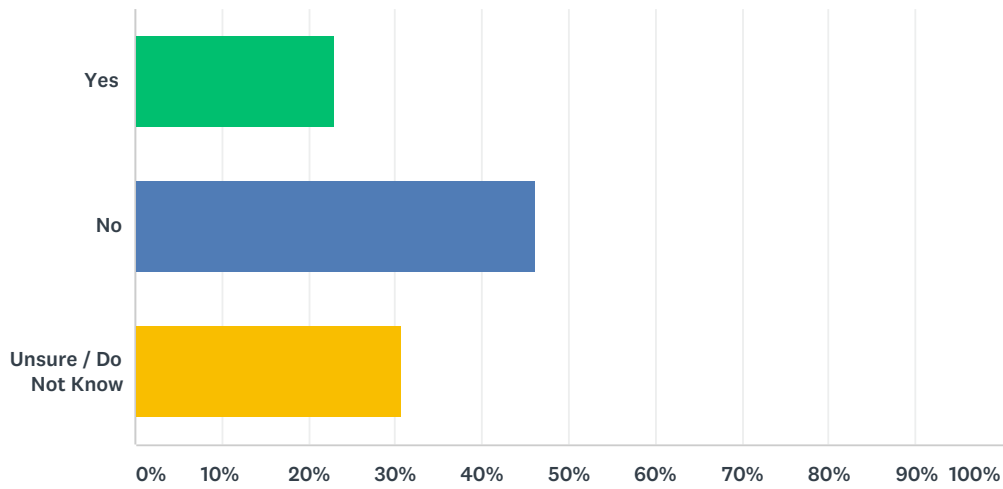
Answered: 51 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	13.73%	7
No	54.90%	28
Unsure / Do Not Know	31.37%	16
TOTAL		51

### Q6 Does your state have an emergency response plan for extreme weather events and wildfire impacts at contaminated sites?

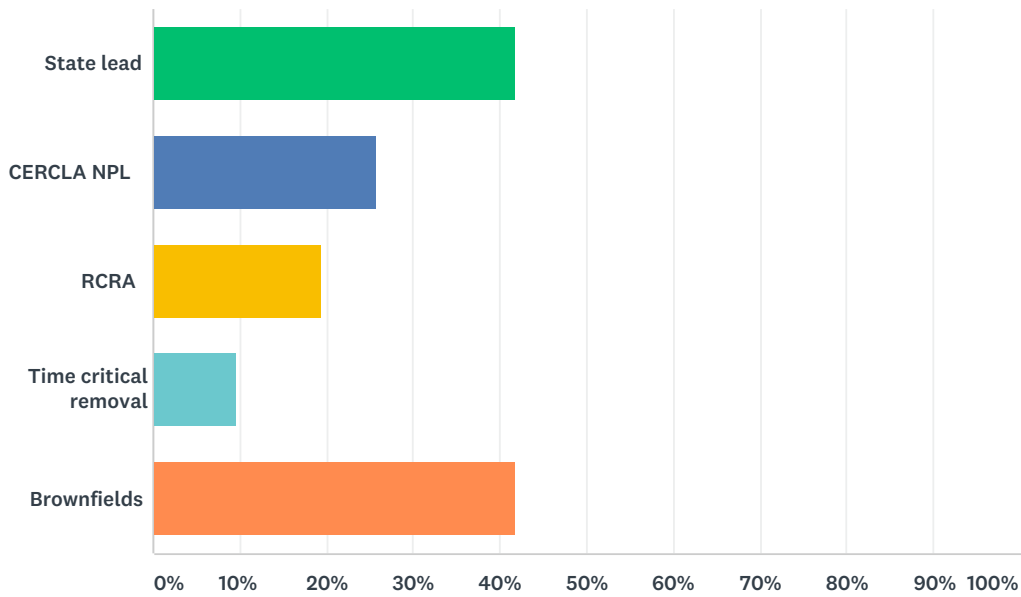
Answered: 52 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	23.08%	12
No	46.15%	24
Unsure / Do Not Know	30.77%	16
TOTAL		52

### Q7 Has your state seen GSR applied in any of the following site cleanup programs? Provide key information in comment section.

Answered: 31 Skipped: 21

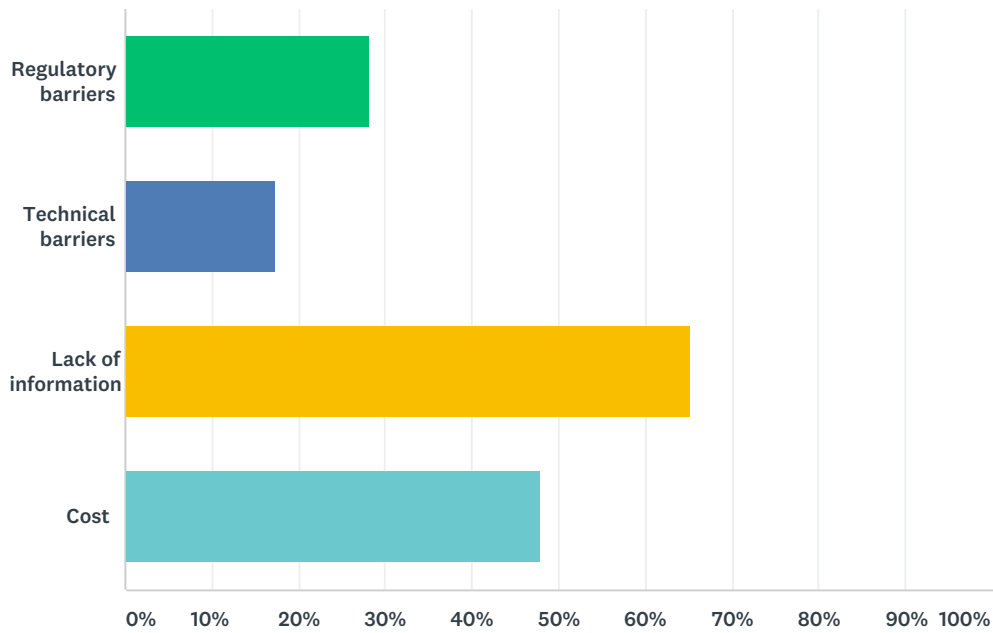


ANSWER CHOICES	RESPONSES
State lead	41.94% 13
CERCLA NPL	25.81% 8
RCRA	19.35% 6
Time critical removal	9.68% 3
Brownfields	41.94% 13
Total Respondents: 31	



### Q8 What are the GSR implementation barriers for your state? Please note what they are in the comment box below.

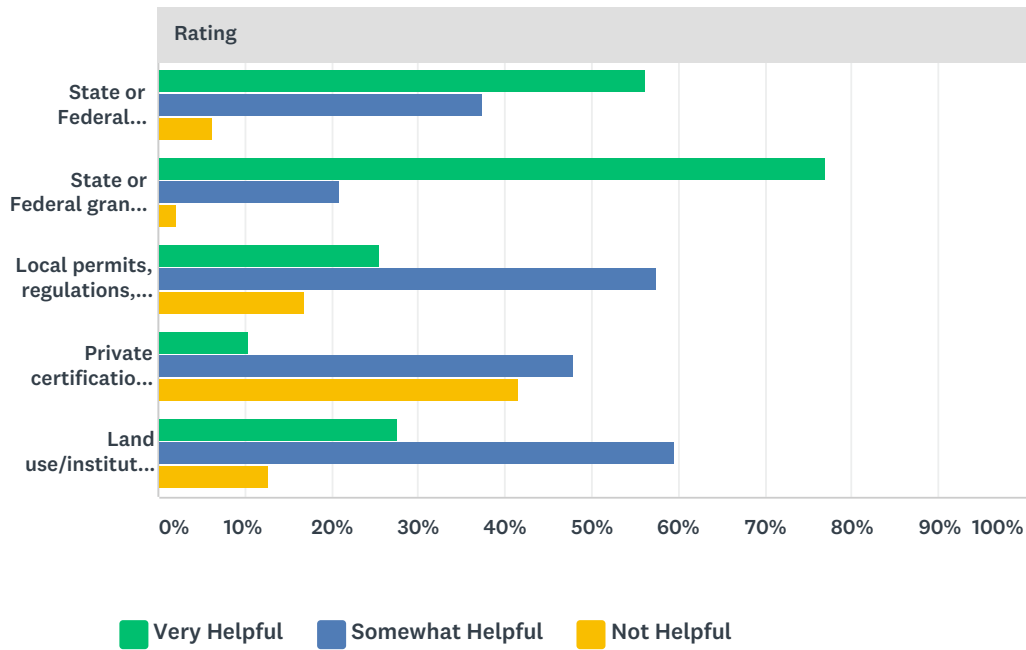
Answered: 46 Skipped: 6



ANSWER CHOICES	RESPONSES
Regulatory barriers	28.26% 13
Technical barriers	17.39% 8
Lack of information	65.22% 30
Cost	47.83% 22
Total Respondents: 46	

### Q9 Rate the following items that might lead to a more sustainable resilient remediation and redevelopment in your state.

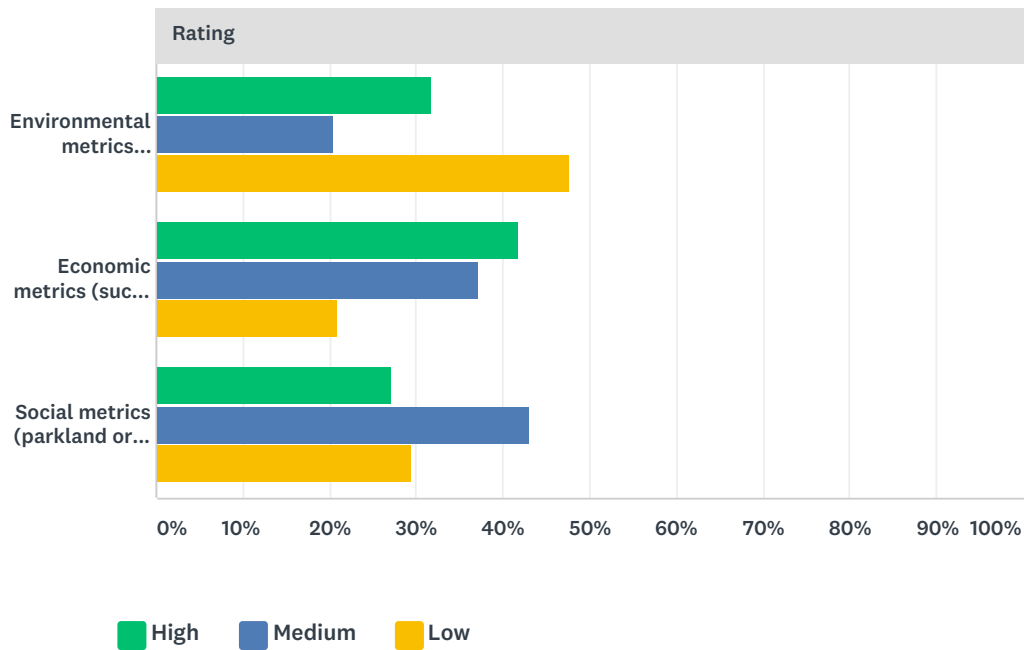
Answered: 48 Skipped: 4



Rating	VERY HELPFUL	SOMEWHAT HELPFUL	NOT HELPFUL	TOTAL
State or Federal legislation/regulatory mandate	56.25% 27	37.50% 18	6.25% 3	48
State or Federal grant incentives	77.08% 37	20.83% 10	2.08% 1	48
Local permits, regulations, or ordinances	25.53% 12	57.45% 27	17.02% 8	47
Private certification (e.g. LEED, Envision)	10.42% 5	47.92% 23	41.67% 20	48
Land use/institutional controls	27.66% 13	59.57% 28	12.77% 6	47

Q10 Metrics provide a basis for evaluating actions being considered throughout the site cleanup and redevelopment process and can apply to more than one component of GSR... environmental, economic and or social. Please indicate if these metrics have been used at cleanup projects in your state or their potential value for future cleanups.

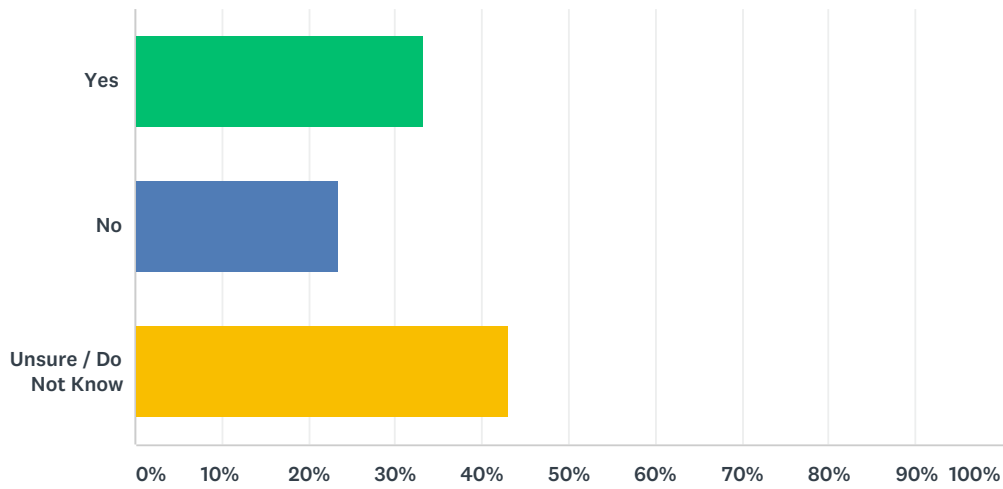
Answered: 45 Skipped: 7



Rating	HIGH	MEDIUM	LOW	TOTAL
Environmental metrics (greenhouse gas emissions created or energy consumed)	31.82% 14	20.45% 9	47.73% 21	44
Economic metrics (such as job creation/preservation)	41.86% 18	37.21% 16	20.93% 9	43
Social metrics (parkland or open space created)	27.27% 12	43.18% 19	29.55% 13	44

### Q11 Does your state recommend/encourage GSR best management practices (BMPs) at contaminated site cleanup and redevelopment.

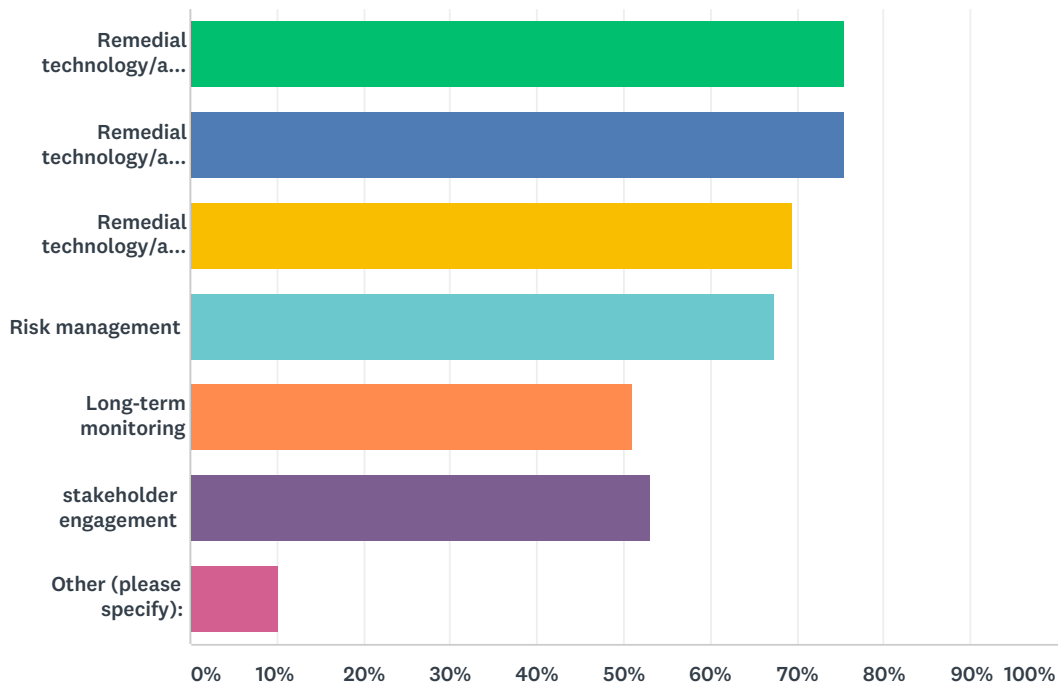
Answered: 51 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	33.33%	17
No	23.53%	12
Unsure / Do Not Know	43.14%	22
<b>TOTAL</b>		<b>51</b>

## Q12 What types of BMP resources would your state like to see in the ITRC GSR/R guidance?

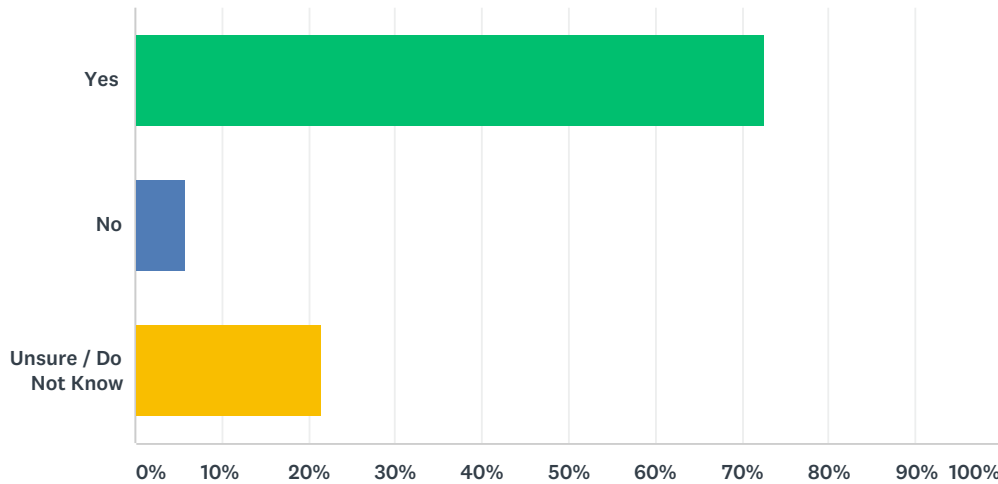
Answered: 49 Skipped: 3



ANSWER CHOICES	RESPONSES	
Remedial technology/approach evaluation (such as a feasibility study)	75.51%	37
Remedial technology/approach optimization	75.51%	37
Remedial technology/approach implementation	69.39%	34
Risk management	67.35%	33
Long-term monitoring	51.02%	25
stakeholder engagement	53.06%	26
Other (please specify):	10.20%	5
Total Respondents: 49		

### Q13 Would a sustainable remediation guidance/framework that also addresses extreme weather events and wildfire impacts at contaminated sites be useful for your state?

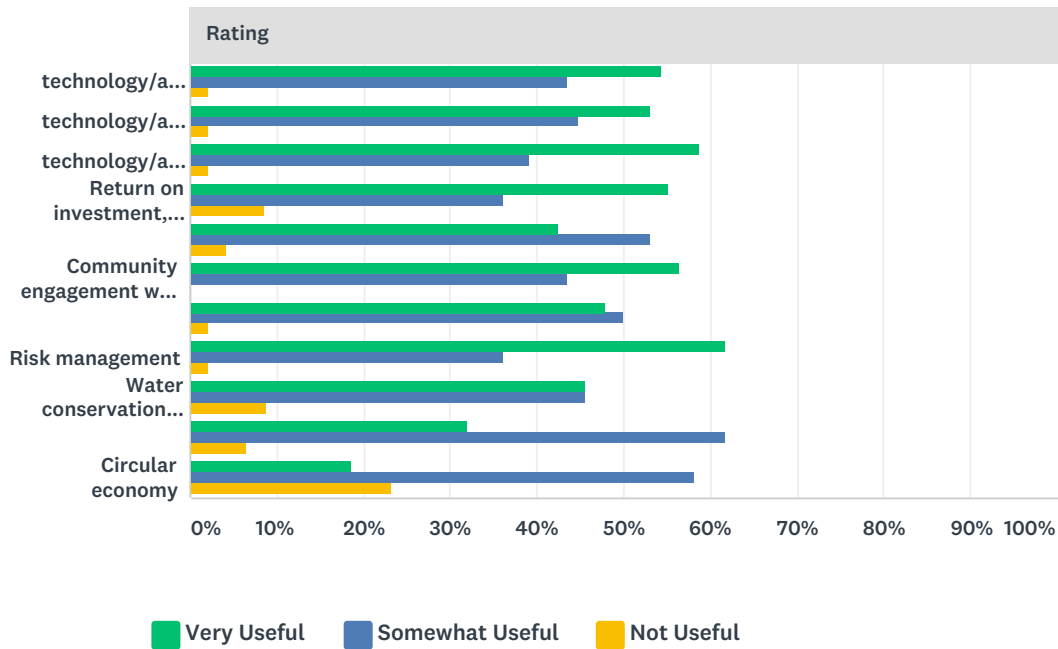
Answered: 51 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	72.55%	37
No	5.88%	3
Unsure / Do Not Know	21.57%	11
TOTAL		51

## Q14 Rate each case study topic based on its usefulness to support sustainable resilient remediation and redevelopment implementation in your state.

Answered: 48 Skipped: 4



Rating	VERY USEFUL	SOMEWHAT USEFUL	NOT USEFUL	TOTAL
technology/approach evaluation (such as a feasibility study)	54.35% 25	43.48% 20	2.17% 1	46
technology/approach optimization	53.19% 25	44.68% 21	2.13% 1	47
technology/approach implementation	58.70% 27	39.13% 18	2.17% 1	46
Return on investment, including cost of externalities (e.g. social cost of carbon, ecosystem services)	55.32% 26	36.17% 17	8.51% 4	47
Regulator collaboration and/or support	42.55% 20	53.19% 25	4.26% 2	47
Community engagement with the impacted public	56.52% 26	43.48% 20	0.00% 0	46
Stakeholder engagement to define sustainability metrics and tools	47.83% 22	50.00% 23	2.17% 1	46
Risk management	61.70% 29	36.17% 17	2.13% 1	47
Water conservation and reuse	45.65% 21	45.65% 21	8.70% 4	46
Materials use/management	31.91% 15	61.70% 29	6.38% 3	47

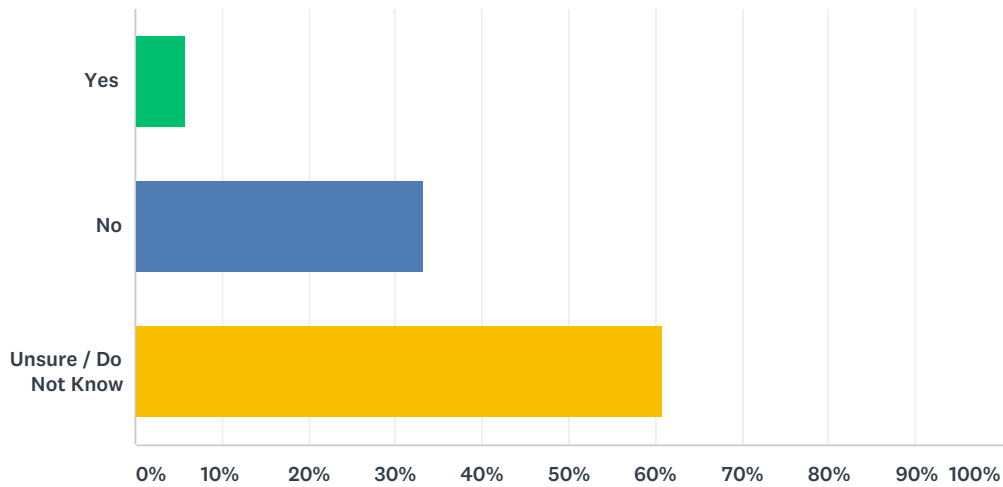
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Circular economy	18.60%	58.14%	23.26%	
	8	25	10	43



### Q15 Does your state have any case studies/site examples that could be included in the ITRC GSR/Resiliency guidance?

Answered: 51 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	5.88%	3
No	33.33%	17
Unsure / Do Not Know	60.78%	31
<b>TOTAL</b>		<b>51</b>

**Q16 Do you have any additional feedback that you would like to provide to help the ITRC GSR/R Team develop its guidance and other resources?**

Answered: 20 Skipped: 32