

Sea Level Rise Adaptation Role-Play Game

PRE-Survey

(Revised 10/2013)

Demographics:

Age (years): Under 18 18-24 25-34 35-44 45-54 55-64 65-74 75 or older

Gender: Female/Male

Occupation: _____

Relation to the coast (select all that apply):

Own property <input type="checkbox"/>	Own business <input type="checkbox"/>	Work private for-profit <input type="checkbox"/> sector	Work public sector <input type="checkbox"/>
Work nonprofit sector <input type="checkbox"/>	Reside <input type="checkbox"/>	Visit <input type="checkbox"/>	None <input type="checkbox"/>

Length of involvement in the Matanzas Basin (in years): _____

Please answer the following questions to the best of your ability.

1. For each strategy, select how familiar you are:

	Not familiar	Somewhat familiar	Very familiar
Seawalls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach nourishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevating structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Living shorelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planned relocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ecosystem conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat migration corridors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water storage easement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct future development away from the coast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. For each strategy, select how important you think it is for the Matanzas Basin in the next 20 years:

	Not important	Somewhat important	Very important
Seawalls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach nourishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevating structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Living shorelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planned relocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ecosystem conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat migration corridors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water storage easement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct future development away from the coast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Briefly describe planned relocation.

4. Which stakeholders might planned relocation appeal to? Select all that apply.

Local resident <input type="checkbox"/>	Government official <input type="checkbox"/>	Environmental scientist <input type="checkbox"/>
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Inland developer <input type="checkbox"/>	Ecotourism business owner <input type="checkbox"/>	Other: _____
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5. Select the three most important things that need to happen for proactive sea level rise planning to occur:

More, better information and technical assistance <input type="checkbox"/>	Political leadership <input type="checkbox"/>	Open discussions among stakeholders <input type="checkbox"/>	Increased awareness and education <input type="checkbox"/>
More funding <input type="checkbox"/>	Policies and programs <input type="checkbox"/>	Adaptation strategy design and analysis <input type="checkbox"/>	Economic and social innovation and entrepreneurship <input type="checkbox"/>
Other: _____			

6. How well do you think your community can work together to plan for sea level rise?

Not well <input type="checkbox"/>	Fairly well <input type="checkbox"/>	Very well <input type="checkbox"/>	Not sure <input type="checkbox"/>
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Why? _____

7. We need to begin sea level rise adaptation planning in the Matanzas Basin now:

Disagree <input type="checkbox"/>	Neutral <input type="checkbox"/>	Agree <input type="checkbox"/>	Not sure <input type="checkbox"/>
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Why? _____

8. Which best describes your attitude: Proactive planning to sea level rise is....

Overwhelming and hopeless <input type="checkbox"/>	Conceivable and hopeful <input type="checkbox"/>
Something that does not concern me <input type="checkbox"/>	Not sure <input type="checkbox"/>

9. What do you believe your role in sea level rise planning will be? Select all that apply.

More, better information and technical assistance <input type="checkbox"/>	Political leadership <input type="checkbox"/>	Open discussions among stakeholders <input type="checkbox"/>	Increased awareness and education <input type="checkbox"/>
More funding <input type="checkbox"/>	Policies and programs <input type="checkbox"/>	Adaptation strategy design and analysis <input type="checkbox"/>	Economic and social innovation and entrepreneurship <input type="checkbox"/>
Other: _____			

POST-Survey

(Revised 10/2013)

Please answer the following questions to the best of your ability.

1. For each strategy, select how familiar you are:

	Not familiar	Somewhat familiar	Very familiar
Seawalls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach nourishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevating structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Living shorelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planned relocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ecosystem conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat migration corridors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water storage easement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct future development away from the coast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. For each strategy, select how important you think it is for the Matanzas Basin in the next 20 years:

	Not important	Somewhat important	Very important
Seawalls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach nourishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevating structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Living shorelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planned relocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ecosystem conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Habitat migration corridors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water storage easement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct future development away from the coast	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Briefly describe planned relocation.

4. Which stakeholders might planned relocation appeal to? Select all that apply.

Local resident <input type="checkbox"/>	Government official <input type="checkbox"/>	Environmental scientist <input type="checkbox"/>
Inland developer <input type="checkbox"/>	Ecotourism business owner <input type="checkbox"/>	Other: _____

5. Select the three most important things that need to happen for proactive sea level rise planning to occur:

More, better information and technical assistance <input type="checkbox"/>	Political leadership <input type="checkbox"/>	Open discussions among stakeholders <input type="checkbox"/>	Increased awareness and education <input type="checkbox"/>
More funding <input type="checkbox"/>	Policies and programs <input type="checkbox"/>	Adaptation strategy design and analysis <input type="checkbox"/>	Economic and social innovation and entrepreneurship <input type="checkbox"/>
Other: _____			

6. How well do you think your community can work together to plan for sea level rise?

Not well <input type="checkbox"/>	Fairly well <input type="checkbox"/>	Very well <input type="checkbox"/>	Not sure <input type="checkbox"/>
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Why? _____

7. We need to begin sea level rise adaptation planning in the Matanzas Basin now:

Disagree <input type="checkbox"/>	Neutral <input type="checkbox"/>	Agree <input type="checkbox"/>	Not sure <input type="checkbox"/>
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Why? _____

8. Which best describes your attitude: Proactive planning to sea level rise is....

Overwhelming and hopeless <input type="checkbox"/>	Conceivable and hopeful <input type="checkbox"/>
Something that does not concern me <input type="checkbox"/>	Not sure <input type="checkbox"/>

9. What do you believe your role in sea level rise planning will be? Select all that apply.

More, better information and technical assistance <input type="checkbox"/>	Political leadership <input type="checkbox"/>	Open discussions among stakeholders <input type="checkbox"/>	Increased awareness and education <input type="checkbox"/>
More funding <input type="checkbox"/>	Policies and programs <input type="checkbox"/>	Adaptation strategy design and analysis <input type="checkbox"/>	Economic and social innovation and entrepreneurship <input type="checkbox"/>
Other: _____			

10. How did your view of adaptation planning change through playing the game?

11. Did you learn anything surprising or unexpected?

Individual PRE-Game Worksheet

Stakeholder persona: _____

Please answer the following questions **before** playing the game:

1. In your own opinion, rank the strategies from most appealing (1) to least appealing (8):

Beach nourishment ____	Seawalls ____	Planned relocation ____
Elevating structures ____	Living shoreline ____	Ecosystem conservation ____
Habitat migration corridors ____		Water storage easement ____

2. Taking on the perspective of your stakeholder persona, rank the strategies from most appealing (1) to least appealing (8):

Beach nourishment ____	Seawalls ____	Planned relocation ____
Elevating structures ____	Living shoreline ____	Ecosystem conservation ____
Habitat migration corridors ____		Water storage easement ____

Please rank the extent to which you agree with the following statements:

Do not
agree at all

Agree
completely

3. It will be easy to portray my stakeholder persona. 1 2 3 4 5

4. It will be easy to negotiate with my group members. 1 2 3 4 5

5. I expect to learn something meaningful from the game. 1 2 3 4 5

6. I expect to reach a satisfactory outcome with my group members. 1 2 3 4 5

7. I think other group members equally understand the importance of this issue. 1 2 3 4 5

8. The amount of money available to my persona is sufficient. 1 2 3 4 5

9. My persona needs more money. 1 2 3 4 5

10. Sitting with other stakeholders is important in solving this issue. 1 2 3 4 5

11. Planning for sea level rise will be a vast undertaking. 1 2 3 4 5

12. What percentage of your personal income are you ready to put aside for planning for this issue? _____%

Individual POST-Game Worksheet

Stakeholder persona: _____

Please answer the following questions **after** playing the game:

1. In your own opinion, rank the strategies from most appealing (1) to least appealing (8):

Beach nourishment ____	Seawalls ____	Planned relocation ____
Elevating structures ____	Living shoreline ____	Ecosystem conservation ____
Habitat migration corridors ____		Water storage easement ____

2. Taking on the perspective of your stakeholder persona, rank the strategies from most appealing (1) to least appealing (8):

Beach nourishment ____	Seawalls ____	Planned relocation ____
Elevating structures ____	Living shoreline ____	Ecosystem conservation ____
Habitat migration corridors ____		Water storage easement ____

Please rank the extent to which you agree with the following statements:

	Do not agree at all				Agree completely
3. It was easy to portray my stakeholder persona.	1	2	3	4	5
4. It was easy to negotiate with my group members.	1	2	3	4	5
5. I learned something meaningful from the game.	1	2	3	4	5
6. I reached a satisfactory outcome with my group members.	1	2	3	4	5
7. I think other group members equally understood the importance of this issue.	1	2	3	4	5
8. The amount of money available to my persona was sufficient.	1	2	3	4	5
9. My persona needed more money.	1	2	3	4	5
10. Sitting with other stakeholders is important in solving this issue.	1	2	3	4	5
11. Planning for sea level rise will be a vast undertaking.	1	2	3	4	5
12. What percentage of your personal income are you ready to put aside for planning for this issue?	_____ %				