

Supplementary Information: Differential incorporation of scientific advances impedes coastal habitat restoration practice

Appendix 1: Online survey questions analyzed in this study.

Which of these habitats have you restored? Select all that apply.

- Oysters
- Marsh plants
- Mangroves
- Seagrasses
- Corals

What is the typical purpose of restoration projects you have participated in? Select all that apply.

- Research
- Remediation for damage
- Habitat enhancement
- Fisheries enhancement
- Water quality enhancement
- Protection of coastal people or property
- Carbon sequestration
- Erosion control
- Promotion of biodiversity
- Ecotourism
- Community engagement

What determines where you conduct your restoration?

- Where restoration is most likely to be ecologically successful
- Where restoration is most needed ecologically
- Where restoration is most needed to benefit society
- Where restoration is most likely to be permitted or funded
- Other _____

Which is more challenging?

- Picking an appropriate site to restore a given habitat
- Picking an appropriate habitat to restore a given site

How important are the following characteristics for selecting restoration sites?

	Extremely important	Very important	Moderately important	Slightly important	Not at all important
Access and logistical feasibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Permitting or regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Appropriate environmental conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Available funding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geographic proximity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is there one factor that you consider most important for selecting restoration sites? Least important? If so, drag one to each box. If not, you may skip this question.

Most important	Least important
_____ Access and logistical feasibility	_____ Access and logistical feasibility
_____ Permitting or regulations	_____ Permitting or regulations
_____ Appropriate environmental conditions	_____ Appropriate environmental conditions
_____ Available funding	_____ Available funding
_____ Geographic proximity	_____ Geographic proximity

What do you monitor to determine restoration success? Select all that apply.

- Social metrics
- Ecological metrics
- Geophysical metrics
- Economic metrics
- Community outreach metrics
- Other _____

How would you characterize the following potential challenges to successful restoration?

	Major Challenge	Moderate Challenge	Mild Challenge	Not a Challenge
Poor water quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coastal development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Permitting and regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public awareness or support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Site availability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Storms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you characterize the following potential challenges to successful restoration?

	Major Challenge	Moderate Challenge	Mild Challenge	Not a Challenge
Herbivory/predation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Competition with other species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Invasive species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dredge and fill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient financial resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which country do you currently reside?

In which state do you currently reside?

In what year were you born?

What is your highest degree?

- High school diploma or GED
- Bachelors
- Masters
- PhD

Which of the following best describes your employer?

- National government
- State or provincial government
- Academic institution
- Non-governmental organization (NGO)
- Private for-profit organization
- Local municipality (city or town)
- Other _____

Which of the following societies are you affiliated with?

- Restore America's Estuaries (RAE)
- Coastal & Estuarine Research Federation (CERF)
- International Society for Reef Studies (ISRS)

What is your gender?

- Male
- Female
- Other _____
- Prefer not to answer

How many years have you worked in restoration?