

WHISPERING an Island

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ALMOST Land / Water

Material + Temporal Ambiguity / Understanding of Interface

Land, n. & v.

'The part of the earth's surface that is not covered by water, as opposed to the sea or the air' (Oxford)

'An area of ground, especially when used for a particular purpose such as farming or building' (Cambridge)

Water, n. & v.

'A colorless, transparent, odorless liquid that forms the seas, lakes, rivers, and rain and is the basis of the fluids of living organisms' (Oxford)

'The level of an area of water' (Cambridge)



ALMOST Wild / Unwild

Management Ambiguity / Understanding of Wildness

Wild, adj. & n.

'... living in a state of nature; not tame; not domesticated...' (Oxford)

'Living or growing independently of people, in natural conditions, and with natural characteristics' (Cambridge)

Unwild, adj.

'Not wild; tame.' (Oxford)

Tame, adj.

'...not wild or fierce, either naturally or because of training or long involvement with humans...' (Cambridge)

What will happen when the island inundate? Will there still be WMA?

Untouched land

Native American land
c. 13,000 B.C. to 1,000 A.D.

An agricultural society supplemented with hunting, fishing and harvesting seafood.

Agricultural and aquacultural operations
1670s to 1870s

Tobacco and wheat plantations on the Eastern Shore slowly transitioned to oyster farming.

Recreational spaces
1800s to now

The Pocomoke Sound is still a popular area for fishing, hunting, crabbing and other wildlife-dependent recreation.

Key Moment
Conservation areas
1949 to now

Cedar Island is designated as a Wildlife Management Area and later a Wildland.

Rewild?
2100

From nature-based management to commercial operations

Human enjoyment and management based on wildlife

ALMOST Invisible / Obvious

Position Ambiguity / Understanding of Potential

Invisible, adj.

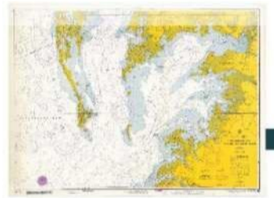
'Unable to be seen; not visible to the eye.' (Oxford)

'Impossible to see; ignore, not noticed, or not considered' (Cambridge)

Obvious, adj.

'easily perceived or understood; clear, self-evident, or apparent.' (Oxford)

'easy to see, recognize, or understand.' (Cambridge)



map of somerset county 1965

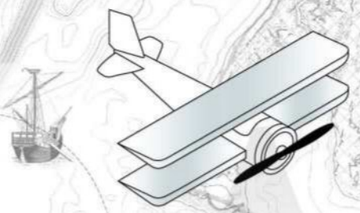


map of somerset county 1849



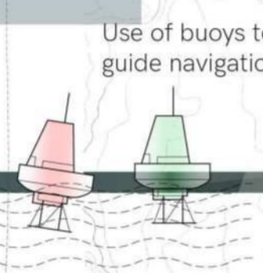
map of somerset county 1907

Use of cartographic techniques to delineate a solid land boundary of the marshes



Initial aerial photography from hot air balloons and airplanes revealing the murky nature of the marshland

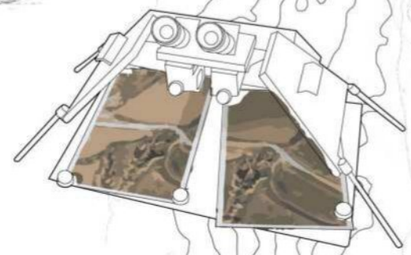




Use of buoys to guide navigation



Boats used to create navigation routes; most likely conveying the first impressions of the marshes



Use of a stereoscope to roughly map contours

up till the 19th century

20th century to today



Use of satellite imagery to further define the murky areas.

LIDAR allows us to further collect more precise data for vegetation, sea-level rise, habitats, etc.

LIDAR technology to gather data



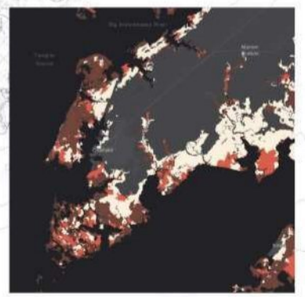
Environmental justice score



Coastal Resiliency Assessment



Wetland adaptation capacity



Marsh health

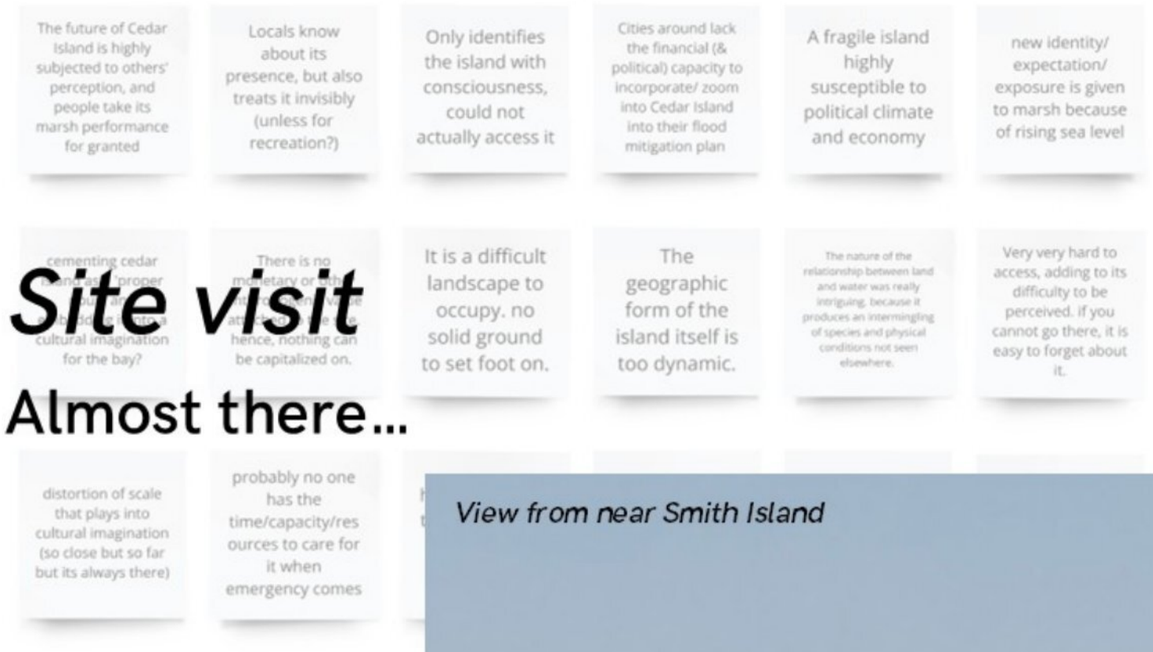


Atlas

Almost land/water
Almost wild/unwild
Almost invisible/obvious

Site visit

Almost there...



View from near Smith Island

View from Crisfield

View from Jenkins Creek

View from Little Annemessex River

Perception towards and purpose of Cedar Island

1. *Cedar Island lacks collective cultural identity*
2. *Cedar Island is changing faster than the surroundings can keep up*



Our Land *values*

1.

The definition of Land extends beyond the ground plane.

It includes the ‘under’ and some of the ‘over’.

2.

Land is temporary/
Land is transitional/
Land is experimental

3.

All Land is shared

However, the equity of these divisions must be analysed and redistributed if necessary.

4.

Value of Land is beyond the dichotomy of investment and wasteland.

Experimenting whispers

Existing issues | *The tool* | *Goals* | *Directions* | *The experiments*

Issue 1

Cedar Island lacks collective cultural idenity

Issue 2

Cedar Island is changing faster than the surroundings can keep up

Whisper

Whisper as sounds+stories

Whisper as constantly evolving interpretations depending on the receiver

Whisper as techniques of maintenance and small processes happening in different time frame

Goal 1

To raise cultural imagination

- **Direction 1** — *Existing interactions* → **Visual analysis** — *Whisper through views*; *Whisper through images*
- **Direction 2** — *Traditions and knowledge* → **Scenario building** — *Whisper through images*

Goal 2

To alter the speed of change

- **Direction 1** — *Speeding up the surrounding*
- **Direction 2** — *Slowing down Cedar Island* → **Geomorphology study** — *Whisper through processes*
- **Direction 3** — *Speeding up and slowing down* → *SYNTHESIS AND SPECULATION*

WHISPERS TO SHOW THE MARSHLAND PRESENCE

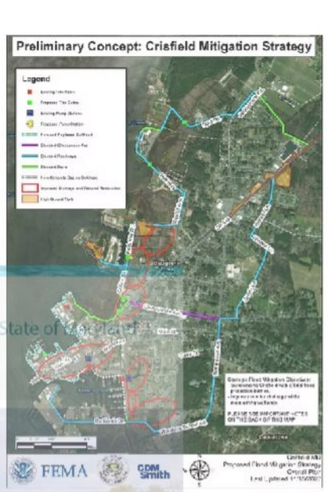
WHISPERS TO SPREAD HOPE FOR NEW ADAPTATION

WHISPERS TO FORM ATTACHMENT



Disappearing islands - Technological landscape

Infrastrucuture for unhabited islands

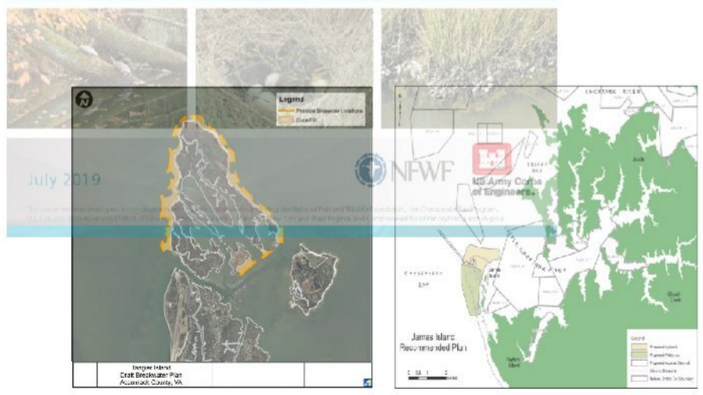




STABILITY
RESISTING THREAT
HARD + SOFT INFRASTRUCTURE

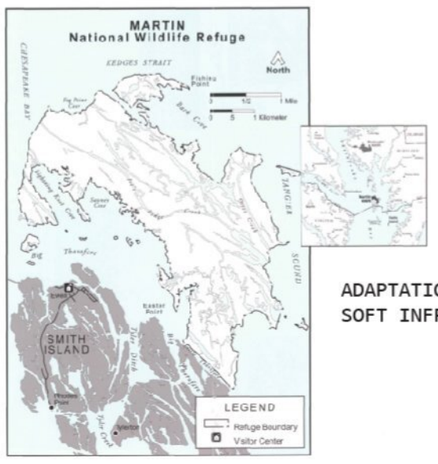
LOCAL GOVERNMENT
LOCAL RESIDENT
ENGINEER
FEMA





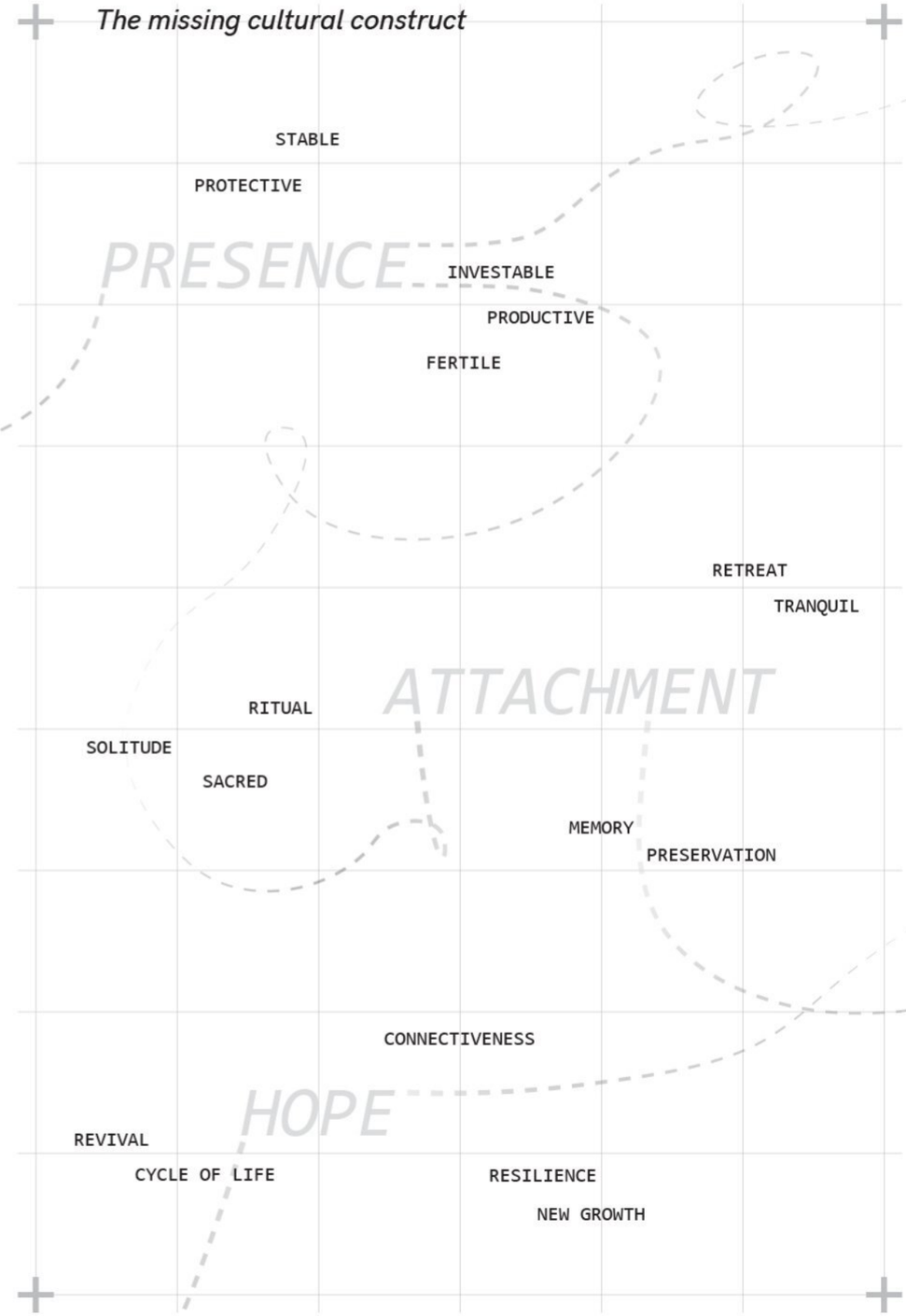
Living shoreline for eroding islands

FWS
ENGINEER



ADAPTATION
SOFT INFRASTRUCTURE

The missing cultural construct



Network of disappearing islands in Chesapeake Bay



Uninhabited islands

Cedar Island








Fox Island




Clump Island




Janes Island

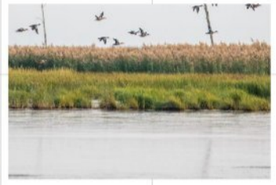





Eroding islands

Saxis

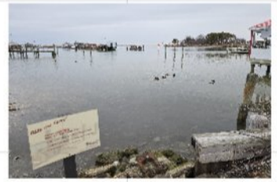


Smith Island




James Island






Holland Island



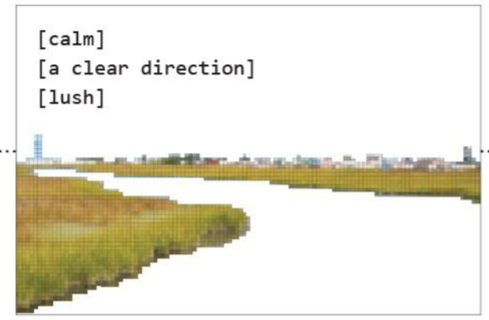

Tangier Island



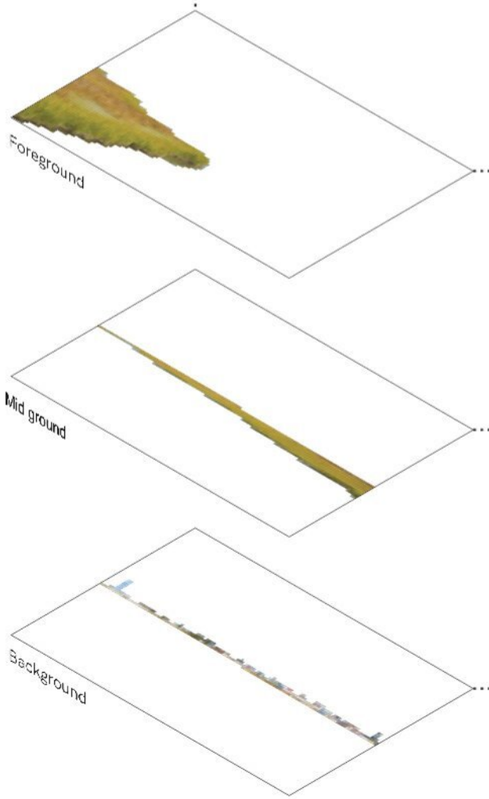

Instructional guide - Whisper through views

1 *Pixelation and impression tagging*

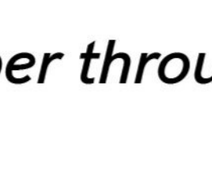




2 *Analyzing and tagging*



Size



view distance

Object



averaging color

Form



scatterness + feature

Feature database

3 *Type of hope*

Fertile

[lush] [landmass] [protected]
[controlled environment] [lively]
[economic activity]
[occupied land] [accessible]



4 *Composing view at specific moment*

Instructional guide - Whisper through images

Prompt

NEW LIFE
RESILIENCE
NEW GROWTH

HOPE

REVIVAL
CYCLE OF LIFE

CALM
STILLNESS
DISTANT

INVESTABLE

PRESCENCE

PROTECTIVE

Types of whisper

ATTACHMENT

SACRED
SOLEMN

PRESERVATION
MEMORY

NETWORK
CONNECTIVENESS
COMMUNITY
EXCHANGE

Context

RISING SEA LEVEL

PHANTOM ISLAND

FRAGMENTED MARSH
SINKING SALT MARSH

CHESAPEAKE BAY

Stakeholder

Means of whisper

POSTER

PHOTOGRAPHY

CALENDAR

RESEARCH

MAP

NEWS REPORT

Frequency

DAILY

CEREMONIAL

IRREGULAR

ChatGPT

Gencraft

Copilot

Recraft



[silt] [dredging] [festival] [performance]

ESTABLISH ATTACHMENT

CULTIVATE CARE

Instructional guide - Whisper through stories

Prompt

Genre

SCIENCE FICTION SONG

POEM FOLKLORE MANUAL

Context

RISING SEA LEVEL

SINKING ISLANDS CHESAPEAKE BAY

Stakeholder

HISTORIAN FARMER

ECO-TOURIST ENVIRONMENTAL ENGINEER DESCENDANT

SCIENTIST *LOCAL RESIDENT* ECOLOGIST

EXPLORER

World Building

LAND NEVER LOST

CONTINUOUS UNDERWATER LAND THE VANISHING ISLES

NEW MYTHS & LEGENDS RITUAL OF RENEWAL

REVIVING MEMORIES

RECLAIMING LAND AS NEW COMMUNITY

PATCH OF CULTURE

Time of Impact

2025 *2100* *2140* *2150* *2180* *2200*

ChatGPT

Copilot

"The Ritual of Renewal"

Setting: The year is 2100. The Chesapeake Bay's marshlands and islands are slowly sinking due to rising sea levels. The local communities have developed a unique ritual to combat the encroaching waters and preserve their way of life.

Plot: ***The Tradition Begins:*** As the waters began to rise, the people of the Chesapeake Bay turned to an ancient practice of dredging and piling up sediment to create new land. This practice, once a practical solution, evolved into a deeply rooted ritual known as the Ritual of Renewal.
The Ceremony: Every year, during the spring equinox, the communities gather for the Ritual of Renewal. The ceremony begins with a procession of boats, each carrying a symbolic load of sediment. The boats are decorated with flowers, lights, and banners representing the unity and resilience of the people.
The Dredging: Using advanced yet eco-friendly dredging technology, the communi ty members work together to collect sediment from the bay. The process is accom panied by traditional songs and chants, passed down through generations. The dredged sediment is carefully piled up to reinforce the sinking marshlands and create new islands.
The Blessing: Once the sediment is in place, a community elder, known as the Keeper of the Bay, performs a blessing. The elder recites ancient verses that honor the land and sea, asking for protection and prosperity. The blessing is believed to imbue the new land with strength and vitality.
The Celebration: The ritual concludes with a grand celebration. The community gathers for a feast, sharing food and stories. Music, dance, and fireworks light up the night, symbolizing hope and renewal. The celebration reinforces the bonds between the people and their connection to the land.
The Guardians: A group of dedicated individuals, known as the Guardians of the Marsh, oversee the ongoing maintenance of the newly created land. They monitor the health of the ecosystem, ensuring that the dredging process does not harm the environment. The Guardians are revered as protectors of the bay and its traditions.
The Legacy: The Ritual of Renewal becomes a symbol of the community's resilience and adaptability. It is a reminder that even in the face of adversity, the people of the Chesapeake Bay can come together to preserve their heritage and create a sustain able future.

Theme: ***Community and Unity:*** The ritual emphasizes the importance of working together to overcome challenges.
Tradition and Innovation: The story highlights the blend of ancient practices and modern technology.
Environmental Stewardship: The Guardians ensure that the ritual is conducted in an environmentally responsible manner.

"The Submerged Sanctuary"

Setting: The year is 2200. The Chesapeake Bay's sinking islands and marshlands have been transformed into a continuous underwater ecological system, known as the Submerged Sanctuary.

Plot: ***Transformation:*** Advanced technology and environmental engineering have allowed for the creation of a vast, interconnected underwater habitat. The former islands and marshlands are now part of a thriving underwater ecosystem, complete with artificial reefs, underwater gardens, and biodomes.

Functioning:

- Biodomes: Large, transparent biodomes house diverse plant and animal species, creating self-sustaining ecosystems. These biodomes are connected by underwater tunnels, allowing for the free movement of marine life and researchers.

- Energy and Resources: The sanctuary is powered by renewable energy sources, such as tidal and solar power. Desalination plants provide fresh water, while underwater farms grow crops using hydroponic and aquaponic systems.

- Research and Conservation: The sanctuary serves as a hub for marine research and conservation efforts. Scientists study the unique ecosystems and develop new technologies to protect and restore marine environments worldwide.

- Tourism and Education: The sanctuary attracts eco-tourists and students from around the globe. Guided tours and educational programs raise awareness about the importance of marine conservation and the impact of climate change.

Conflict and Resolution: As the sanctuary gains popularity, it faces threats from illegal fishing, pollution, and corporate interests seeking to exploit its resources. The residents and researchers must work together to protect the sanctuary and ensure its sustainability. Through innovative solutions and international cooperation, they manage to safeguard the Submerged Sanctuary for future generations.

A New Era: The story concludes with the Chesapeake Bay becoming a model for underwater ecological systems. The success of the Submerged Sanctuary inspires similar projects around the world, leading to a new era of environmental stewardship and harmony between humans and nature.

Marsh species

Plants: seagrass, mangroves, saltmarsh cordgrass
Animals: alligator snapping turtle, banded water snake, black-necked stilt, dolphins, greate egret
Invertebrates: crustaceans, oysters and clams
Fish: striped bass, menhaden

"The Vanishing Isles"

Beneath the moon’s uncertain glow,
Where restless tides still ebb and flow,
There lie the isles the elders swear,
That rise and fade like whispered air.
A traveler’s foot may grace their shore,
Yet find them gone forevermore,
For when the stars align just right,
The waters part to grant them sight.
Silver pools reflect the sky,
As seabirds call a siren’s cry,
But linger not, lest time betray,
And sweep the sacred land away.
For those who dream, the isles remain,
A fleeting glimpse through mist and rain,
A world between, not lost nor found,
A song of sea, of sky, of ground.

"Legends of the Lost Bay"

Setting: The year is 2150. The Chesapeake Bay has undergone dramatic changes due to rising sea levels. Many of its marshlands and islands have disappeared beneath the waves, giving rise to new myths and legends.

Plot: ***The Vanishing Lands***: As the waters rose, entire communities were displaced, and the once-fertile marshlands became submerged. The people who lived there passed down stories of their lost homes, creating a rich tapestry of folklore about the vanished lands.
The Guardians of the Deep: Legends speak of ancient spirits, known as the Guardians of the Deep, who protect the submerged lands. These spirits are believed to be the souls of those who perished when the islands sank. They are said to guide lost sailors and protect the underwater ecosystem from harm.
The Phantom Islands: Tales of phantom islands that appear and disappear with the tides become common. These islands are said to be remnants of the lost marshlands, visible only to those who truly believe in their existence. Some say they are portals to another world, where the past and present coexist.
The Merfolk of Chesapeake: Stories of merfolk living in the depths of the bay become widespread. These merfolk are believed to be descendants of the original inhabitants who adapted to life underwater. They are said to possess knowledge of ancient secrets and can communicate with marine life.
The Song of the Bay: A haunting melody, known as the Song of the Bay, is said to be heard on quiet nights. According to legend, it is the lament of the lost islands, sung by the spirits of the marshlands. Those who hear the song are believed to be blessed with good fortune and protection.
The Reclaimers: In the future, a group of people known as the Reclaimers emerges. They are descendants of the original inhabitants who have returned to the bay to reclaim their heritage. They live in harmony with the underwater environment, using advanced technology to restore and protect the submerged lands. The Reclaimers are seen as modern-day heroes, and their stories become part of the evolving folklore.
The Eternal Lighthouse: A mysterious lighthouse, said to be the last remnant of a sunken island, becomes a symbol of hope and resilience. It is believed to guide lost souls and ships to safety. The lighthouse keeper, a solitary figure, is said to possess the wisdom of the ages and is revered as a guardian of the bay.

Themes: ***Resilience and Adaptation***: The folklore reflects the resilience of the people and their ability to adapt to changing environments.
Connection to the Past: The stories emphasize the importance of remembering and honoring the past, even as the world changes.
Harmony with Nature: The legends highlight the need to live in harmony with the natural world and protect the environment.

"The Enigma of Chesapeake Bay"

Setting: The year is 2175. The once-sinking marshlands of the Chesapeake Bay have been transformed into an exclusive and mysterious tourist destination. Advanced technology has allowed for the creation of floating islands and luxurious underwater resorts.

Plot: ***Transformation***: The Chesapeake Bay, once threatened by rising sea levels, has been reimagined as a high-end tourist itinerary. Floating islands, connected by sleek, transparent walkways, offer breathtaking views of the underwater world. The area is marketed as a place of mystery and adventure, attracting wealthy tourists from around the globe.
The Return: Former residents of the lost islands, who were displaced by the rising waters, begin to return. They anchor their boats and start reclaiming the remaining marshland, determined to rebuild their community. These resilient individuals bring with them stories of the past and a deep connection to the land.
Mystery and Intrigue: The tourists are fascinated by the enigmatic history of the bay and the tales of the lost islands. Guided tours led by the former residents reveal hidden secrets and ancient artifacts, sparking curiosity and wonder. However, not all is as it seems. Strange occurrences and unexplained phenomena begin to surface, hinting at a deeper mystery beneath the waters.
Conflict and Resolution: As the new community grows, tensions arise between the former residents and the corporate entities that control the tourist industry. The residents strive to protect their heritage and the environment, while the corporations seek to maximize profits. Through collaboration and understanding, they find a way to coexist, creating a unique blend of tradition and modernity.
A New Beginning: The story concludes with the Chesapeake Bay becoming a symbol of harmony and resilience. The former residents and tourists alike learn to appreciate the beauty and mystery of the bay, forging a new community that honors the past while embracing the future.

"The Return to Chesapeake"

Setting: The year is 2180. The Chesapeake Bay's marshlands have been largely submerged due to rising sea levels, but a few resilient patches of marshland remain. These remaining areas become the focal point for the return of former residents who were displaced when their islands sank.

Plot: ***The Call to Return***: As the world grapples with climate change, a movement begins among the descendants of the original islanders of the Chesapeake Bay. They feel a deep connection to their ancestral lands and are determined to return and rebuild. Led by visionary leader Aiden Walker, they set out to reclaim the remaining marshlands.
The Journey Back: The returnees come from diverse backgrounds, having spread across the globe after their displacement. They bring with them different histories, cultures, and living practices. The journey back to the Chesapeake Bay is both a physical and emotional pilgrimage, filled with challenges and discoveries.
Reclaiming the Land: Upon arrival, the returnees use advanced technology to stabilize and expand the remaining marshlands. They employ eco-friendly dredging techniques, floating platforms, and bioengineering to create habitable spaces. The process is guided by a deep respect for the environment and the wisdom of their ancestors.
Forming the New Community: The new community, named "New Chesapeake," is a patchwork of different histories and living practices. The returnees blend their diverse traditions into a unique cultural tapestry. They establish communal living spaces, shared gardens, and sustainable energy systems. The community is governed by a council that values inclusivity, cooperation, and respect for the land.
Cultural Revival: The returnees revive old traditions and create new ones. Festivals, storytelling nights, and communal meals become central to their way of life. They celebrate their diverse heritage while forging a new, shared identity. The community becomes a living museum of the past and a beacon of hope for the future.
Challenges and Resilience: The new community faces challenges, including environmental threats, resource management, and external pressures from corporations seeking to exploit the land. Through resilience, innovation, and unity, they overcome these obstacles. The community's strength lies in its diversity and the shared commitment to their vision.
A New Legacy: The story concludes with New Chesapeake thriving as a model of sustainable living and cultural harmony. The community's success inspires other displaced groups to reclaim their heritage and rebuild in harmony with nature. The legacy of the original islanders lives on, woven into the fabric of a new, vibrant society.

"Echoes of the Lost Bay"

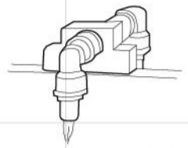
Setting: The year is 2140. The Chesapeake Bay's marshlands and islands have been sinking for decades, leaving behind only faint traces of their existence. However, a group of explorers and historians is determined to uncover the hidden mysteries and history of these lost lands.

Plot: ***The Discovery***: Dr. Maya Thompson, a renowned marine archaeologist, leads an expedition to explore the submerged ruins of the Chesapeake Bay. Using advanced underwater drones and sonar technology, her team discovers ancient artifacts and structures buried beneath the silt.
The Hidden Archive: Among the ruins, the team uncovers a hidden archive containing old maps, journals, and records from the original inhabitants of the islands. These documents reveal a rich history of the communities that once thrived in the marshlands, including their customs, traditions, and struggles.
The Enigmatic Symbols: The team finds mysterious symbols etched into the ruins, hinting at a deeper mystery. These symbols appear to be part of an ancient language or code, leading the team on a quest to decipher their meaning.
The Memory Stones: The explorers discover a series of "Memory Stones," ancient devices that store holographic recordings of the past. These stones contain vivid memories of the islands, capturing moments of daily life, celebrations, and significant events. The team uses advanced technology to unlock and view these recordings, bringing the history of the islands to life.
The Revival: Inspired by their discoveries, the team collaborates with local communities to revive the memory of the lost islands. They create a virtual reality museum, allowing people to experience the history and culture of the islands firsthand. The museum becomes a place of learning and reflection, preserving the legacy of the original inhabitants.
The Guardians of History: A group of dedicated individuals, known as the Guardians of History, emerges to protect and share the knowledge uncovered by the expedition. They work to ensure that the history of the islands is not forgotten and that future generations understand the importance of preserving their heritage
The Legacy: The story concludes with the Chesapeake Bay becoming a symbol of resilience and remembrance. The revived history of the islands inspires people to cherish their past and work towards a sustainable future. The Memory Stones and the virtual museum serve as a bridge between the past and present, keeping the spirit of the lost islands alive.

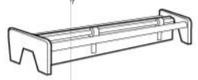
Theme: ***Discovery and Exploration***: The thrill of uncovering hidden mysteries and the excitement of exploring the unknown.
Preservation of History: The importance of remembering and honoring the past to inform and inspire the future.
Community and Heritage: The power of community in preserving and reviving cultural heritage.

Instructional guide - Whisper through processes

Dynamic element



Water source — 0 - 500 mm/s



Wave source — dealy, peddle, range

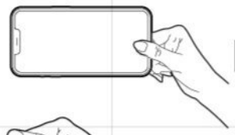


Moving sediment — fine/ small/ coarse/ big



Bucket — adding water level

Practice



Picture documentation



Piling



Dredging



Reinforcing

Physical change



Elevation — curve/ line/ irregular/ regular



Runnel — deep/ shallow/ long/ short/ reinforced



Form — one island/ archipelago

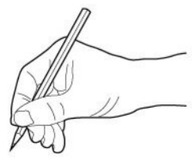


Planting — dense/ sparse/ large/ small/ clustered/scattered

Change over time

		0 min	2 min	4 min	6 min	8 min
Physical change	Elevation	elevated rose elevated curve				
	Runnel					
	Form	extended diagonal crisscross				
	Planting	archipelago				
Dynamic process	Wave source		Delay 3s Peddle 70% Range 80°	Delay 3s Peddle 90% Range 90°	Red net Rock Delay 1s Peddle 100% Range 90°	Yellow net Tsunami mode 4s
	Water source					
	Bucket	water level 20mm 1 tap slowly dripping				

Patterning key moment



hatching
stippling
solid line
faded line



sedimentation



erosion



form



water flow



root



water force

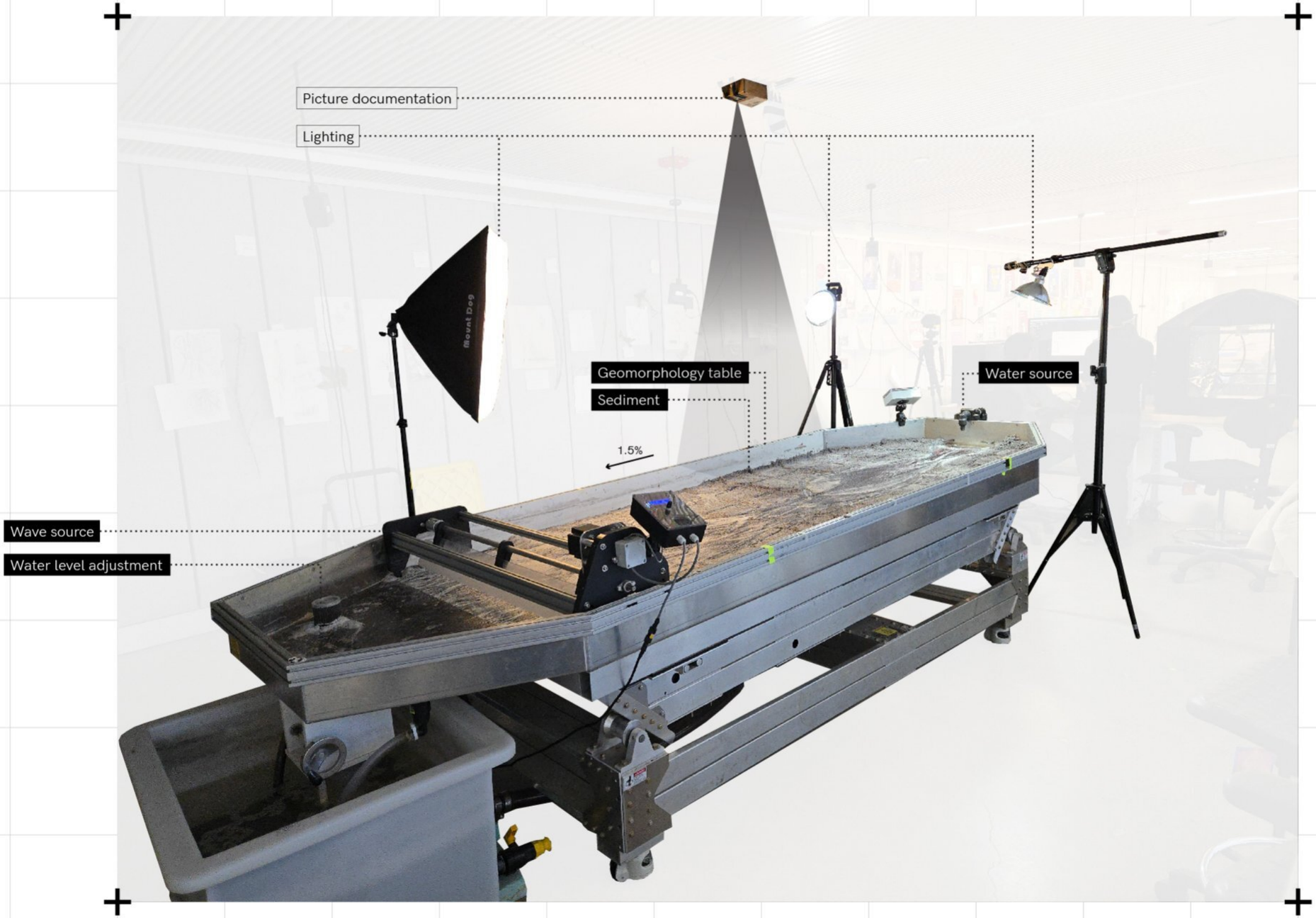


perpendicular
to center line

sediment movement

Instructional guide - Whisper through processes

Geomorphology table set up



PRODUCTIVE



EMERGENCE

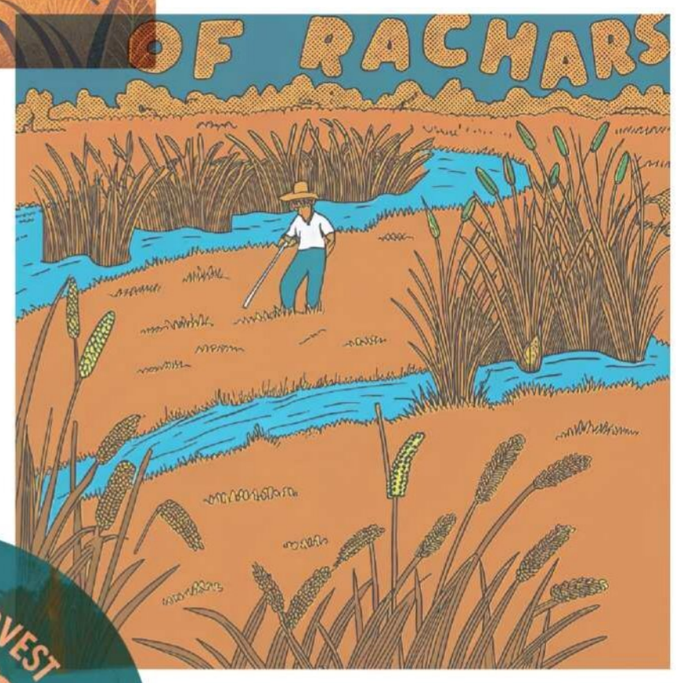
LUSH



OCCUPIED

FERTILE

FOOD PRODUCTION



PATCHES OF MARSHLAND WITH ROWS OF CATTAIL, SWAMP ROSE MALLOW, CORDGRASS FOR FARMER TO HARVEST



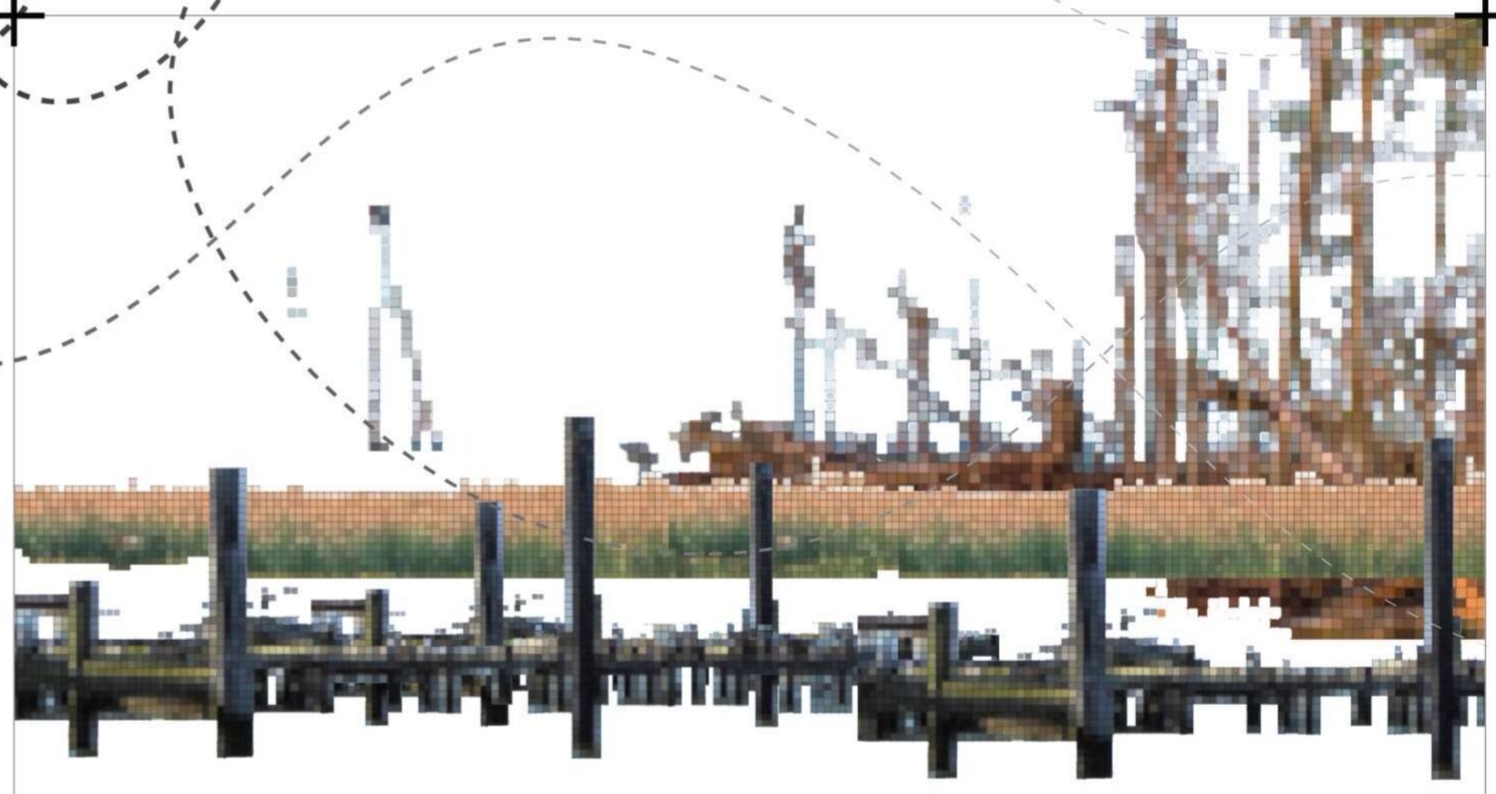
INVESTABLE

PATCHES OF MARSHLAND WITH ROWS OF CATTAIL, SWAMP ROSE MALLOW, CORDGRASS FOR FARMER TO HARVEST

IN THE BACK OF ONE'S MIND

Whispers of its ***presence***

ALWAYS THERE



SAFE

ANCHORED

THICKENING LINE

PROTECTIVE

LARGE SCALE INFRASTRUCTURE

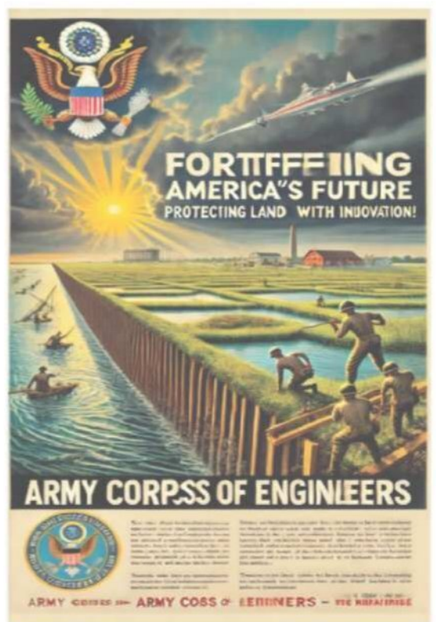
STRIP OF LAND ON THE HORIZON



DARK SOLID FORM

BOUNDED

CONTROLLED

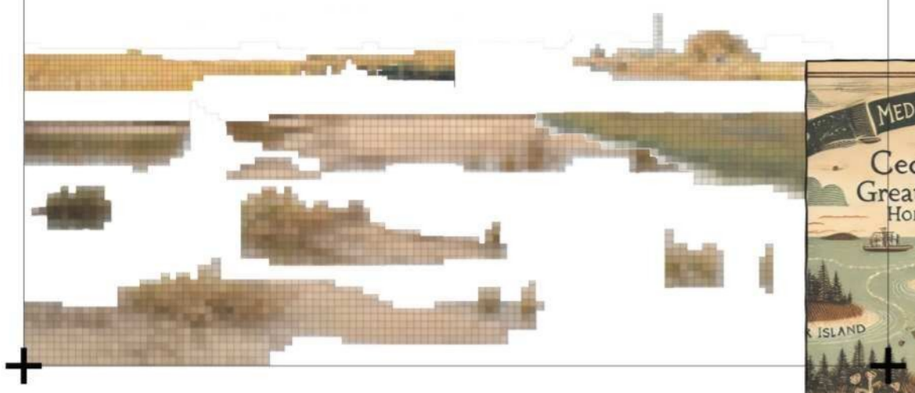


STABLE

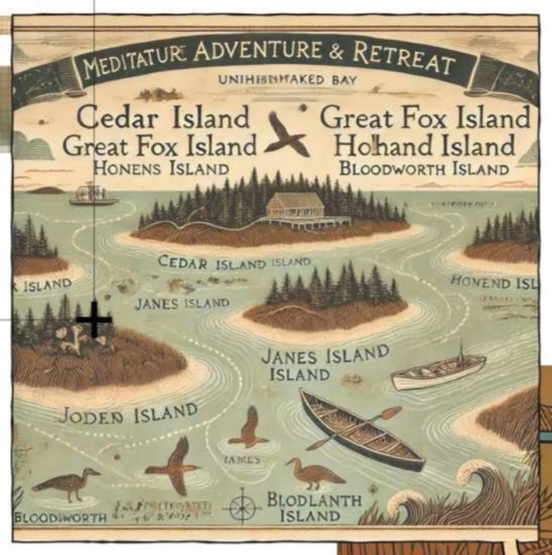
POSTER OF ENGINEERS AND WORKERS ACTIVELY DREDGING AND DEPOSITING SEDIMENT TO REINFORCE THE MARSH AS A FLOOD DEFENSE INFRASTRUCTURE

RETREAT

ADVENTURE



A GRAPHIC ITINERARY MAP FOR A MEDITATIVE ADVENTURE AND RETREAT JOURNEY ON THE UNINHABITED ISLANDS OF THE CHESAPEAKE BAY THROUGH CEDAR ISLAND, GREAT FOX ISLAND, JANES ISLAND, HOLLAND ISLAND AND BLOODSWORTH ISLAND



WELCOMING

TRANQUIL

PANORAMIC

SOFT

A PERSON HOLDING ON TREASURE MAP ABOUT TIME CAPSULES IN MARSHLANDS AND GOING ON A SOLO TRIP TO DISCOVER THE HISTORIES OF THE MARSHLAND OF THE CHESAPEAKE BAY



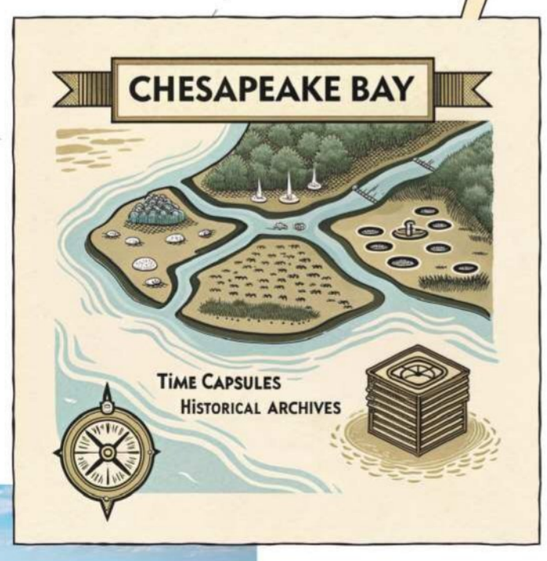
CLEAR PATH

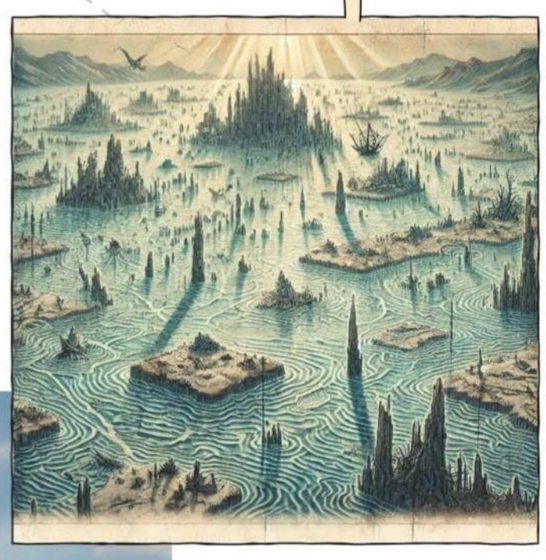
CALM

SOLITUDE

Whispers for **attachment**

FORMING A CULTURE OF CARE





STILLNESS

RITUAL

PICTURE THE SUNKEN ISLANDS OF CHESAPEAKE BAY MARSHLAND AS THE MAP OF THE LOST ATLANTIS UNDER THE SHALLOW WATER

RUINS

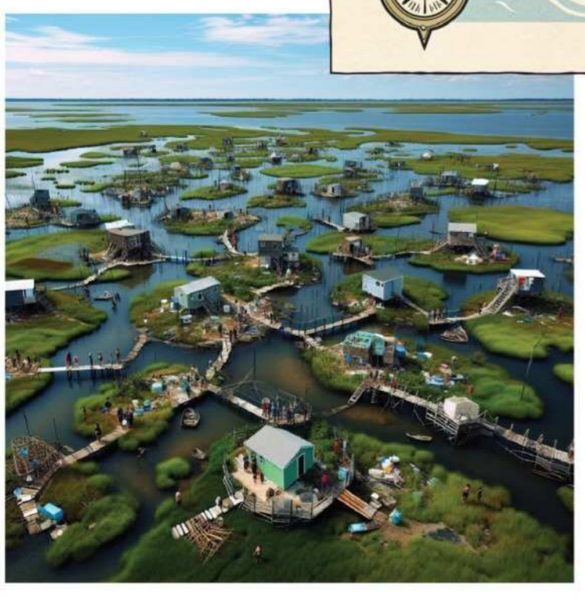
SOMBER

PATCHES OF ISLAND HISTORY

SOMETHING HIDDEN

PRESERVATION

DECAY



TREASURE MAP SHOWING LAYERS OF MARSHLAND SEDIMENTS OF THE CHESAPEAKE BAY COVERING TIME CAPSULES AND HISTORICAL ARCHIVES OF SUNKEN ISLANDS

MEMORY

END OF SOMETHING

TIME CAPSULE

IMAGE OF PATCHES OF MARSHLAND PIECED TOGETHER BY RESIDENTS OF SUNKEN ISLANDS OF THE CHESAPEAKE BAY

PASSAGE OF TIME

SACRED

MYSTERIOUS

ISOLATED

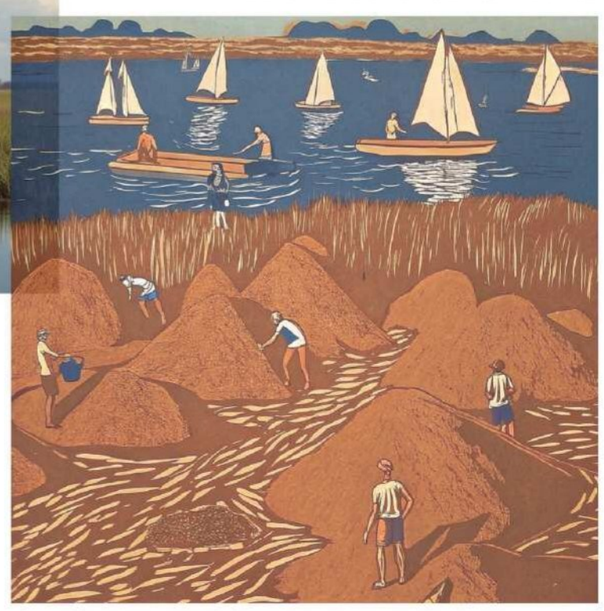


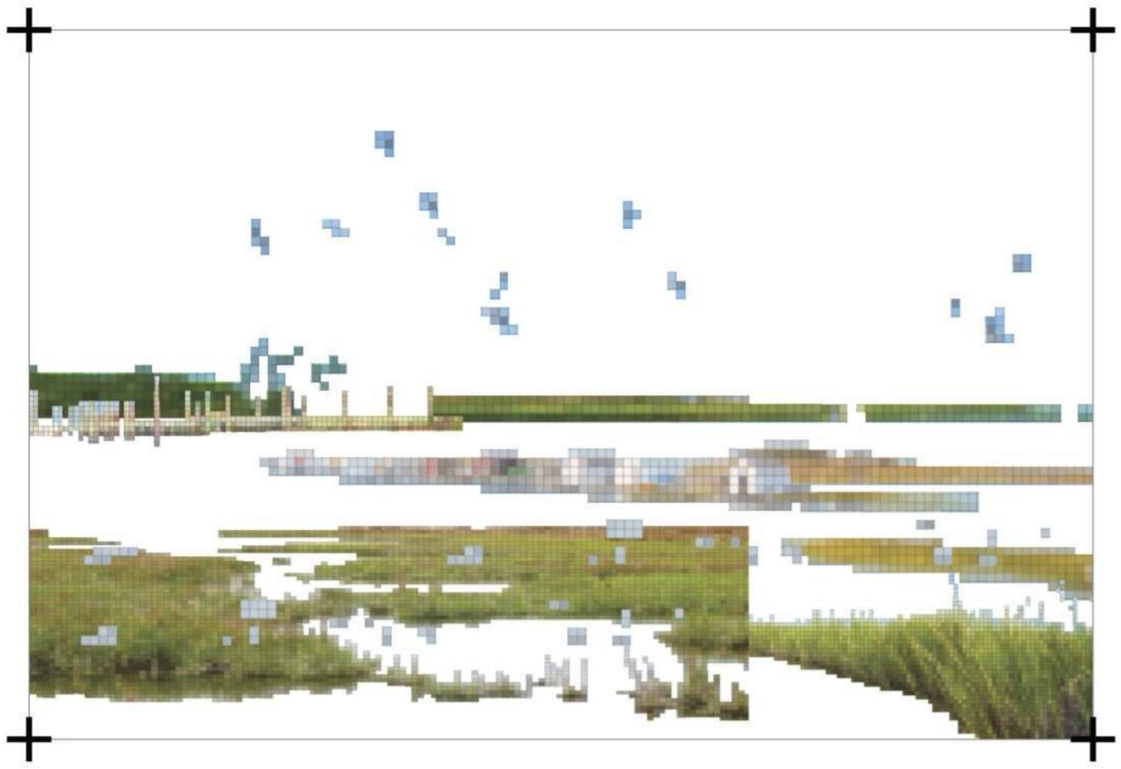
CREATE AN IMAGE WHERE A MOVEMENT BEGINS AMONG THE DESCENDANTS OF THE SUNKEN ISLANDS OF THE CHESAPEAKE BAY TO RETURN AND CREATE A PATCHWORK OF HISTORIES AND LIVING PRACTICES IN THE REMAINING MARSHLAND OF THE CEDAR ISLAND WMA

FLOATING

UNREAL

SILT DREDGING FESTIVAL WITH PERFORMANCE, SEDIMENT PILING AND SAILING BY A GROUP OF PEOPLE IN THE MARSHLAND OF THE CHESAPEAKE BAY





LIVELY

NEW GROWTH



YOUNG, SMALL PATCHES OF MARSHLAND GROWTH AND AQUATIC VEGETATION EMERGING OUT OF WATER IN THE MARSHLAND AREA OF CHESAPEAKE BAY

CONNECTIVENESS

NEW INTERCONNECTED SYSTEM

RESILIENCE

VIBRANT

EMERGENCE

A POSTER THAT ILLUSTRATE THE VANISHING MARSHLANDS OF CHESAPEAKE BAY AND PHANTOM ISLANDS THAT APPEAR ONLY WHEN THE TIDE IS LOW



SEA LEVEL RISE

CLIMATE CHANGE NOT AS A PROBLEM

CONNECTED LAND MASS

BUT A NEW ADAPTATION

Whispers of **hope**

REVIVAL

NEW MYTHS AND LEGENDS

PHANTOM ISLANDS

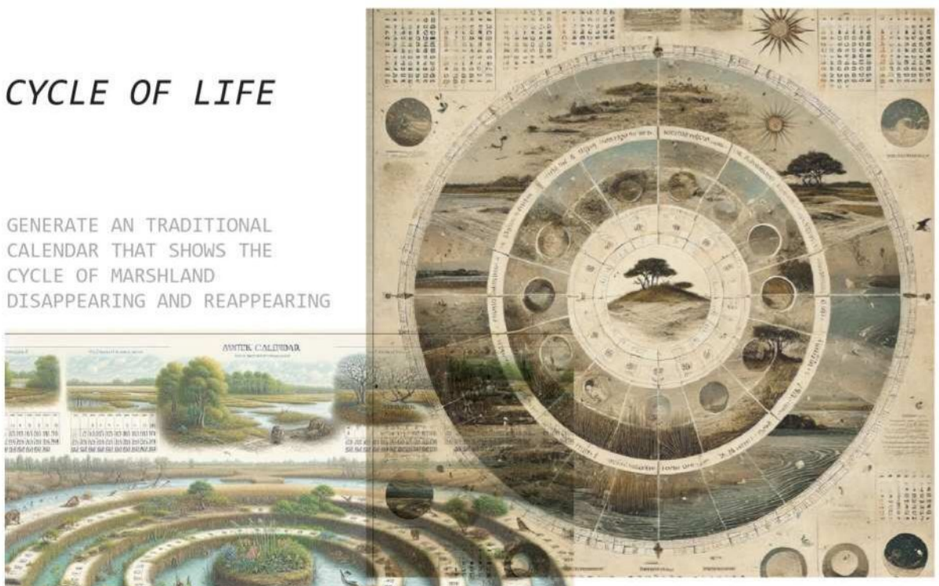


NEW NETWORK OF ECOSYSTEM FORMED THAT SHOW COEXISTANCE PEOPLE STRIVING TO RECLAIM THE SINKING MARSHLAND AND WILDLIFE INCLUDING BIRDS, DUCKS, BEETLES, SHOWING LAND CONNECTED ABOVE AND UNDERWATER

CYCLE OF PHANTOM MARSHLANDS AND TIDAL FLAT ISLANDS, REFERENCING CHINESE 24 SOLAR TERMS

CYCLE OF LIFE

GENERATE AN TRADITIONAL CALENDAR THAT SHOWS THE CYCLE OF MARSHLAND DISAPPEARING AND REAPPEARING



REMNANTS

MYTH OF EPHEMERAL PHANTOM ISLAND/ CAVE PAINTING/ PETROGLYPH OF TIDAL FLAT APPEAR ONLY AT CERTAIN TIMES OF THE YEAR

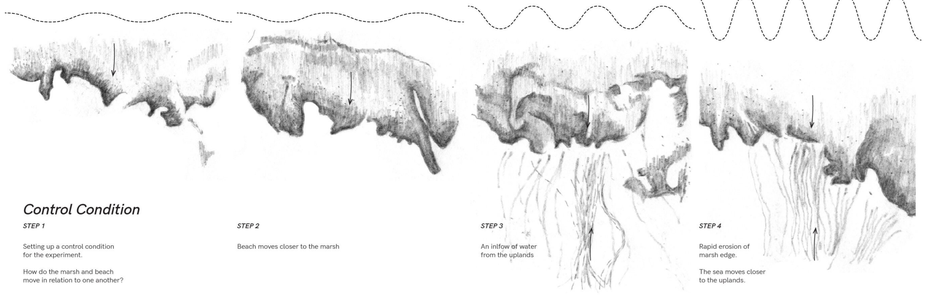


Whisper through Processes

A catalogue of 'proto-type' experiments with the geomorphology table.

How do different geometries react with changing flows of the waves? Can water be kept moving? Can its march be slowed down?

water force
land force
centrelines of forms
form
sedimentation
root
gentle wave condition
high wave condition
storm wave condition
erosion
water flow
water pooling



Control Condition

STEP 1

Setting up a control condition for the experiment.

How do the marsh and beach move in relation to one another?

STEP 2

Beach moves closer to the marsh

STEP 3

An inlfow of water from the uplands

STEP 4

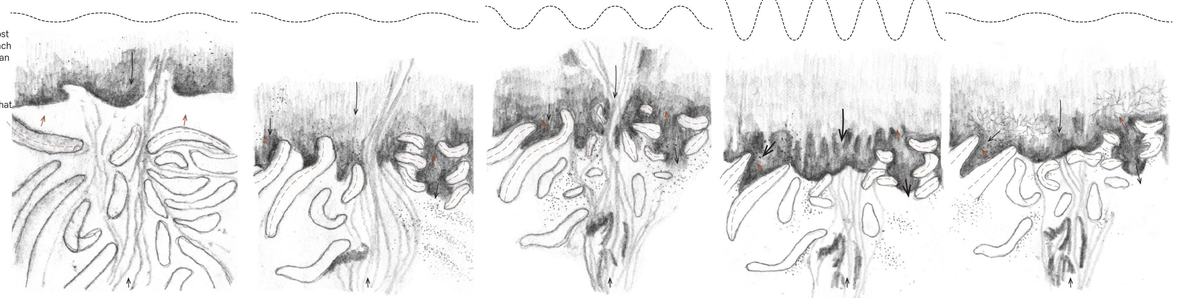
Rapid erosion of marsh edge.

The sea moves closer to the uplands.

Form 1

Small isles get lost in the water. Beach moves slower than the control test.

An eventual disappearance that is slowed down.



STEP 1 Creating curved isles

STEP 2 Collection of sediment in between the curves

STEP 3 Gradual erosion of the form

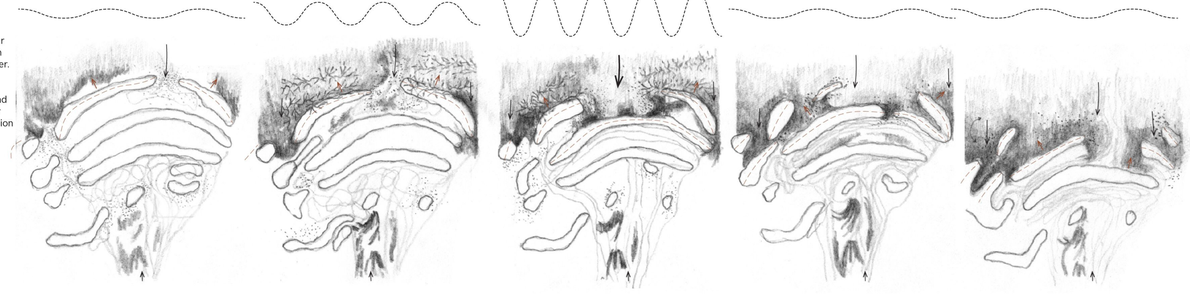
STEP 4 With increased erosion, the beach moves more upland

STEP 5 Introduction of SAV, slowed movement of the beach

Form 2

Curves of similar orientation push out into the water.

The form sees rapid erosion and maximum water pooling/inundation



STEP 1 Creating 'C's that push into the sea

STEP 2 A break in the form, creating an inlet

STEP 3 The sea rushes in through the crevices of the form

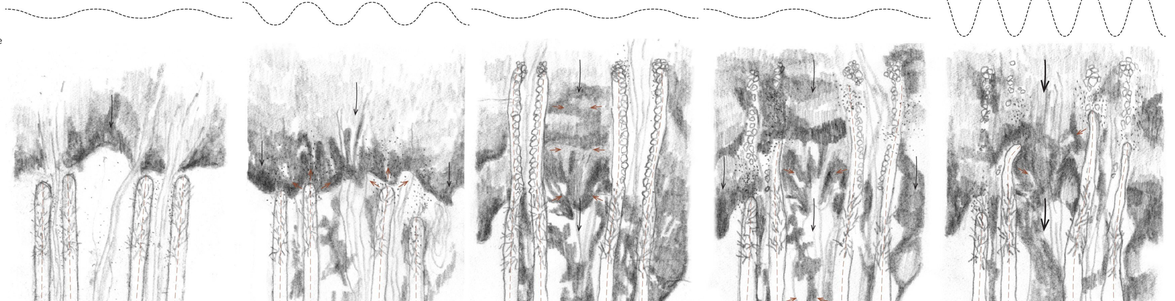
STEP 4 Erosion and sedimentation take place in the same locations

STEP 5 The 'C's eventually disintegrate. A lot of water is inundated behind the last 'C'

Form 3

This form sees more sedimentation than others.

New landforms are created in a similar manner even as the old ones vanish.



STEP 1 Long arms extending into the sea

STEP 2 Collection of sediment at the 'tips' of these arms

STEP 3 Adding reinforcement. Sediment gathers in the middle

STEP 4 The form disintegrates

STEP 5 Sediment is deposited in similar forms

Form 4

The form is too fragile and disappears rather fast. However, there was very little water movement upland



STEP 1 Big grains give way to smaller grains pushing into the sea

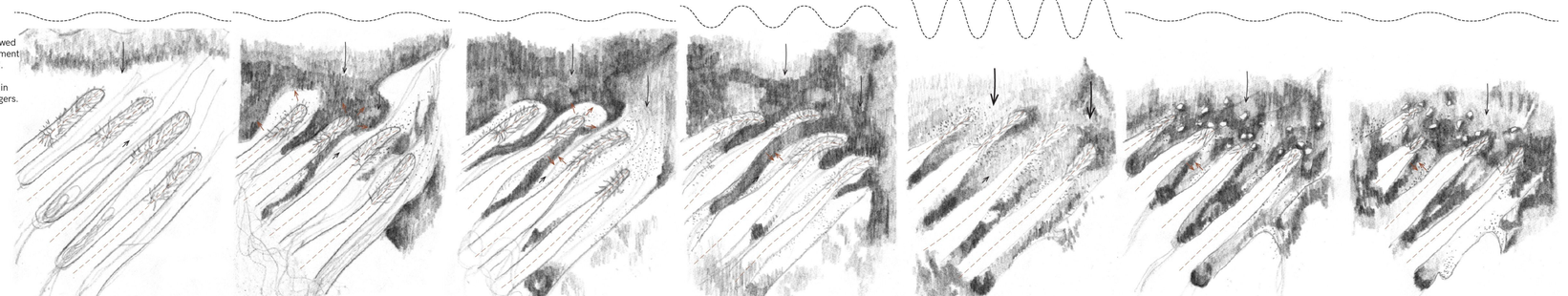
STEP 2 A break in the form, creating an inlet

STEP 3 The sea rushes in through the crevices of the form

Form 5

Significantly slowed down the movement of water upland.

It tends to pool in between the fingers.



STEP 1 'Fingers' extending into the sea at an angle

STEP 2 Water starts pooling at the back

STEP 3 Sediment aggregates at the juncture of two 'fingers'

STEP 4 The first two arms quickly start eroding

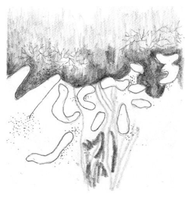
STEP 5 Storm event pushes everything back/upland

STEP 5 Reinforcing the most fragile parts of the arms with large to semi-large rocks

STEP 5 New lands built in the crevices

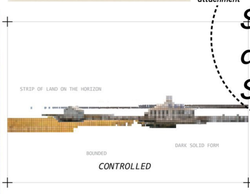
FORM 1



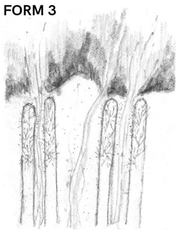


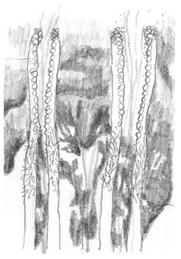


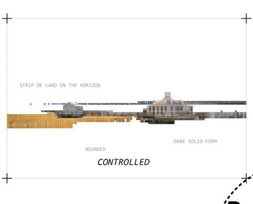
hope
cycle of life - REVIVAL
attachment
The Sacred and the Solemn

FORM 3











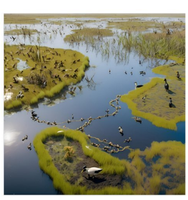


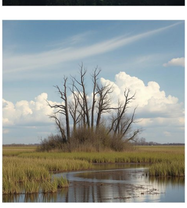
hope
new life, new growth
Preservation and Memory
attachment

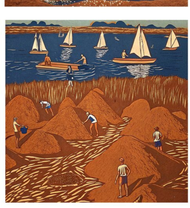
FORM 4





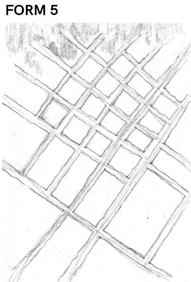
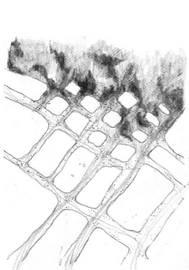
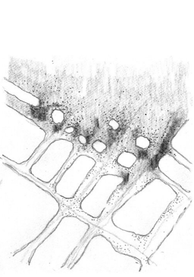
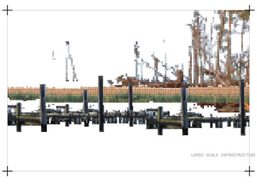







hope
network connected-ness
The Sacred and the Solemn
attachment
Protection
presence

FORM 5



Protective and Controllable
presence

2030

CURVILINEAR FORMS GUIDE WATER FROM UPLAND TO THE SEA

WITNESSING A DISAPPEARING HERITAGE

2050

SEDIMENT SETTLING IN THE NOOKS AND CRANIES OF THE ERODING FORMS.

REFORMING A THICK MARSH LANDSCAPE TO SLOW DOWN THE RATE OF CHANGE

2075

RAPIDLY ERODING LANDFORMS FLOW INTO THE SEA. THE MEMORY OF AN EXTENDED MARSH REMAINS.

PROTECTING THE SACRED

2100

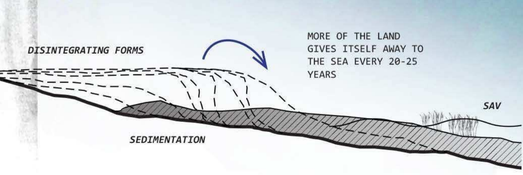
THE BEACH BUILDS ITSELF UP EVEN AS THE FORM DISINTEGRATES IN THE SAME SPACE.

THE TREE - A SYMBOLIC SACRED. DOES IT SUCCUMB TO THE DISINTEGRATION?

2125

THE PREVIOUSLY HIGH MARSH IS TRANSFORMED INTO TIDAL FLATS

THE PREVIOUSLY HIGH MARSH IS TRANSFORMED INTO TIDAL FLATS



MORE DISCHARGE OF WATER AND SEDIMENTS FROM LAND TO WATER

WAVE DIRECTION

2030

2075

2100

2150

CONSTRUCTING BY ENGINEERS, NEARBY RESIDENTS

BURYING AND HIDDEN BY NEARBY RESIDENTS, HISTORIANS, ECOLOGISTS

DECONSTRUCTING BY WAVES

UNCOVERING AND RELEASING BY WAVES

PATCHES OF HYBRID ECOSYSTEMS AND NEW INTERSPECIES INTERACTIONS

BIG SWASH ZONE

TRANSPORT OF GERMINATED SEEDS, PLANTS, SEDIMENTS

REACHING FURTHER TO GREAT FOX ISLAND

MORE EXCHANGE WITH OFFSHORE ISLANDS



TIME CAPSULES, ISLAND ARTIFACTS, SEEDS, SOIL...

DELAYED RELEASING OF PLANTING CAPSULES

SEEDS AND ARTIFACTS DISCHARGED THROUGH THE CHANNELS

SEDIMENT ERODING REVEALING THE BURIED ITEMS

SEEDS AND ARTIFACTS HIDDEN UNDER THE CONSTRUCTED STRUCTURES

2030

ACTIVE FORMATION OF BEACH BACKED BY MARSH

WAVE DIRECTION

ARMY CORPS DREDGE TO CREATE RUNNEL TO ENHANCE FLOOD MITIGATION

2075

COMMUNITY REINFORCE MARSH, BECOMING LOCAL RITUAL

2100

THIN LAYER PLACEMENT ON ERODED MARSH, ANNUAL FESTIVAL

2150

ROCKS TO MITIGATION EXTREME STORM, NEW LANDFORM AS NAVIGATION POINT

2200

LANDFORM ERODED INTO SEDIMENT

MORE ISLANDS

SEDIMENT MOVEMENT CALENDAR, DEVELOPED BY HYDROLOGIST & PHENOMENOLOGIST

CURIOUS LOCALS & TOURISTS, SEE PERFORMATIVE DREDGING

LAND IS CONNECTED BY SEDIMENTATION

REVIVAL OF LIFE, NEW GROVE

CONTINUOUS CARE & WAVE PROCESS CONSTANTLY CHANGE RUNNEL PROFILE