Launching ShoreNet

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Cataloger and archivist

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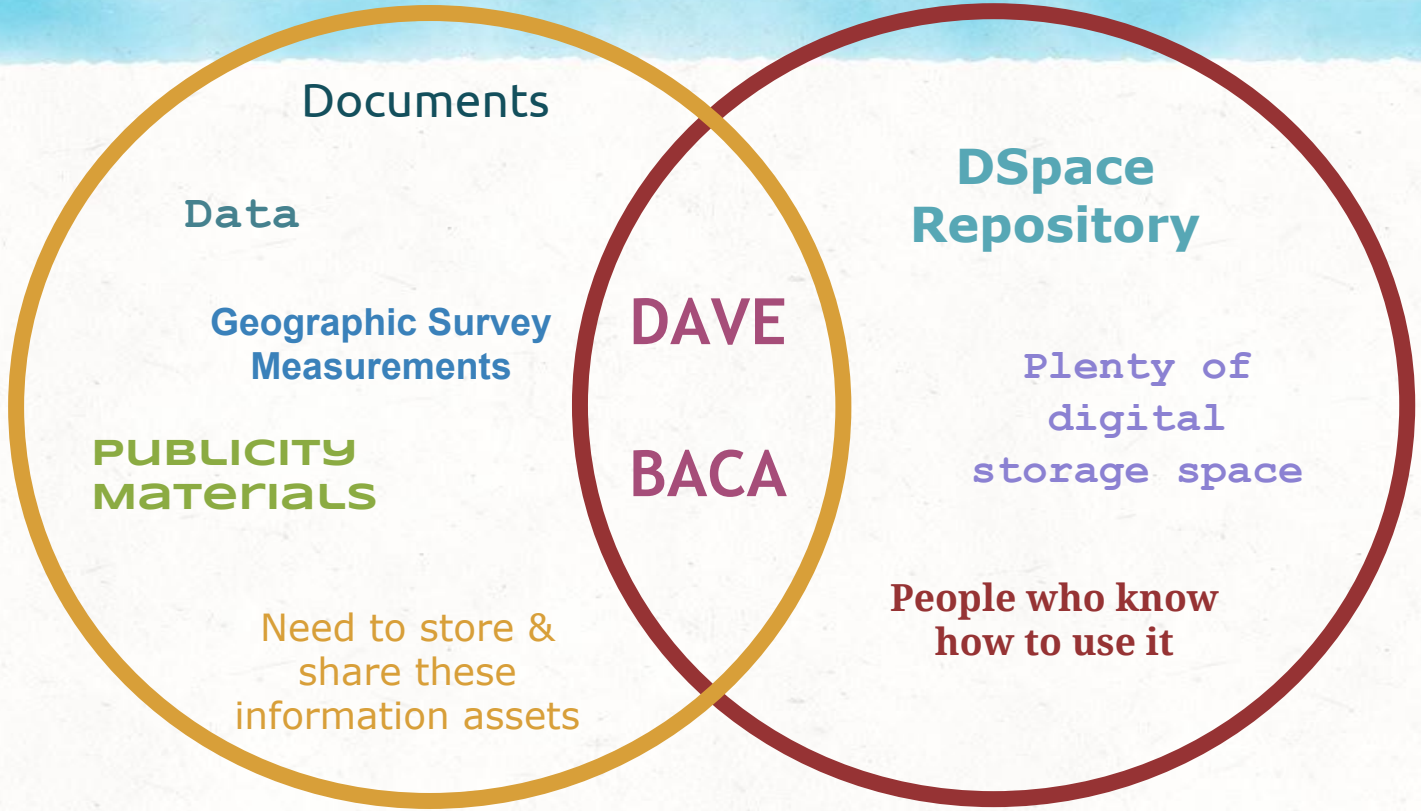
Digital Initiatives Librarian

Jack K. Williams Library, Texas A+M University at Galveston

2016 Texas Conference on Digital Libraries
Austin, TX 2016-05-25

http://tinyurl.com/TCDL2016-AJM-LKM

TAMUG's Jack K. Williams Library

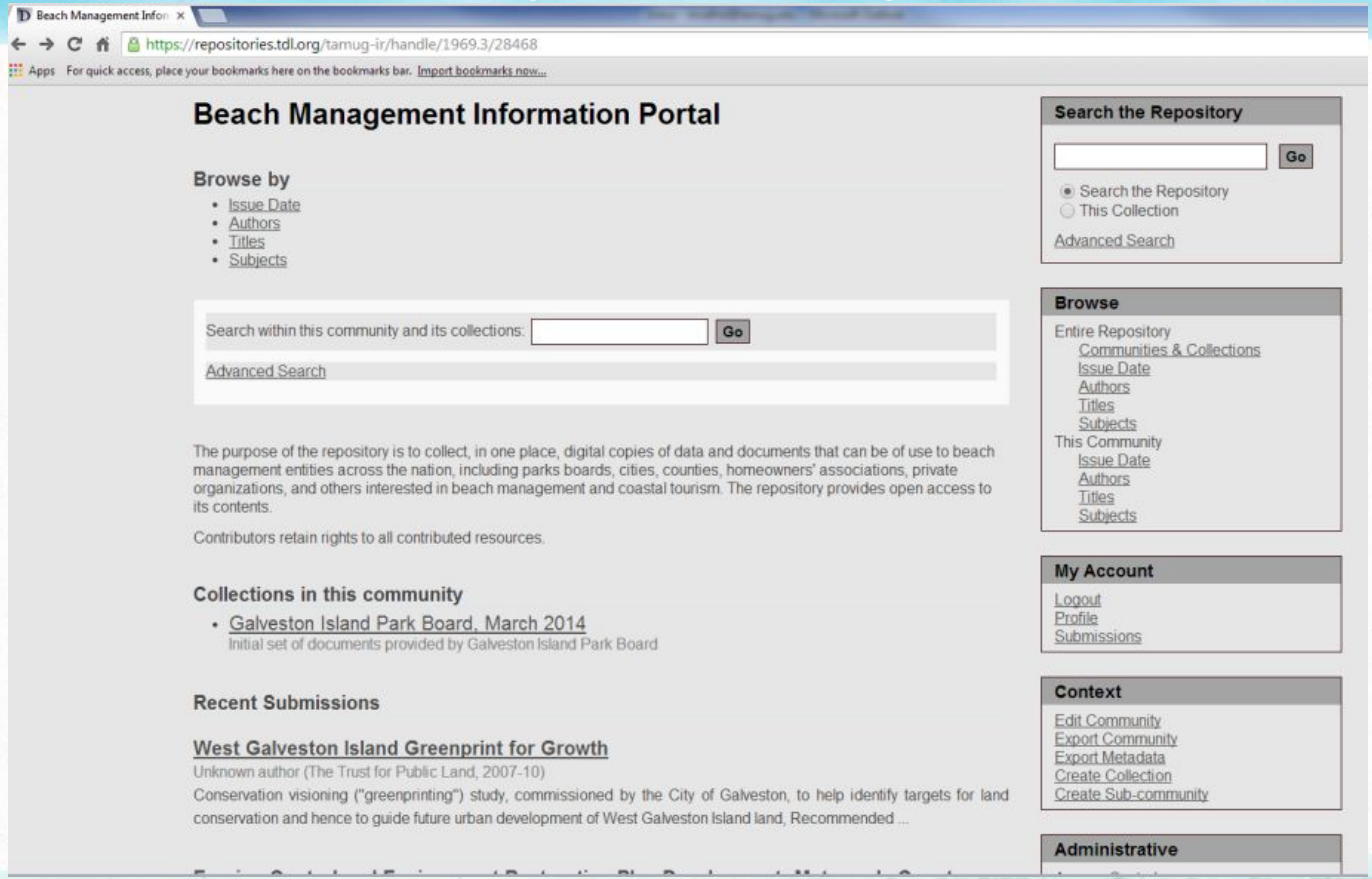


Galveston Island Park Board of Trustees

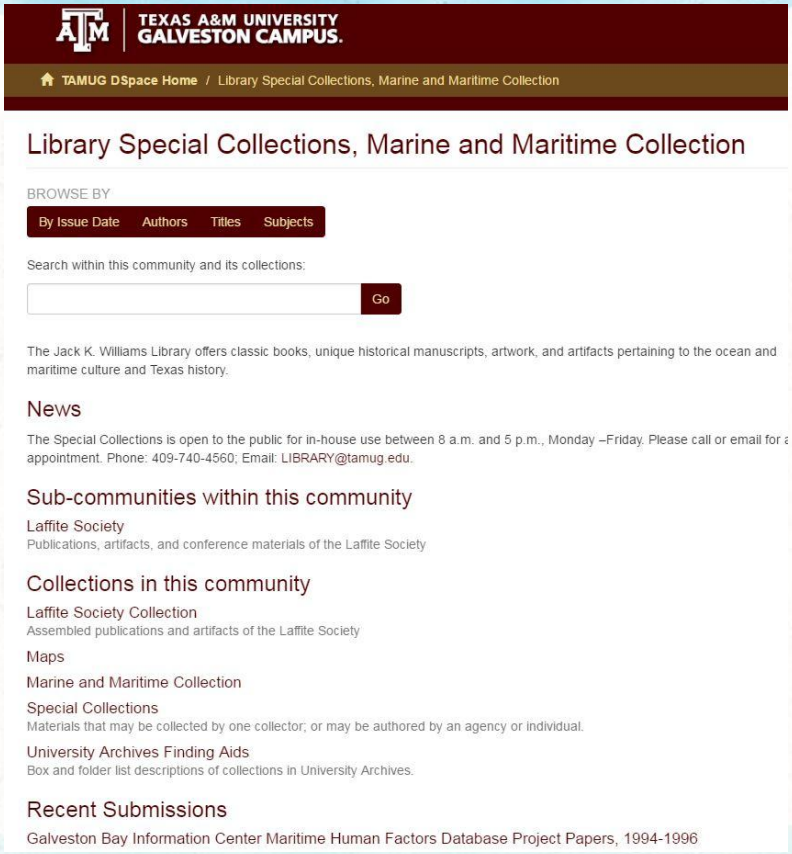
In the beginning…

- Initial “office dump” of Park Board documents into DSpace
  - Some born digital; others required scanning
  - Some were rejected for copyright reasons
- Additional boxes received July 2015
- Began searching online for materials from other locations

...there was the Beach Management Information Portal.



Entry-Level Customization: New Theming



GIS Experience

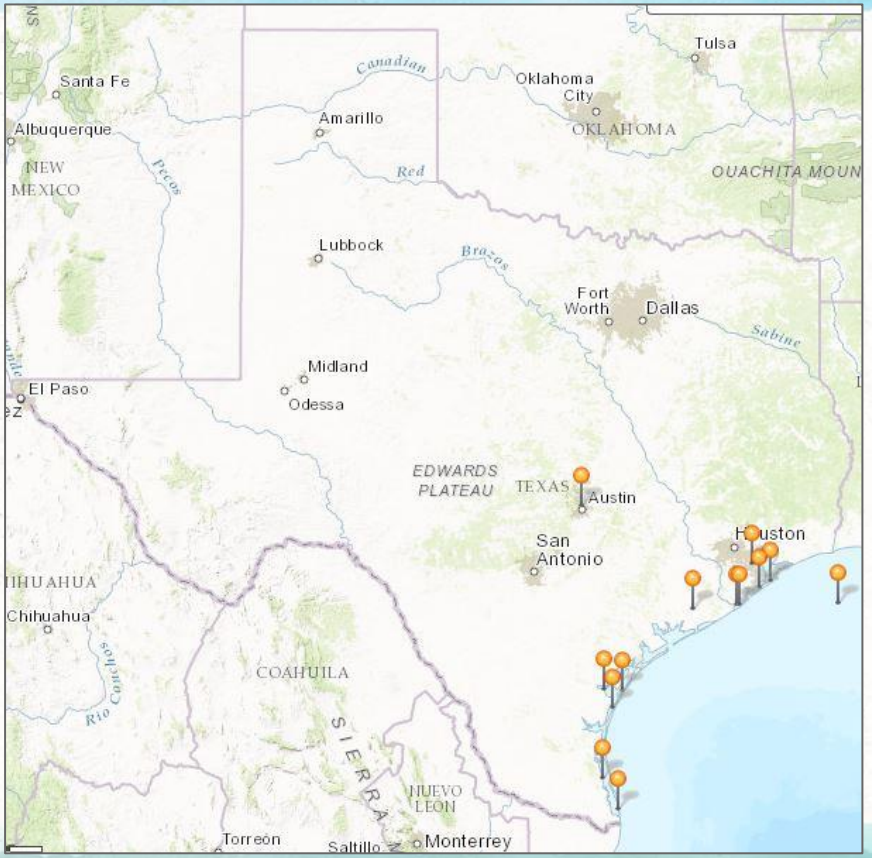
- No GIS experience, Alex attended ESRI's Intro GIS course for two days
- Crash course in ArcMap and ArcGIS online
- Discussed the project with instructor and asked for advice

Advantages

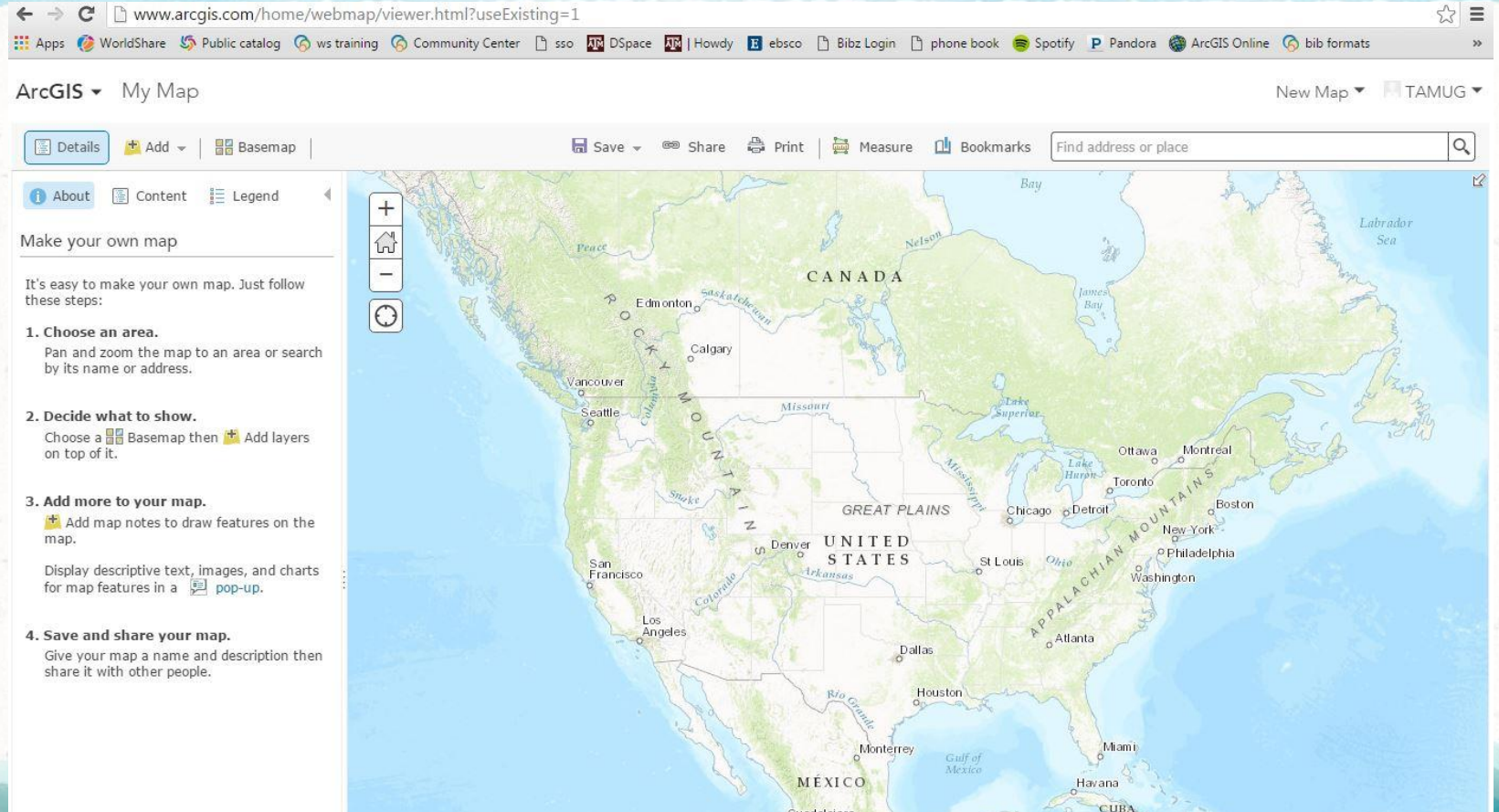
- No programming experience, no problem!
- Created an account for the library
- Free to non-commercial users
- 2GB of free storage

GIS Map

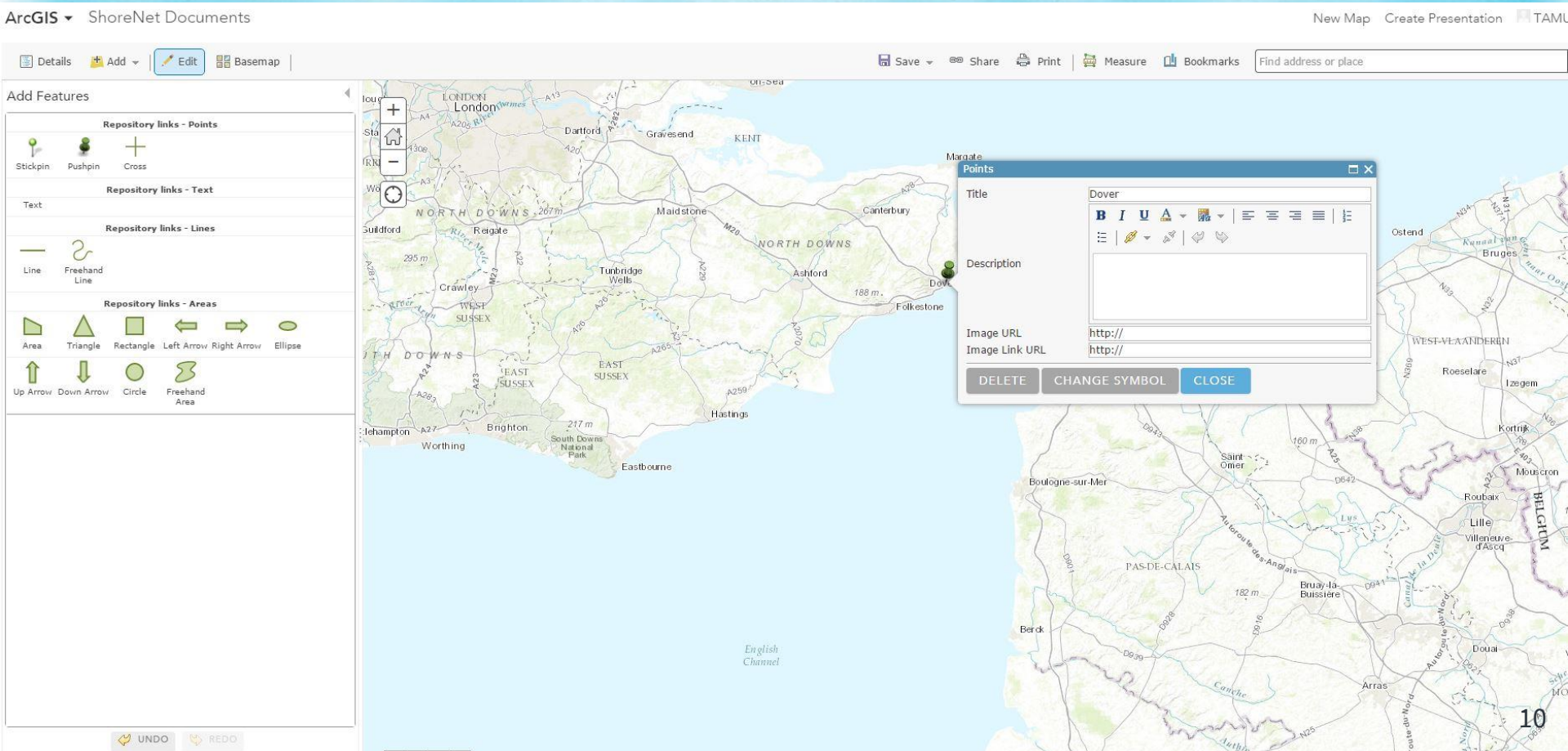
- Pins are linked to geographic subject pages in the repository
- Each city, US state, and country (outside of the US) represented in repository gets a pin



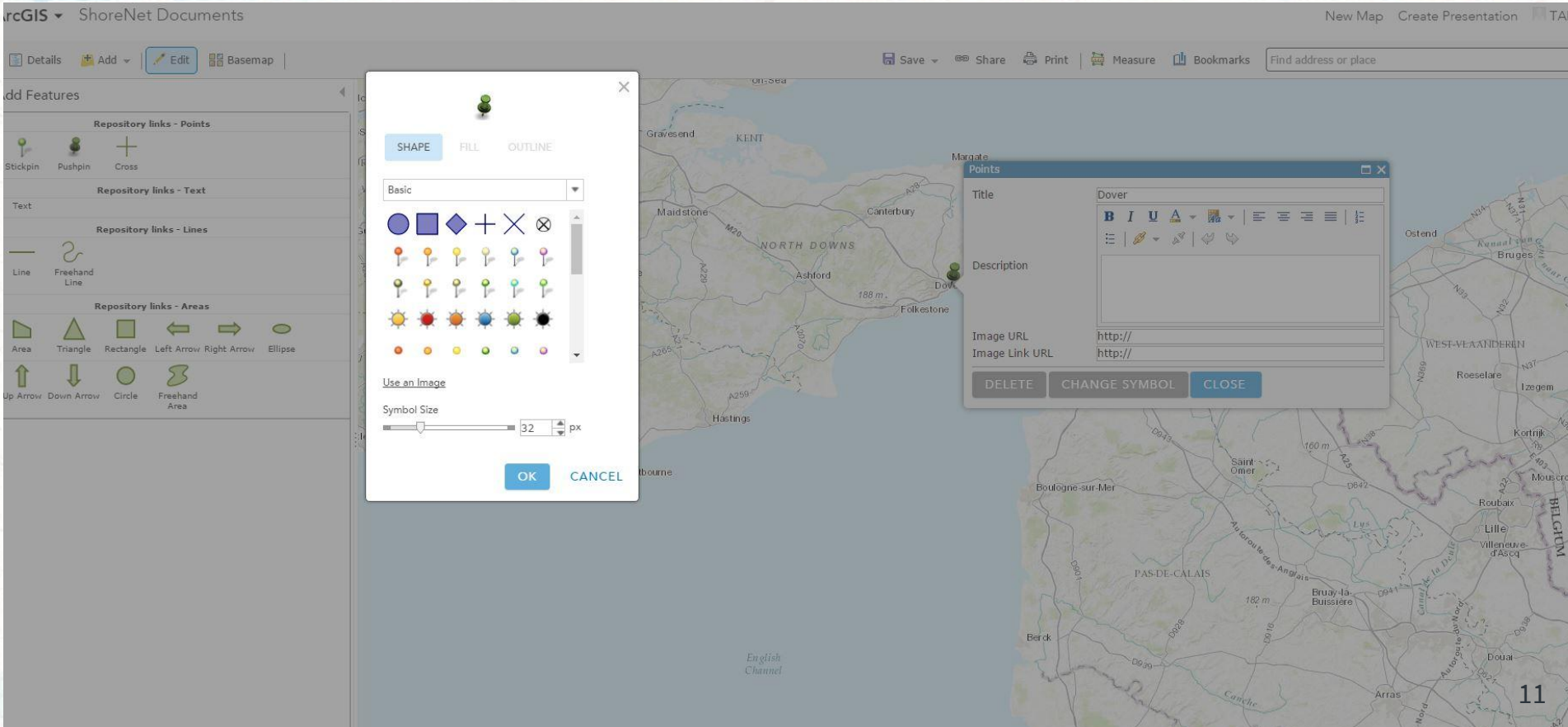
Create a new map and choose a basemap

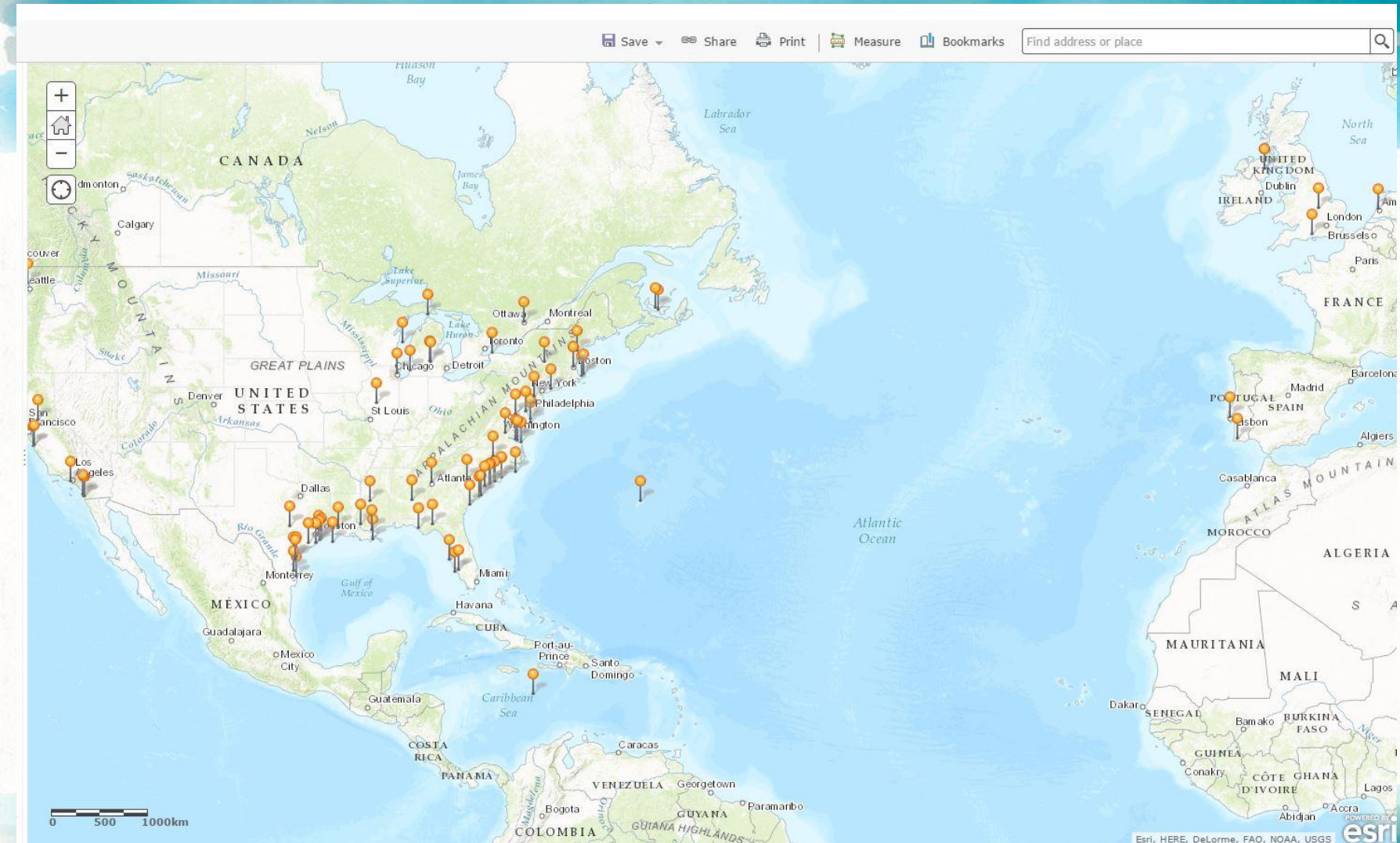


Add a pin and corresponding title and links



Format your pin to make it stand out




Save
Share
Print
Measure
Bookmarks
Find address or place
CANADA
UNITED STATES
MÉXICO
CUBA
GREAT PLAINS
APPALACHIAN MOUNTAINS
ROCKY MOUNTAINS
ATLAS MOUNTAINS
Atlantic Ocean
Labrador Sea
North Sea
Caribbean Sea
Gulf of Mexico
Hudson Bay
Lake Superior
Lake Huron
Ohio
Missouri
Mississippi
Rio Grande
Colorado
Arkansas
Snake
Nelson
Saskatchewan
James Bay
Ottawa
Montreal
Toronto
Chicago
Detroit
Boston
New York
Philadelphia
Washington
St Louis
Atlanta
Dallas
Houston
Miami
Monterrey
Havana
Guadalajara
Mexico City
Guatemala
Port-au-Prince
Santo Domingo
Caracas
Georgetown
Paramaribo
Bogota
Denver
Calgary
Edmonton
Vancouver
Seattle
San Francisco
Los Angeles
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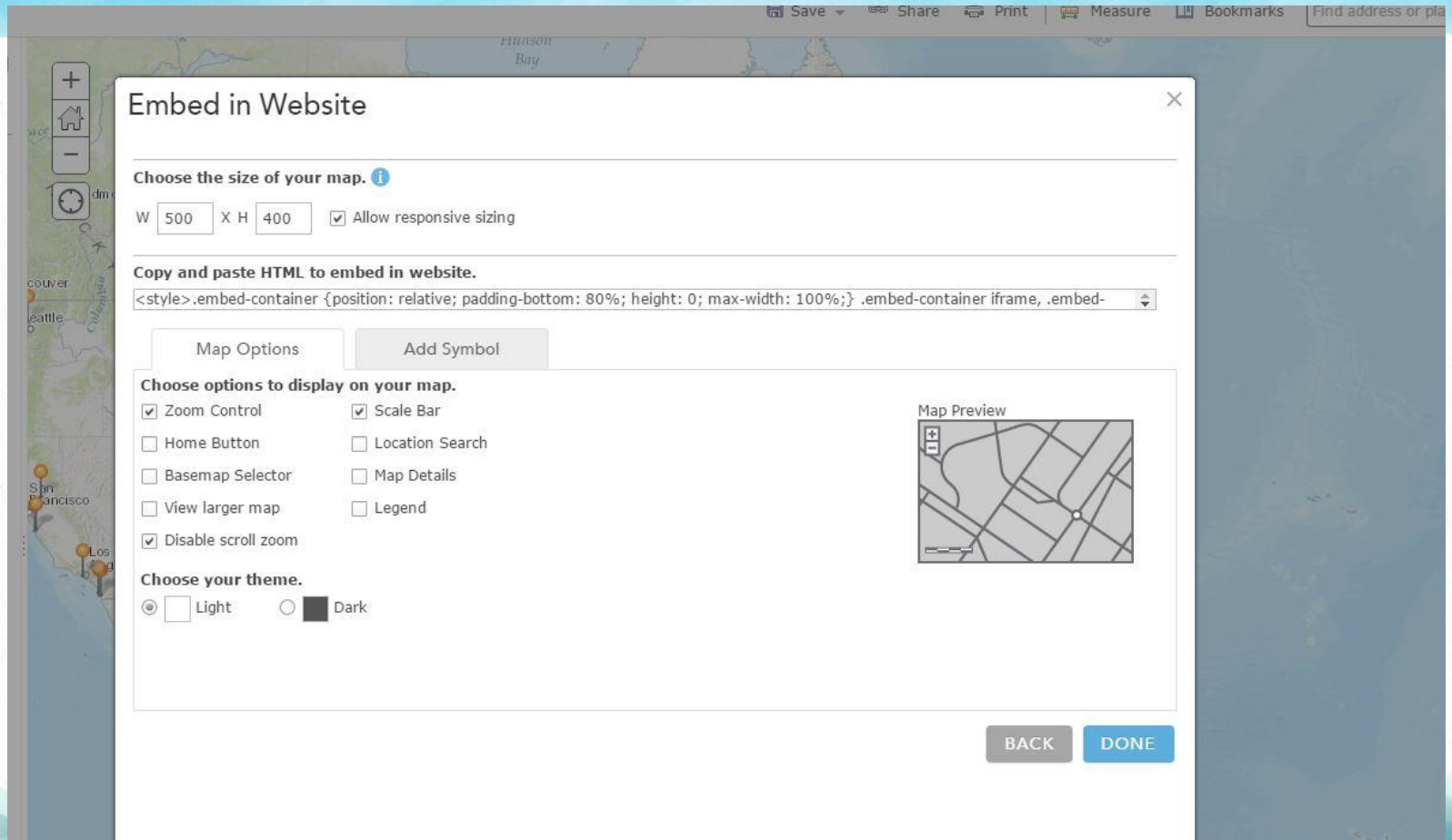
Paris
FRANCE
PORTUGAL
SPAIN
Madrid
Barcelona
Lisbon
Algiers
Casablanca
MOROCCO
ALGERIA
MAURITANIA
MALI
SENEGAL
Dakar
Bamako
BURKINA FASO
GUINEA
Conakry
CÔTE D'IVOIRE
GHANA
Lagos
Accra
Abidjan
Niger
COSTA RICA
PANAMA
VENEZUELA
COLOMBIA
GUYANA
GUIANA HIGHLANDS
0
500
1000km
Esri, HERE, DeLorme, FAO, NOAA, USGS
esri

Get HTML for map and choose map display options



Changes to the HTML

NOTE: ALL CODE IS AVAILABLE ON OUR HANDOUT

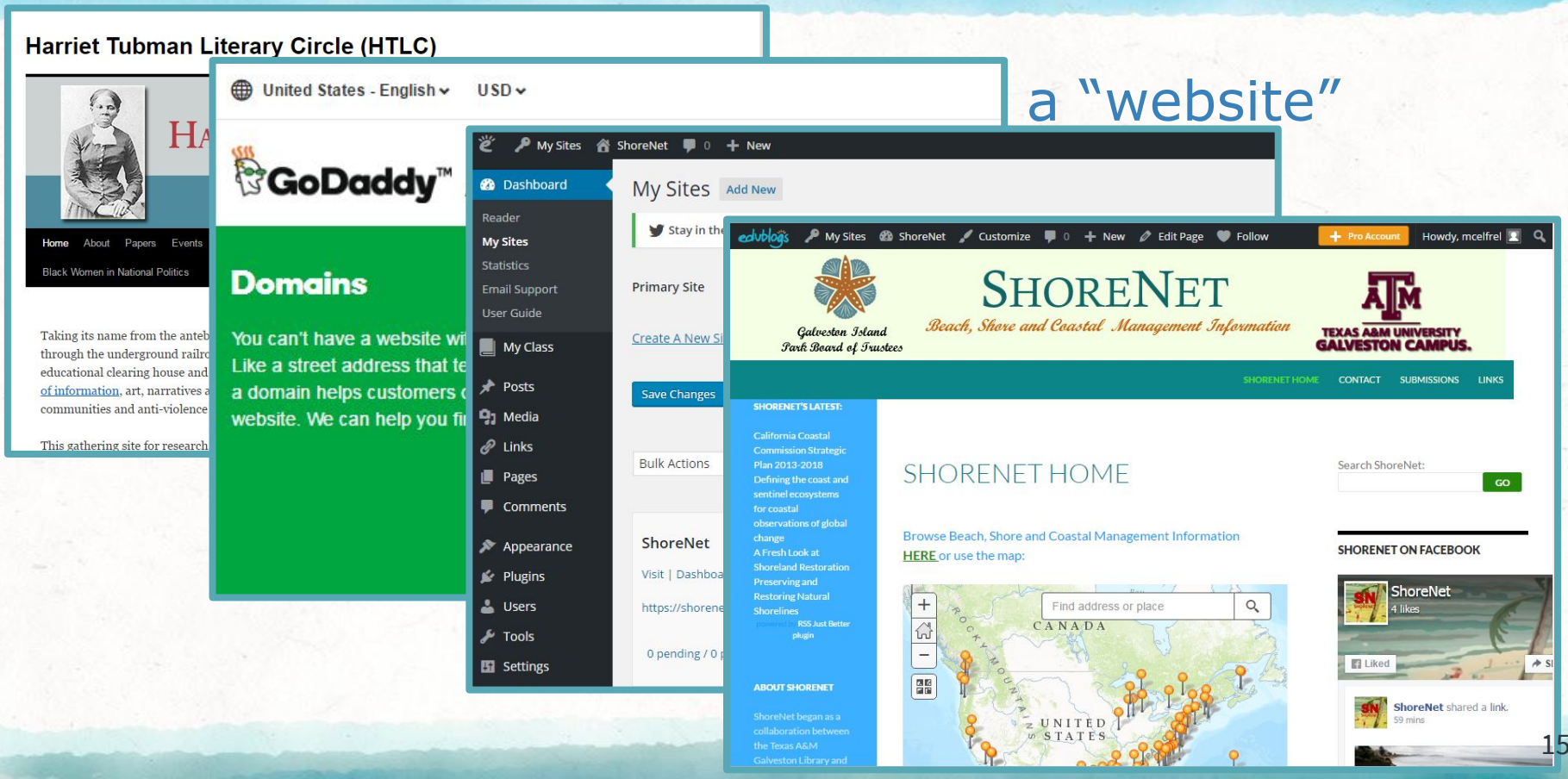
Original:

<style>.embed-container {position: relative; padding-bottom: 80%; height: 0; max-width: 100%;} .embed-container iframe, .embed-container object, .embed-container iframe{position: absolute; top: 0; left: 0; width: 100%; height: 100%;} small{position: absolute; z-index: 40; bottom: 0; margin-bottom: -15px;}</style> <iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="ShoreNet Documents" src="https://www.arcgis.com/apps/Embed/index.html?webmap=d95424f8aaa24579a7309ded17eb5cc1&extent=-75.1066,38.3199,-75.0606,38.3499&zoom=true&scale=true&disable_scroll=true&theme=light"></iframe>

Edited:

<style>.embed-container {position: relative; padding-bottom: 80%; height: 0; max-width: 100%;} .embed-container iframe, .embed-container object, .embed-container iframe{position: absolute; top: 0; left: 0; width: 100%; height: 100%;} small{position: absolute; z-index: 40; bottom: 0; margin-bottom: -15px;}</style> <iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="ShoreNet Documents" src="https://www.arcgis.com/apps/Embed/index.html?webmap=d95424f8aaa24579a7309ded17eb5cc1&extent=-127.2087,20.888,-62.3015,50.3794&home=true&zoom=true&scale=true&search=true&searchextent=true&basemap_gallery=true&disable_scroll=false&theme=light"></iframe>

EduBlogs Overlay



a "website"

We need a logo!

Laura's Lego game is strong!

Alex has mad MS Paint skills!

...but in the end we went with Dave's design, despite the lack of sharks.

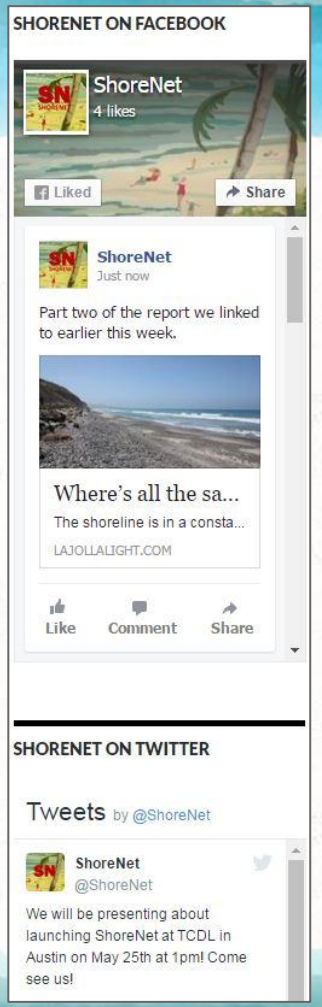
Building the Overlay

Laura tends to do all of her “coding” via brute force.

- Social Media feeds
- Interactive Map
- Search Box
- RSS feed: “ShoreNet’s Latest”

TWITTER/FACEBOOK

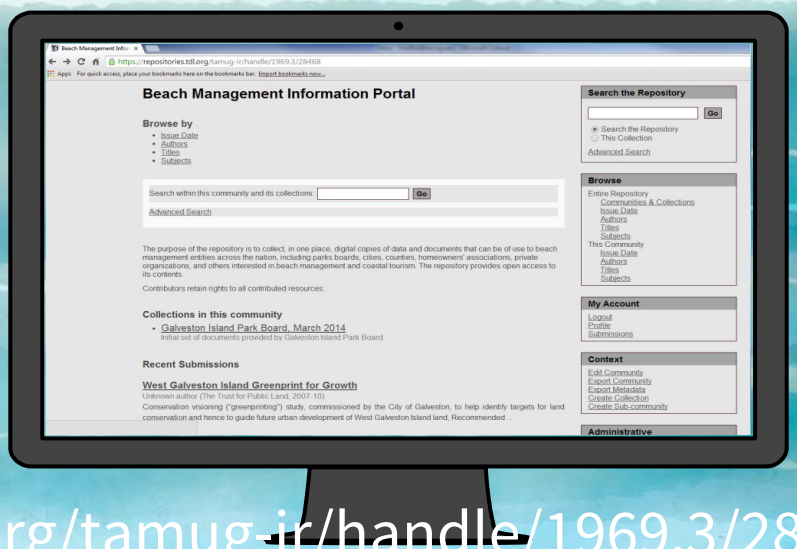
- Beach management news stories, ShoreNet updates
- Aggregated & republished on social media by hand
- Facebook and Twitter no longer provide RSS feeds
- HTML in text boxes in the sidebar



Before...

"Beach Management Information Portal"

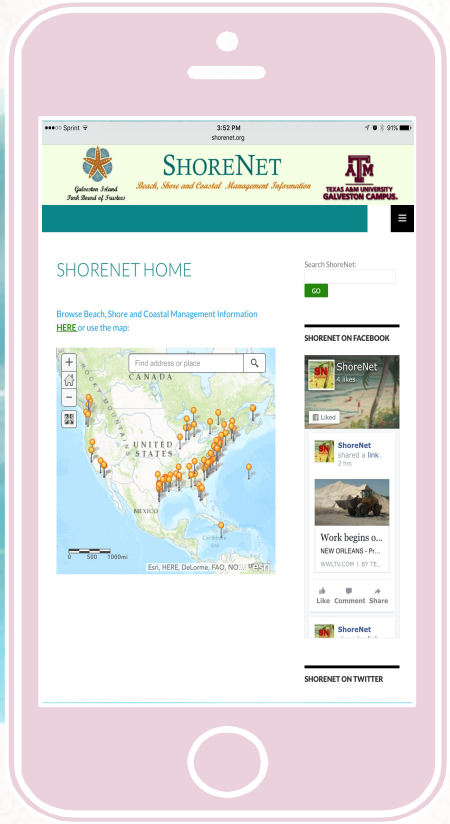
- Community within TAMUG's Repository
- DSpace 3.x
- No frills
- https://repositories.tdl.org/tamug-ir/handle/1969.3/28582



...and After

ShoreNet

- EduBlogs “Anjirai” theme
- DSpace 5
- Mobile-friendly
- Accessibility-ready
- shorenet.org



Future updates

- Add a controlled vocabulary for geographic locations
- Recruit additional partners to provide content

Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash
- Paper backgrounds by SubtlePatterns

Thank You!

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For slides,handout, and code, see http://tinyurl.com/TCDL2016-AJM-LKM