Launching ShoreNet

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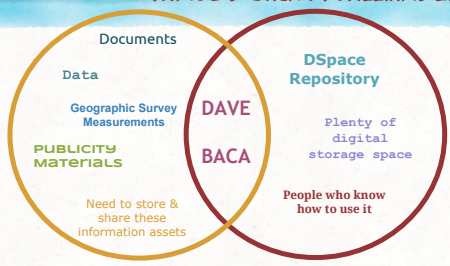
Jack K. Williams Library, Texas A+M University at Galveston

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

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

TAMUG's Jack K. Williams Library

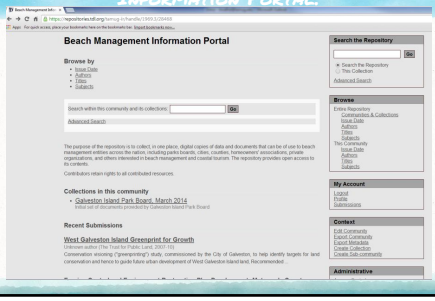


Galveston Island Park Board of Trustees

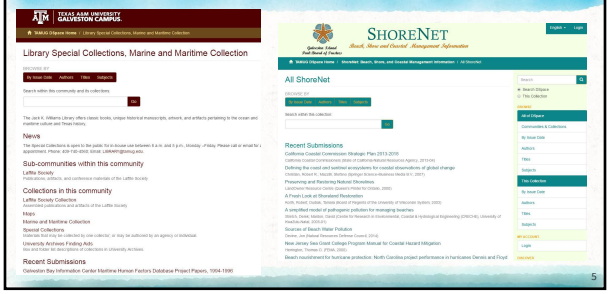
In the beginning...

- 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

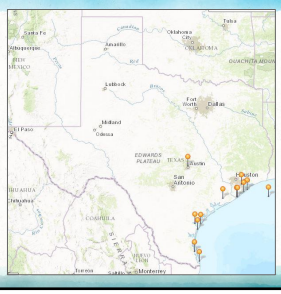
- No GIS experience, Alex attended ESRI's Intro GIS course for two days
- Crash course in ArcMap and ArcGIS online
- Discussed the project with instructor and asked for advice

Advantages

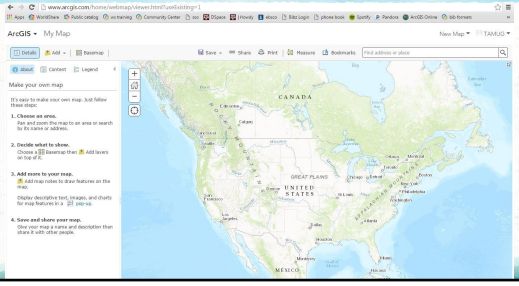
- No programming experience, no problem!
- Created an account for the library
- Free to non-commercial users
- 2GB of free storage

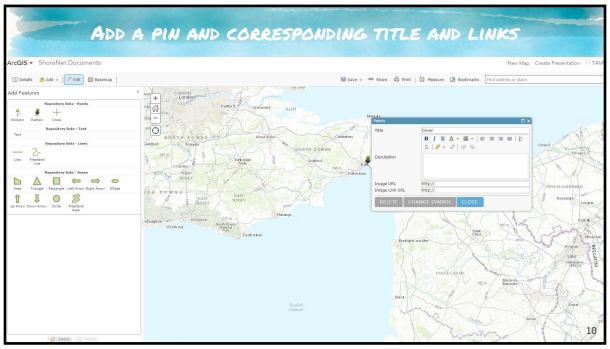
GIS Map

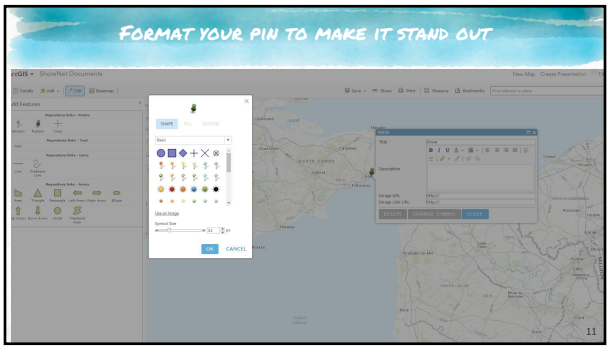
- Pins are linked to geographic subject pages in the repository
- Each city, US state, and country (outside of the US) represented in repository gets a pin

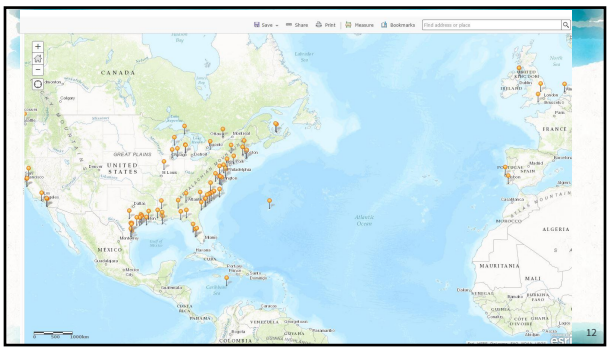


Create a new map and choose a basemap

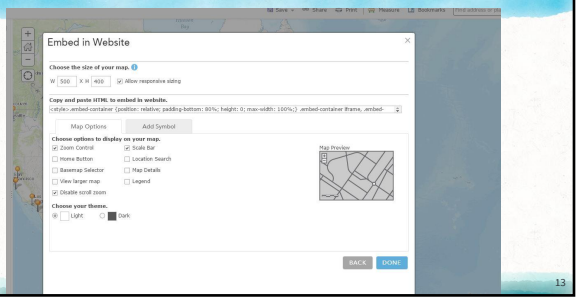



Add a pin and corresponding title and links
ArcGIS
ShoreNet Documents
10


Format your pin to make it stand out
ArcGIS
ShoreNet Documents
11


CANADA
UNITED STATES
MEXICO
FRANCE
ALGERIA
MAURITANIA
MALI
12

Get HTML for map and choose map display options



Changes to the HTML

NOTE: ALL CODE IS AVAILABLE ON OUR HANDOUT

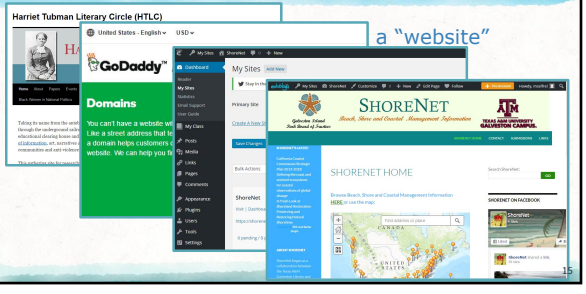
Original:

<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,-75.0606,38.3415&home=true&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



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.

16

Building the Overlay

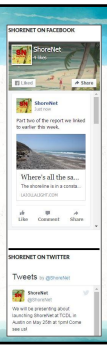
Laura tends to do all of her "coding" via brute force.

- Social Media feeds
- Interactive Map
- Search Box
- RSS feed: "ShoreNet's Latest"

17

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

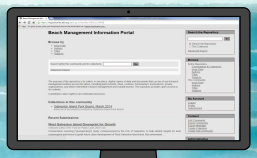


18

Before…

"Beach Management Information Portal"

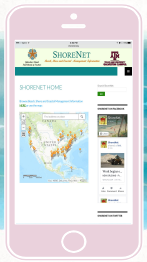
- Community within TAMUG's Repository
- DSpace 3.x
- No frills
- https://repositories.tdl.org/tamug-ir/handle/1969.3/28582



…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!

any questions ?

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