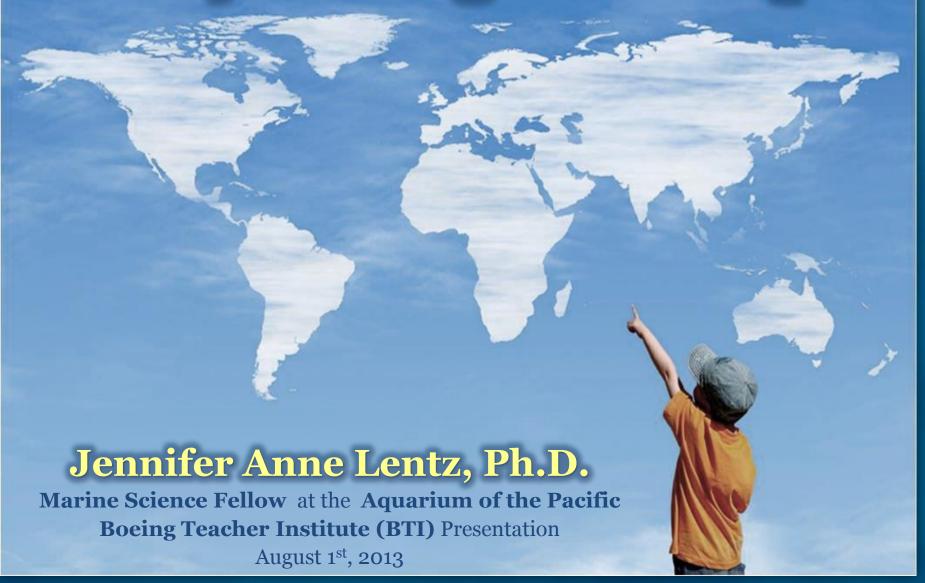
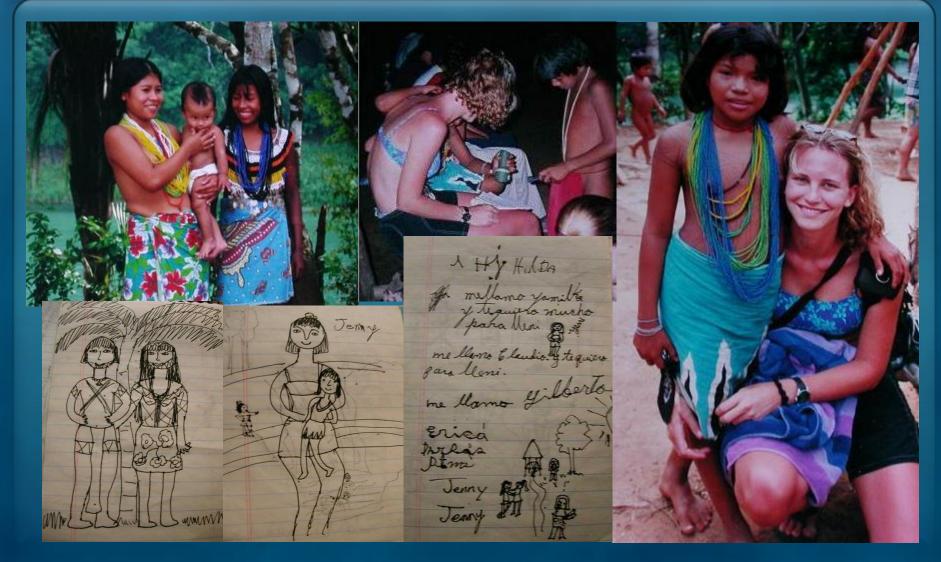
Story Telling with Maps







Bachelor of Arts (BA) degree from **Hamilton College** with an Interdisciplinary Concentration in Environmental Studies



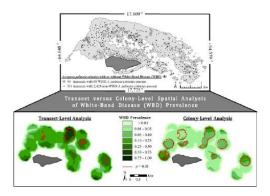


Ph.D. from **LSU's** Department of **Oceanography and Coastal Sciences** with a **GIS** Minor

A Dissertation Defense

Department of Oceanography and Coastal Sciences

Developing a Geospatial Protocol For Coral Epizootiology



by

Jennifer Anne Lentz

B.A., Hamilton College, 2005

Thursday, March 29th, 2012 at 1:00pm

Dalton J. Woods Auditorium Energy, Coast, and Environment Building Louisiana State University, Baton Rouge, Louisiana



"Marine Science Fellow" at the Aquarium of the Pacific



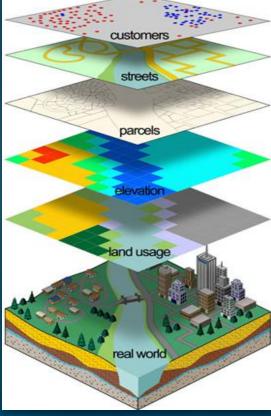
Geographic Information Systems



Spatial Analysis









Remote Sensing



GIS Applications

Crime Analysis



Medical Geography & Spatial Epidemiology

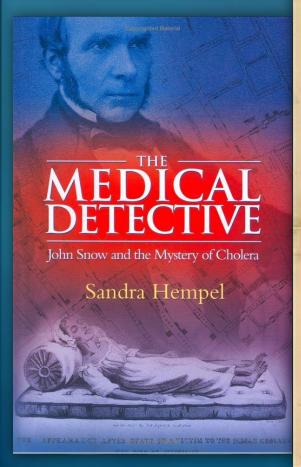


Ecologic & Climate Science



Dr. John Snow (1813-1858)

"Father of Modern Epidemiology"



ST. JAMES, WESTMINSTER.

The GOVERNORS and DIRECTORS of the POOR

HEREBY GIVE NOTICE,

That, with the view of affording prompt and Gratuitous assistance to Poor Persons resident in this Parish, affected with Bowel Complaints and

CHOLERA,

The following Medical Gentlemen are appointed, either of whom may be immediately applied to for Medicine and Attendance, on the occurrence of those Complaints, viz.—

Mr. FRENCH, 41, Gt. Marlborough St.

Mr. HOUSLEY, 28, Broad Street.

Mr. WILSON, 16, Great Ryder St.

Mr. JAMES, - 49, Princes Street.

Mr. DAVIES, 25, Brewer Street.

SUGGESTIONS AS TO FOOD, CLOTHING, &c.

Regularity in the Hours of taking Meals, which should consist of any description of wholesome Food, with the moderate use of sound Boer.

Abstinence from Spirituous Liquors.

Warm Clothing and Cloudiness of Person.

The avoidance of unnecessary exposure to Cold and Wet, and the wearing of Damp Clothes, or Wet Shoes.

Regularity in obtaining sufficient Best and Sleep.

Clearliness of Rosess, which should be aired by opening the Windows in the middle of each day.

By Order of the Board,

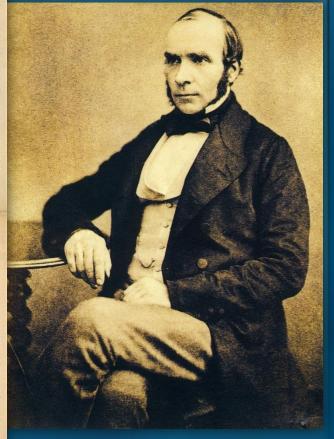
GEORGE BUZZARD,

Pancinias Orrice, Polend Street, 305 Naviales, 2855.

Carro

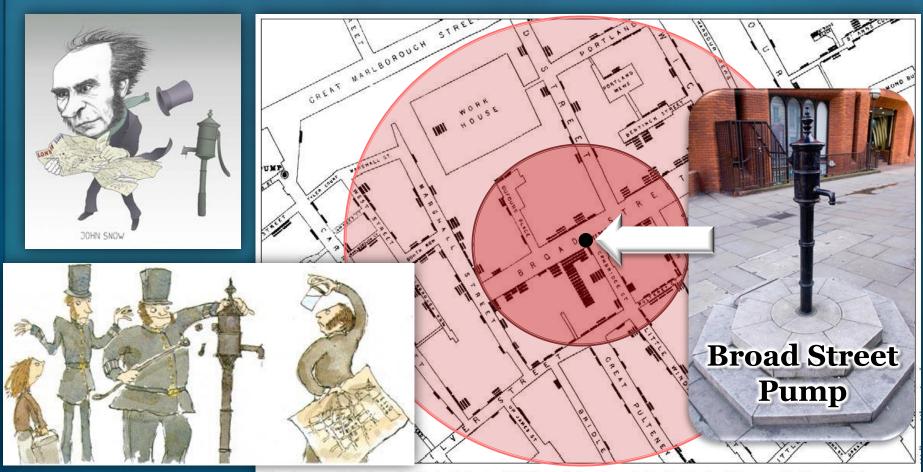
In It is requested that this Paper be taken core of, and placed where it can be easily referred to.

A STANSON, PRINTER A BRADER STREET, WALTER SQUARE



Dr. John Snow (1813-1858)

"Father of Medical Geography"



Street map of cholera deaths in Soho in 1853 from John Snow's On the Mode of Communication of Cholera

Home Range & Habitat Use

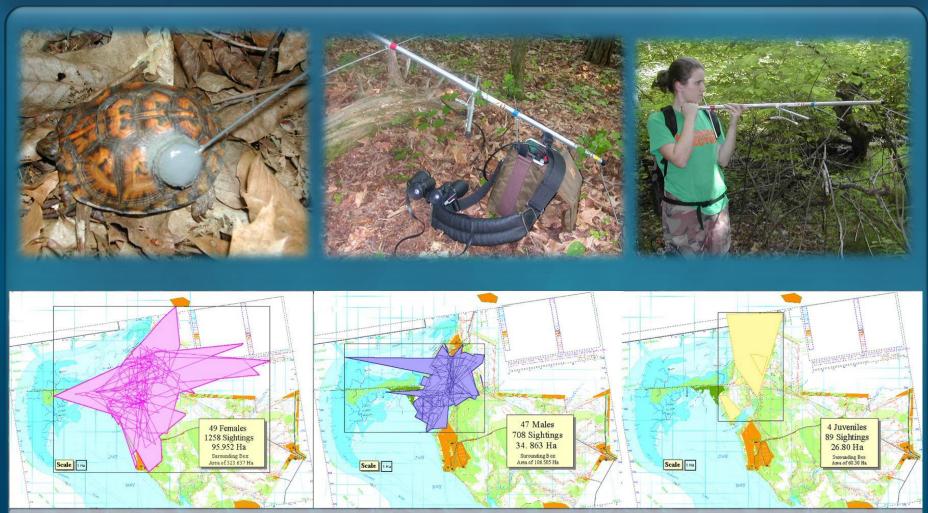
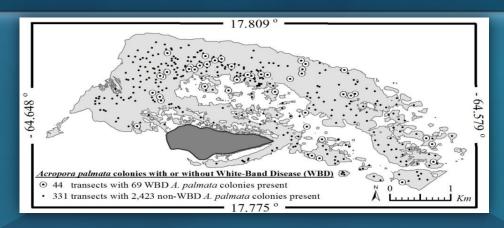


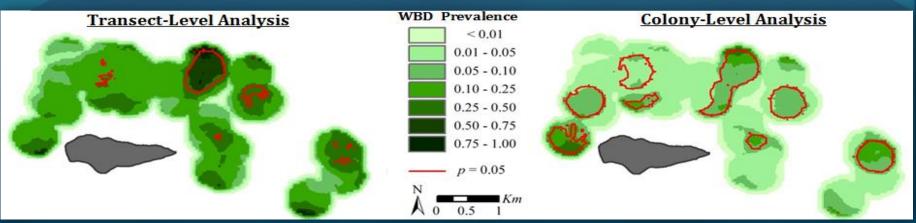
Fig. 6. Combined home ranges based on the Minimum Convex Polygon method. The home range of each individual turtle is depicted as a thin lined polygon; the total area used by each gender is depicted by a thick lined, shaded polygon.

Coral Reef Diseases

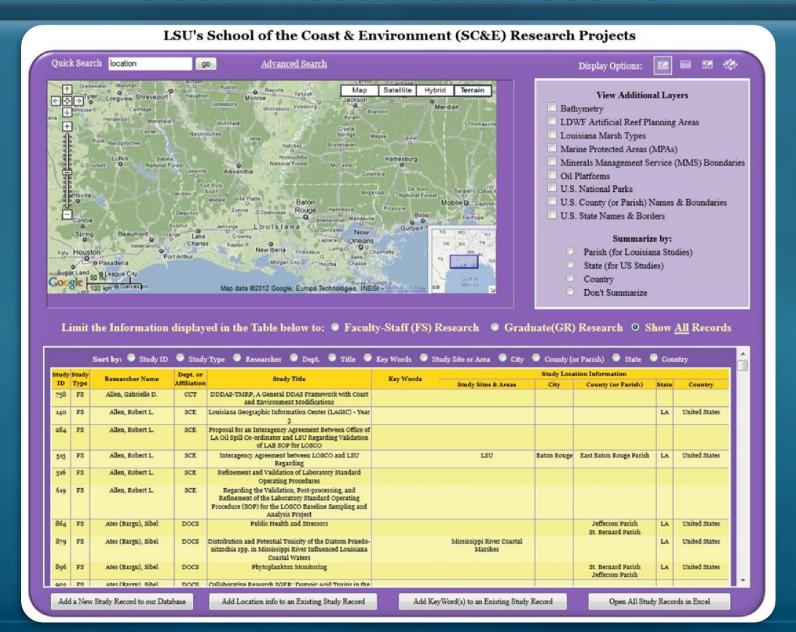


Transect versus Colony-Level
Spatial Analysis of White-Band Disease (WBD)

Prevalence

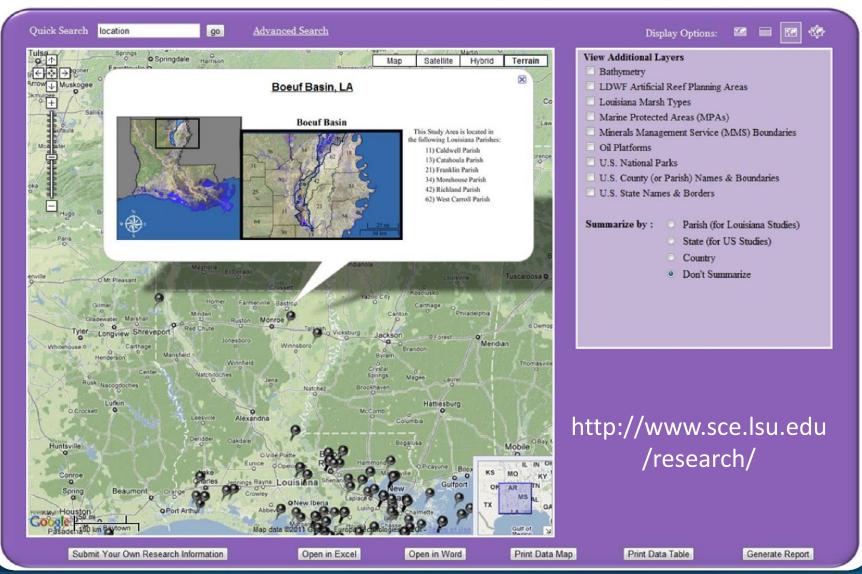


SC&E Research Website



SC&E Research Website

LSU's School of the Coast & Environment (SC&E) Research Projects



Extreme Weather Story Map

Coastal Ecosystem Learning Center (CELC) Locations and Severe Weather

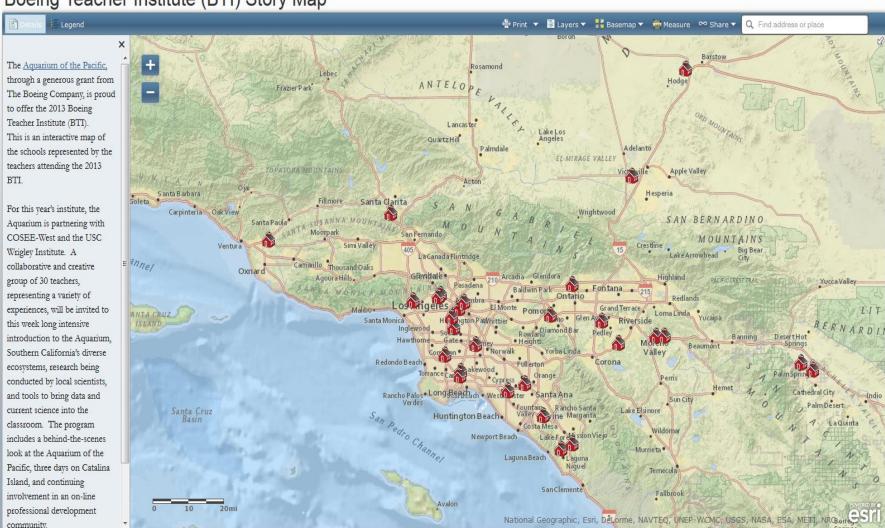
This site is being developed by the Aquarium of the Pacific's education department to tell the story of how Coastal Ecosystem Learning Centers (CELCs) are being impacted by Severe Weather events

Current Weather Peace CELCs and Wildfires 命 Wildfires are uncontrolled fires that typically start in wilderness areas where there is dry plant material, like trees or brush. These fires can start unexpectedly and spread quickly. On this map, you can see two different sets of data: (1) The widespread colors you see across the United States show the OCEAN wildfire potential of any given area from 2012. According to these data, can you identify areas that are more prone to wildfires? Why are those LEGEND Coatal Ecosystem Learning Center (CELC) locations 2013 Wildfire Notes Mexico **Current US Wildfire activity** MEXICO Large fire location Active fire report Active perimeter

https://aop.maps.arcgis.com/

BTI Story Map

Boeing Teacher Institute (BTI) Story Map

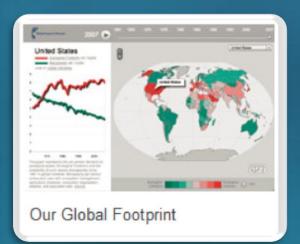


https://aop.maps.arcgis.com/

community

Story Maps

These Story Maps & Others can be found at: http://storymaps.esri.com/













Story Map Tutorial

BTI Story Map Tutorial and links FREE GIS Lesson Plans for K-12 Classrooms

available online at:

http://JenniferALentz.info/ Teaching/Tutorials/Creating StoryMapsOnline 2013.pdf

This PowerPoint Presentation, as well as other presentations, are also available online at:

http://JenniferALentz.info/Teaching/

