

The background of the slide is a light gray gradient, decorated with numerous realistic water droplets of various sizes. Some droplets are at the top, some at the bottom, and some on the right side, creating a sense of freshness and fluidity.

EYES ON THE RISE, KING TIDES AND SEA LEVEL RISE: COMMUNICATING SEA LEVEL RISE

JULIET PINTO

SCHOOL OF JOURNALISM AND MASS COMMUNICATION

FLORIDA INTERNATIONAL UNIVERSITY

CHALLENGES FOR SOUTH FLORIDA WITH ACCELERATING SEA LEVEL RISE

- POROUS LIMESTONE ROCK
- LOW TOPOGRAPHY
- CANAL SYSTEMS
- SALT WATER INTRUSION
- FLOOD INSURANCE

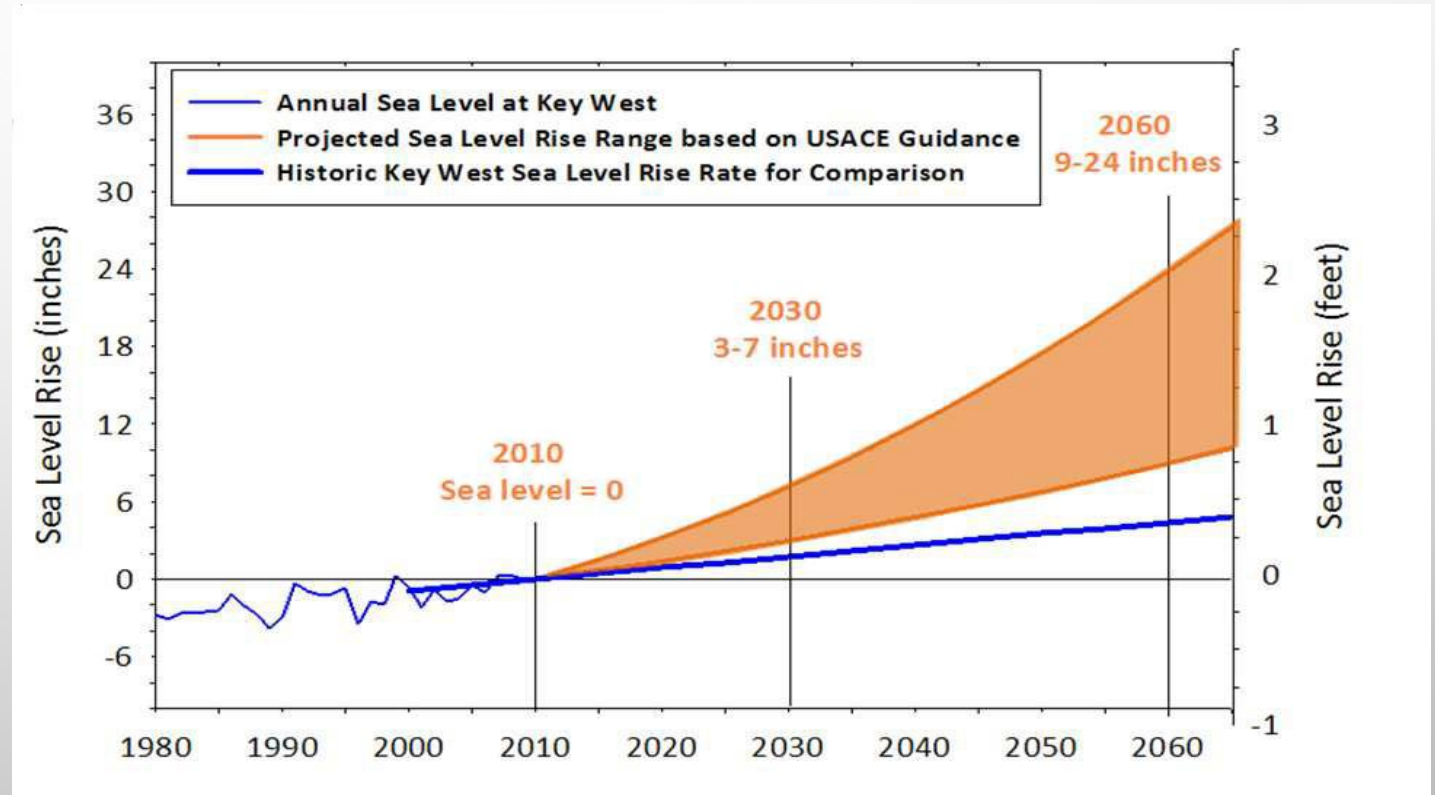


Image: South Florida Climate Change Task Force



April 1939. South from the street at the end of Engineering
road showing the pier at the head of Lincoln Road and
the Atlantic at the bottom right.

Source: Miaminewtimes.com

1

FIND YOUR
LOCATION

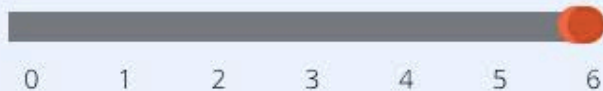
2

SEA-LEVEL
RISE

3

FLOODS
AND TIDES

Slide to change feet of sea-level rise

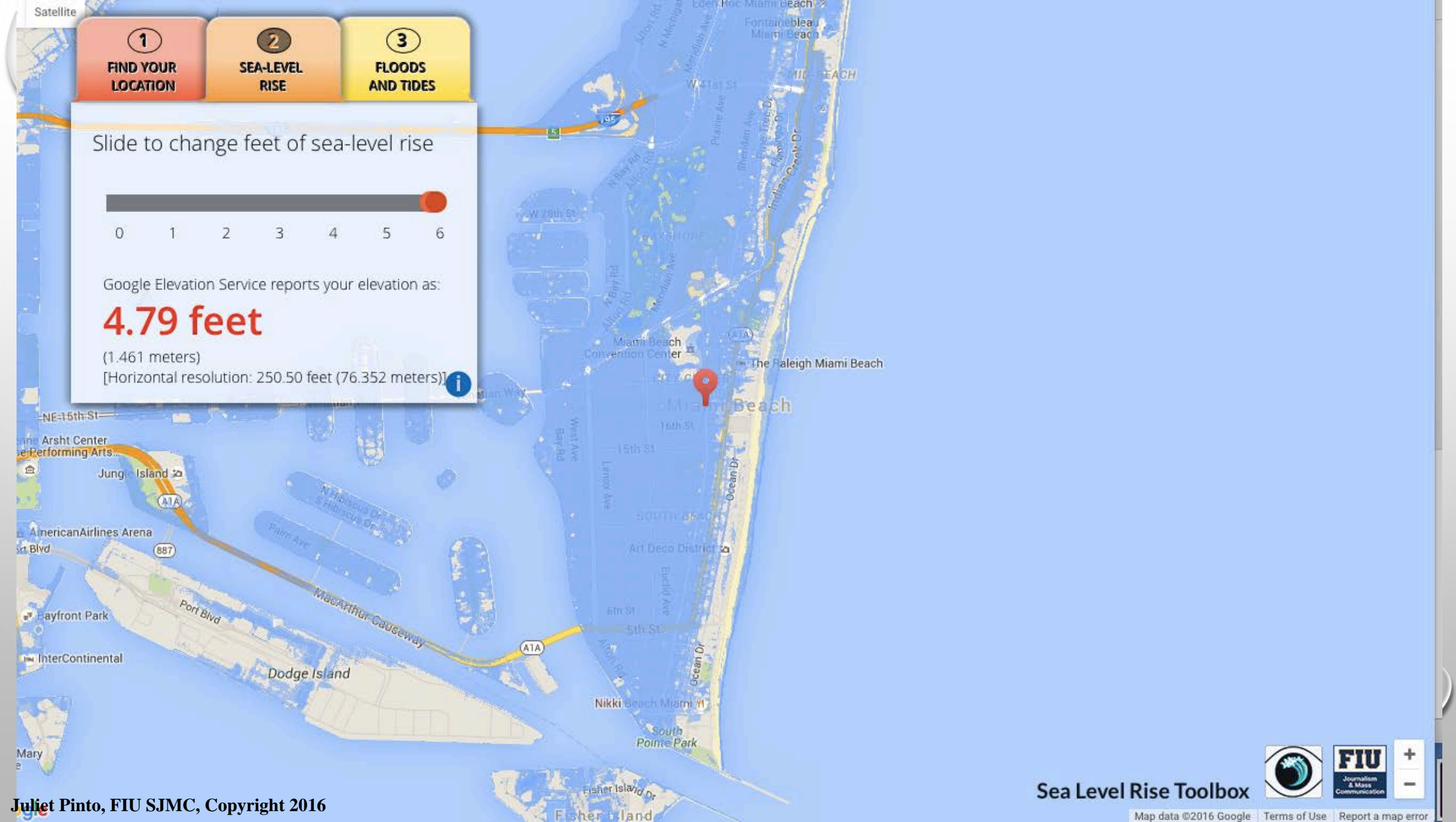


Google Elevation Service reports your elevation as:

4.79 feet

(1.461 meters)

[Horizontal resolution: 250.50 feet (76.352 meters)]



MIAMI AND SEA LEVEL RISE

WHAT IS BEING DONE

- MIAMI BEACH:
 - \$400 MILLION FOR PUMPS AND OTHER INFRASTRUCTURE
 - BEACH RENOURISHMENT
 - LIVING WALLS
 - NEW BUILDING STANDARDS AND SEA WALL HEIGHTS
- REGIONAL:
 - SOUTH FLORIDA CLIMATE CHANGE TASK FORCE

CHALLENGES

- NEED FOR INCREASED PUBLIC AWARENESS
- LITTLE STATE POLITICAL WILL
- ACROSS PLATFORMS AND TO DIVERSE COMMUNITIES
- RESOURCE SCARCITY

CREATIVE WORK: “SOUTH FLORIDA’S RISING SEAS”

- ORIGINATED FROM SEJ 2011 SEA LEVEL RISE TOUR
- 26-MINUTE AWARD-WINNING DOCUMENTARY PRODUCED BY KATE MACMILLIN AND JULIET PINTO, FIU-SJMC FACULTY
- AIRED ON PUBLIC TELEVISION IN JANUARY 2014
- WAS REPURPOSED FOR PBS NEWSHOUR (MARCH 2014) AND THE SUN-SENTINEL FEATURE ON SEA LEVEL RISE (APRIL 2014)
- HAS BEEN AIRED DOZENS OF TIMES AND VIEWED ONLINE THOUSANDS OF TIMES
- [TRAILER \(ONE-MINUTE\)](#)



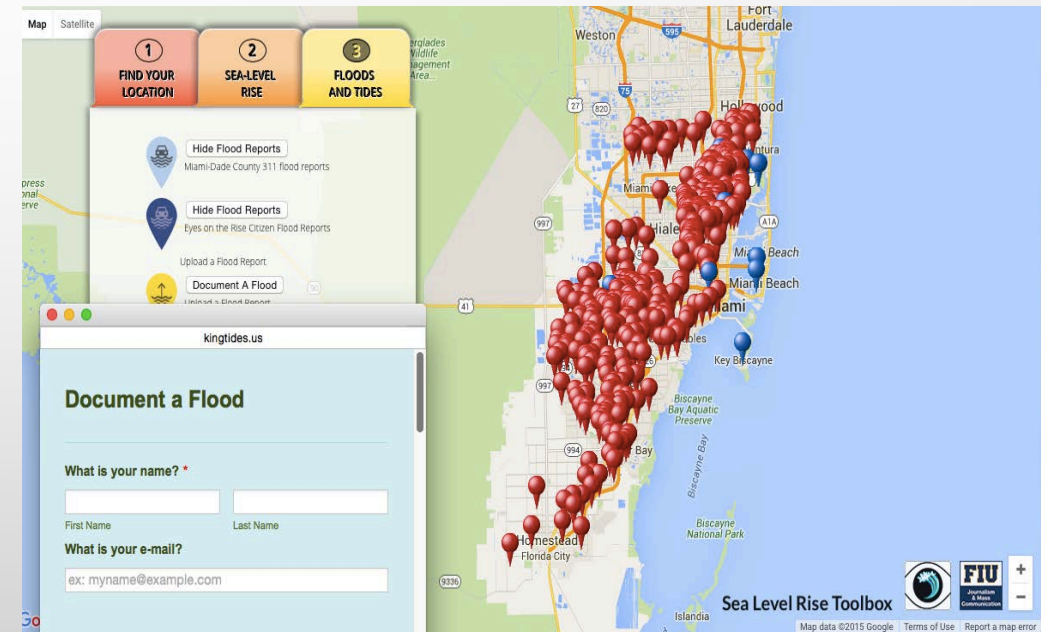
GRANT FUNDED ACTIVITY: TEACHING AND RESEARCH/CREATIVE WORK



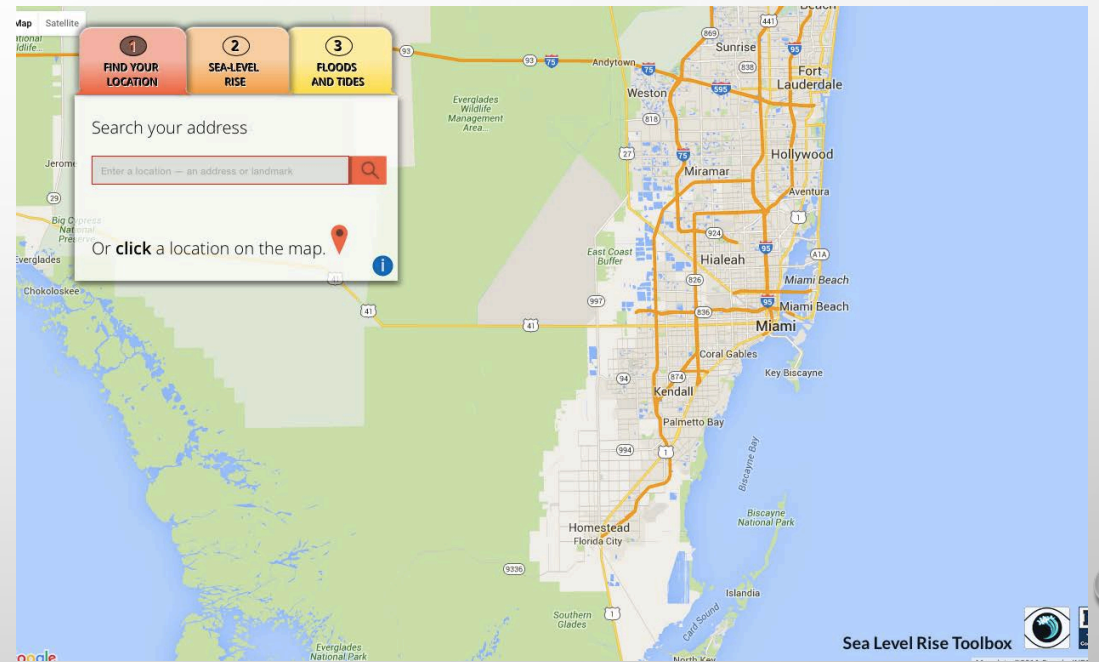
Eyes on the Rise
Sea Level Rise South Florida

EYES ON THE RISE

- \$35,000 CHALLENGE FUND GRANT TO “HACK THE CURRICULUM”
- NEW COURSES
- [SEA LEVEL RISE APP](#)
- COLLABORATIONS WITH HIGH SCHOOLS
- VIDEOS FOR PUBLIC TELEVISION



STUDENT WORK



STUDENT WORK: SOUTH FLORIDA'S RISING SEAS: IMPACT



SEA LEVEL RISE IN THE CLASSROOM(S)

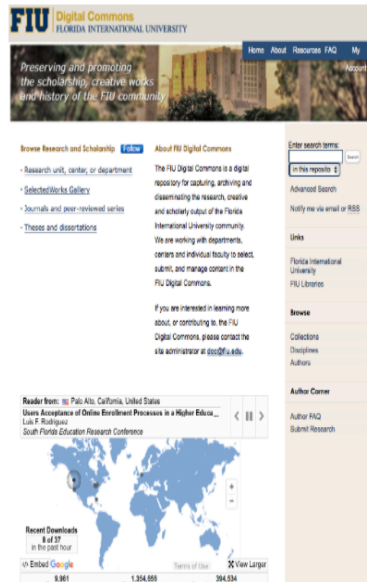
Digital Stories: Students Curate for Humanities & Sciences

Home » Digital Stories: Students Curate for Humanities & Sciences

My Spring 2016 Visual Storytelling course will be an opportunity for students to contribute to [FIU's Digital Collections Center](#) by curating research, storytelling, art, and communication related to work on sea level rise [conducted by FIU faculty, students, and staff](#). See syllabus.

Some of the media to be captured, digitized, and archived include what's been published on [eyesontherise.org](#), and work conducted in other units. Students will archive material, using software from [Omeka](#) to create online narratives, such as what appears on [rockefeller100.org](#)

Students in this course will be introduced to cultural themes of visual communication, museums, and libraries. Through practical application and collaboration, they will create digital narratives, using the content that is already in – and that will be



Disclaimer

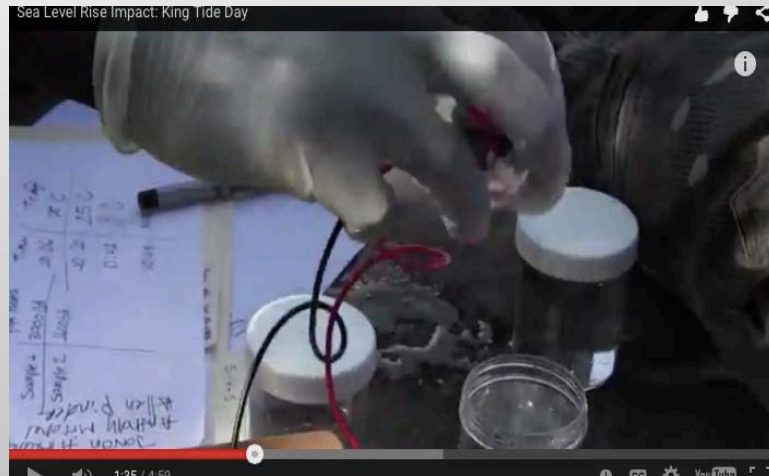
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JOURNALISM, ADVERTISING & PR: WHERE WATERS MEET?

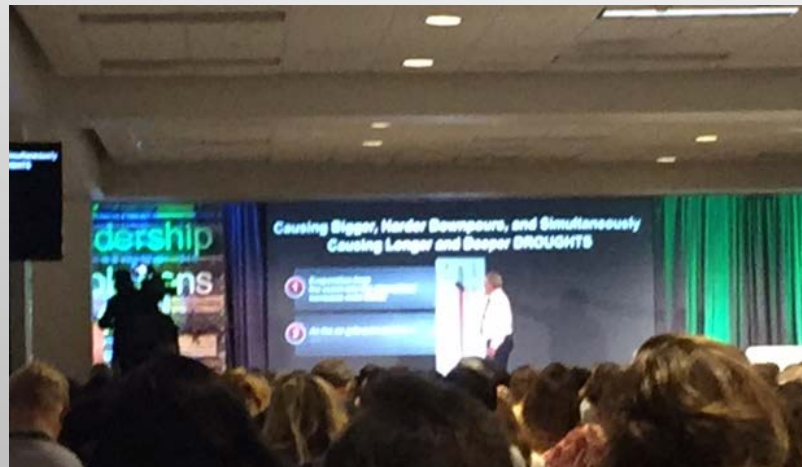


Lily Bui, a graduate student at MIT Skypes into a sea level rise rally. Photo by [eyesontherise.org](#).

EVENT JOURNALISM: KING TIDE DAY, OCT. 9, 2014



KING TIDES, SEPT. 28, 2015



KING TIDES, OCT. 28, 2015



KING TIDES, NOV. 24, 2015

- CITIZEN SCIENCE TO ENGAGE AND EMPOWER COMMUNITIES



Constructing Climate Change in the Americas

An Analysis of News Coverage in U.S. and South American Newspapers

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Abstract

This study examined the portrayal of climate change in four national newspaper Argentina, Brazil, Colombia, and the United States. The results indicated that media in Brazil and the United States highlighted the policy progress being mitigate climate change and presented the issue in economic terms, while

Journalism Practice

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Reciprocal (and reductionist?) Newswork

Robert E. Gutsche Jr., Susan Jacobson, Juliet Pinto & Charnele Michel

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To link to this article: <http://dx.doi.org/10.1080/17512786.2015.1111159>

Coverage of Climate Change in leading U.S. Spanish-language Newspapers

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SPECIAL FEATURE

Press Freedom, Democracy and Climate Change Reporting in Latin America

By Juliet Pinto and Mercedes Vigón

How do and should the media report on climate change, and what does their reporting tell us about freedom of the press in democracies and democratizing nations? Social scientists have



Sea Level Rise Toolbox App at IAMCR

JULY 22, 2015 / SUSAN JACOBSON / 0 COMMENTS



Jacobson to Present Sea Level Rise App at ICA/IECA

JANUARY 16, 2016 / TED GUTSCHE / 0 COMMENTS



Susan Jacobson will present "It takes a village to build a sea level rise app: Informing citizens about climate change in Miami," at the International Communication Association's annual conference in Fukuoka, Japan. She is

presenting this paper, co-authored with the eyesontherise.org team, on a panel sponsored by the International Environmental Communication Association titled "New/Emerging Information and Communication Technologies in Environmental Collaboration."

Citation:

Jacobson, S., Pinto, J., Gutsche, Jr., R. E., & MacMillin, K. (2016). "It takes a village to build a sea level rise app: Informing citizens about climate change in Miami." Accepted for presentation at International Communication Association conference, Fukuoka, Japan, June 9-13.

COP21



HEAVY MEDIA COVERAGE

- [WEATHER CHANNEL](#)
- [TODAY SHOW](#)
- [WASHINGTON POST](#)
- NEW YORKER
- CBS4
- NBC6
- LOCAL 10
- WFLX
- WPVT
- TELEMUNDO
- GUARDIAN
- FUSION
- MIAMI HERALD
- SUN SENTINEL
- DIARIO LAS AMERICAS
- CURBED MIAMI
- BISCAYNE TIMES
- WEATHER.COM



LESSONS LEARNED

- BREAKING DOWN THOSE SILOS! IMPORTANCE OF INTERDISCIPLINARY COLLABORATIONS IN SEEKING GRANTS
- GOOD WORKING RELATIONSHIPS WITH PARTNERS IN VARIOUS SECTORS
- HUMAN STORIES ACROSS MULTIPLE PLATFORMS
- INVOLVING STUDENTS ACROSS ACADEMIC UNITS
- BETTER UNDERSTANDING ROLE OF CULTURE IN COMMUNICATING ENVIRONMENTAL/SCIENTIFIC ISSUES
- SHARING RESOURCES
- GET PAST ENVIRONMENT V. ECONOMY OR CLIMATE CHANGE “DEBATE”
- CREATIVE ENGAGEMENT



Journalism & Mass Communication
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THANK YOU!