

# RESTORE ACT CENTER OF EXCELLENCE FOR LOUISIANA (LA-COE) QUARTERLY NEWSLETTER



OCTOBER 2023

## Updates from LA-COE

### All-Hands Meeting

The LA-COE 2023 All-Hands Meeting took place on August 1, 2023 at the Center for Coastal and Deltaic Solutions in Baton Rouge, LA. The goal of this meeting was to promote collaboration and inform on research progress from RFP2 funded research projects. The meeting included the LA-COE Executive Committee, partners from the Coastal Protection and Restoration Authority (CPRA), The Water Institute, and RFP2 PIs, co-PIs and graduate students.

During the meeting research progress and results from RFP2-funded projects were presented and discussed and there was also a graduate student poster session. LA-COE would like to thank everyone who participated in this event!





# Events and Engagement

## RESTORE Act Treasury Webinar

The Treasury RESTORE Act Centers of Excellence program hosted a webinar on September 14, 2023 highlighting LA-COE research on flood risk in Louisiana. The Water Institute presented slides to introduce the LA-COE, Summer Langlois presented on how CPRA uses LA-COE funded research to inform the Coastal Master Plan, and PIs Dr. Robert Habans (RFP2) and co-PI Mike Bilskie (RFP1) presented on their work during the webinar.

## GOMCON

Gulf of Mexico Conference (#GOMCON) is scheduled for **February 19-22, 2024**, at the **Tampa Convention Center** in Tampa, Florida. Abstract submission deadlines have been extended to **today, October 20!**

Visit [GulfofMexicoAlliance.org/GOMCON2024](https://GulfofMexicoAlliance.org/GOMCON2024) to view conference topics and their full descriptions. Complete details on the schedule, registration, and hotels are available on the website.

**Key Dates:**

October 13, 2023 Abstract Submission Deadline  
 January 10, 2024 Hotel Reservation Deadline  
 January 12, 2024 Early Bird Registration Deadline (\$250)  
 February 16, 2024 Online Registration Deadline (\$300)

Emphasizing the intersection of science, policy, and management, the Gulf of Mexico Conference will include sessions on themes that are important to ecosystem and community resilience as well as restoration and natural resource management. Visit the conference website for information on sessions, registration, hotels, and more. <https://gulfofmexicoalliance.org/gomcon2024>

## Reminders for PI's

Reporting	Period	PPR #	Due Date
<b>Semi-annual PPR#1</b>	August 2021 – January 2022	1	February 28, 2022
<b>Semi-annual PPR #2</b>	February 2022 – July 2022	2	August 31, 2022
<b>Semi-annual PPR#3</b>	August 2022 – January 2023	3	February 28, 2023
<b>Semi-annual PPR#4</b>	February 2023 – July 2023	4	August 31, 2023
<b>Final Report</b>	August 2021 – November 2023	N/A	November 30, 2023
<b>Data Available</b>	Within 1 year after final report	N/A	October 31, 2023

### RFP 2 Final Reports

With the no-cost extensions in place, Final reports are due on **November 30, 2023**.

### RFP 2 Publications

#### Notification of Dissemination

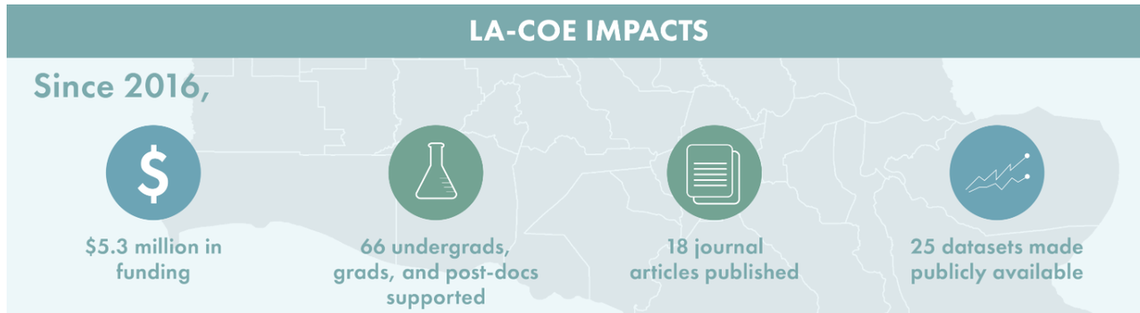
You must notify the LA-COE Director 60 days prior to disseminating any information about your funded project so that LA-COE and CPRA are aware. Please email [LA-COE@thewaterinstitute.org](mailto:LA-COE@thewaterinstitute.org) with the information (e.g., abstracts, papers, seminars, media releases, etc.) you plan to disseminate. CPRA has been fantastic at getting back to LA-COE and PIs ASAP.

### Standard Language for Acknowledgements

"This study was supported by the U.S. Department of the Treasury through the Louisiana Coastal Protection and Restoration Authority's Center of Excellence


Research Grants Program under the Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States Act of 2012 (RESTORE Act) (Award No. 1 RCEGR260007-01-00). The statements, findings, conclusions, and recommendations are those of the authors and do not necessarily reflect the views of the Department of the Treasury."

## Impacts



## Tweet of the Quarter

The Treasury RESTORE Act Centers of Excellence program hosted a webinar highlighting LA-COE research on flood risk in Louisiana.

 **The Water Institute** @TheH2OInstitute · Sep 19

Bringing science to inform Louisiana's Coastal Master Plan, researchers funded by #LouisianaCOE presented last week to @USTreasury on work being done to better understand mitigation of flood risk in Louisiana's coastal zone. Watch here [ow.ly/Ep8y50PMZBA](https://ow.ly/Ep8y50PMZBA) @LouisianaCPRA

**SCIENCE-BASED SOLUTIONS FOR A CHANGING GULF**  
Mitigating Flood Risk in Louisiana's Coastal Zone

**FUNDED PROJECTS**

LA-COE RFP1 & RFP2 Funded Projects

RFP1 - \$3 million for 12 projects (all completed by October 31, 2020)

RFP2 - \$2.3 million for 8 projects (August 1, 2021 - present)

**TRACKING OUR IMPACTS**

LA-COE IMPACTS

Since 2016:

- \$5.3 million in funding
- 66 undergrads, grads, and post-docs supported
- 18 journal articles published
- 25 datasets made publicly available

LA-COE Google Scholar to track publications

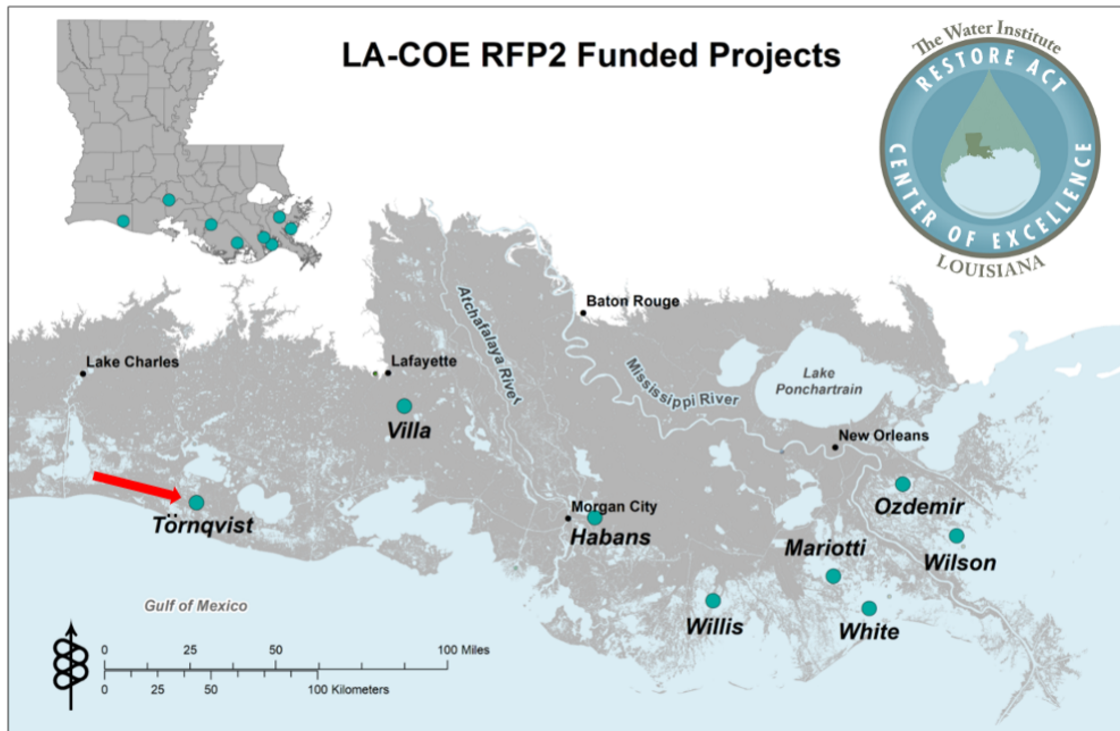
RESTORE Act Center of Excellence for Louisiana

Created by: MI  
Clashes: 244  
Index: 10  
Citations: 10

<https://scholar.google.com/citations?hl=en&user=034CmQAAAJ>

Remember to use #LouisianaCOE with other optional additions of #Coast #Science #AppliedResearch in your posts.

## Funded Research



## Project Highlight

**Projecting 50 Years of Relative Sea-Level Rise in Coastal Louisiana**

**Advising Faculty: Torbjörn Törnqvist, Professor, Department of Earth & Environmental Sciences, Tulane University**

**Graduate Studentship: Guandong Li, Department of Earth & Environmental Sciences, Tulane University**

Projecting relative sea-level rise is crucial for assessing the vulnerability of coastal wetlands in Louisiana's future. Taking advantage of the recent acceleration in geocentric sea-level rise along the Gulf Coast, this project examined how wetlands respond to conditions, particularly the exceptionally high rate of geocentric sea-level rise, which aren't typically expected to occur until later in this century. Based on an extensive

analysis of hundreds of site-specific studies linking changes in wetland surface elevation to nearby relative water-level rise over the past 13 years, the project team found that approximately 90% of the wetlands are unable to keep pace with such a rapid geocentric sea-level rise. While it's uncertain whether this recent high rate of geocentric sea-level rise will persist in the coming decades, it is plausible that approximately 75% of coastal wetlands will be at risk of inundation by 2070 if we follow the current global climate pathway (SSP2-4.5).

Left Photo: Michael Piorkowski (LSU), Kelly Sanks (Tulane), Madelyn Kurtz (Denison), Guandong Li (Tulane), Melinda Quock (Tulane) and captain Mike collecting sediment cores in the field.

Right Photo: Birds-eye view of Coastwide Reference Monitoring System (CRMS) site 0276.



THEWATERINSTITUTE.ORG | 225-448-2813 | INFO@THEWATERINSTITUTE.ORG

Share this email:



[Manage](#) your preferences | [Opt out](#) using TrueRemove™

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

1110 River Road S. Suite 200  
Baton Rouge, LA | 70802 US

This email was sent to .

*To continue receiving our emails, add us to your address book.*

emma®

[Subscribe](#) to our email list.