

**FLORIDA BUILDING COMMISSION
HURRICANE RESEARCH ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE
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June 1, 2022

1:30 pm.

Minutes

HURRICANE RESEARCH ADVISORY COMMITTEE MEMBERS PRESENT:

James Schock, Chairman
Joe Belcher
Anne Cope, Ph.D.
David Compton
Jeffery Gross
Mark Mikkelsen
Craig Parrino

John "Bud" Plisich
Angela Schedel, Ph.D.
Brad Schiffer
Jeffery Schnellmann
Vince Seijas
Brian Swope

HURRICANE RESEARCH ADVISORY COMMITTEE MEMBERS NOT PRESENT:

Sergio Ascunce

Mike Savage

STAFF PRESENT:

Mo Madani
Thomas Campbell
Marlita Peters

Justin Vogel
Jim Hammers

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from Facilitated Solutions, LLC. Consultation, Process Design & Facilitation. Information at: facilitatedsolutions.org

Time: 1:30 p.m.

Welcome:

Mr. Blair welcomed everyone to the meeting of the Hurricane Research Advisory Committee.

Roll Call:

Mr. Blair performed roll call for the HRAC. A quorum was determined with 12 members present at roll call.

Agenda Approval:

Chairman Schock covered the agenda items for the meeting today.

Mr. Belcher entered a motion to approve the agenda as posted. Mr. Seijas seconded the motion. The motion was passed unanimously with a vote of 12-0.

Approval of Meeting minutes from April 14, 2022:

Mr. Belcher entered a motion to approve the minutes for April 14, 2022 meeting as posted. Mr. Seijas seconded the motion. The motion was passed unanimously with a vote of 12-0.

Commissioner Swope entered the meeting, making the quorum 13 members present.

Evaluation and Prioritization of research projects recommended for Commission FY 2022-2023 funding:

Mr. Blair informed the HRAC members of the process to evaluate and prioritize the six research projects recommended for Commission FY 2022-2023 funding.

NOTE: Research Project F, Assessment and retrofitting deficient concrete columns was received after May 3, 2022.

Mr. Blair asked the HRAC members to take a vote on Project F, to determine whether it should be ranked along with the other projects, even though it was received late.

Question/Comment:

The HRAC members voted unanimously to add research Project F, because of its potential connection to SB 4-D.

1) Wind-induced loads on ground-mounted and ground ballasted systems- Ioannis Zisis- (FIU- \$110,000)

Mr. Ioannis Zisis briefly presented the proposed research project.

Questions/Comments:

The members of the HRAC went into discussion with Mr. Ioannis Zisis regarding this research project.

2) Assessing the need to modernize water penetration resistance test procedures- Forrest Masters (UF-\$90,000-\$120,000).

Mr. Ryan A. Cartarelli presented the proposed research project.

Questions/Comments:

None

3) Assessment of durability requirements for concrete structures in Florida-Chris Ferrara- (UF-\$100,000).

No one was present to do the presentation.

Questions/Comments:

None

4) Assessment of inspection reporting and building conditions in South Florida- Phase II- Jennifer Bridge-(UF- \$90,000).

Ms. Bridge briefly presented the proposed research project.

Questions/Comments:

The staff and members of the HRAC went into discussion with Ms. Jennifer Bridge regarding this research project.

5) An investigation of the factor leading to ridge vent failure and possible mitigation solutions- Cigdem Akan- (UNF- \$77.616).

Ms. Cigdem Akan briefly presented proposed research project.

Questions/Comments:

None

- 6) Assessment and retrofitting deficient concrete columns- Atorod Azizinamini- (FIU \$125,000).**

Mr. Atorod Azizinamini briefly presented the proposed research project.

Questions/Comments:

The staff and members of the HRAC went into discussion with Mr. Atorod Azizinamini regarding this research project.

Public Comment:

Tom Grogan, on behalf of the Florida Structural Engineers Association and the Florida Engineering Society, made a comment regarding the upcoming rule development workshop.

Mr. Campbell stated they will discuss those items at the Commission meeting on June 7th.

Ranking Exercise with ranking score:

- 1. Assessment of Inspection Reporting and building Conditions in South Florida- Phase II; (UF: Jennifer Bridge) ranked at 9.2 with funding amount of \$90,000.**
- 2. Establishing Inspection Periods for Preventive Measure for Mid-Rise Buildings Bear Coastal and Inland South Florida Environments; (FIU: Astorod Azizinamni) ranked at 8.2 with funding amount of \$125,000.**
- 3. Assessing the Need to Modernize Water Penetration Resistance Test Procedures; (UF: Forrest Masters) ranked at 7.2 with the funding amount of \$ 90,000-\$120,000.**
- 4. Assessment of durability requirements for concrete structures in Florida; (UF: Chris Ferrara) ranked at 5.8 with funding amount of \$100,000).**
- 5. An Investigation of the Factor Leading to Ridge Vent Failure and Possible Mitigation Solutions: (UNF: Cigdem Akan) ranked at 4.5 with funding amount of \$77.616).**
- 6. Wind-induced Loads on Ground-Mounted and Ground Ballasted Systems; (FIU: Ioannis Zisis) ranked at 3.2 with the funding amount of \$110,000**

Motion:

Mr. Seijas entered a motion to recommend that the Commission approve funding the research projects for fiscal year 2022-2023 based on the HRAC's recommended priority order, and to charge DBPR staff with contracting, administering, and overseeing the research, and negotiating scoping and funding levels as appropriate. Chairman Schock seconded the motion. The motion passed unanimously with a vote of 13-0.

Other Workshop Business:

Research Plan

Mr. Madani presented the FY 2022/2023 Research Project Work Plan with upcoming meeting dates, deadlines, and scope of work.

Comment:

Mr. Mikkelson asked that we make a note in the minutes regarding research Project F, stating it was received after May 3, and was accepted due to its nexus with the legislation that was passed.

Adjourn:

Chairman Shock thanked everyone for their participation and, there being no further business before the Committee, he adjourned the meeting at 3:04 p.m.