

**FLORIDA BUILDING COMMISSION
HURRICANE RESEARCH ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE
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June 21, 2021

1:00 P.M.

Minutes

HURRICANE RESEARCH ADVISORY COMMITTEE MEMBERS PRESENT:

James Schock, Chairman
Joe Belcher
David Compton
Eric Stafford for Anne Cope, Ph.D.
Mark Mikkelson
Craig Parrino

John "Bud" Plisich
Brad Schiffer
Jeffery Schnellmann
Vince Seijas
Brian Swope

HURRICANE RESEARCH ADVISORY COMMITTEE MEMBERS NOT PRESENT:

Sergio Ascunce

Angela Schedel, Ph.D.

STAFF PRESENT:

Mo Madani
Thomas Campbell
Jim Hammers

Justin Vogel
Chris Howell

MEETING FACILITATION:

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

Welcome:

Time: 1:00 p.m.

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 11 members present at roll call.

Agenda Approval:

Mr. Blair asked for a motion to approve the agenda for June 21, 2021 as posted if there were no changes.

Mr. Mikkelson entered a motion to approve the agenda as posted. Commissioner Schiffer seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Approval of Minutes for May 18, 2021.

Mr. Blair asked for a motion to approve the minutes for May 18, 2021 as posted if there were no changes.

Mr. Mikkelson entered a motion to approve the minutes of the May 18, 2021 meeting as posted. Mr. Schnellmann seconded the motion. The motion passed unanimously with a vote of 11 to 0.

To review and accept the final draft reports for the following research projects:

Wind-Induced Loads On Roof Overhangs:

Mr. Madani stated that the report today is the final draft of the presentation provided at the March 22, 2021 meeting which was the interim phase of the project. He provided the Committee with the objective of this project.

Dr. Zisis and Karim Mostafa, FIU provided a detailed Power Point presentation of the final draft report for the research project.

Committee Questions/Comments:

Eric Stafford commented in the summary the results confirmed that, for both configurations, soffit pressure coefficients may be taken as the adjacent wall external pressure, as stated by ASCE7-16 for the case of positive pressure coefficients. He stated he thinks what they meant was the positive pressure. Mr. Stafford said the report referenced several times that the negative

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Wind-Induced Loads On Roof Overhangs (cont.):

Committee Questions/Comments (cont.):

coefficients were not well correlated and in one place in the report it was stated they were not valid.

Mr. Stafford requested clarification about which direction they felt the negative pressures were going, and whether they are referencing that the negative pressures are going too high or too low.

Dr Zisis explained the negative pressures and the direction they would like to take the study.

Public Comment:

Arlene Stewart inquired about effects of coefficients and raised hill trusses.

Dr. Zisis and Dr. Stathopoulos stated this is not in this scope of work but could be reviewed at a later date. They stated they could not give a response at this time.

Mr. Seijas entered a motion to approve final draft report of Wind-Induced Loads on Roof Overhangs. Mr. Stafford seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Updating the Statewide Extreme Rainfall Projections:

Mr. Madani provided a brief introduction and background on this project.

Dr. Jayantha Obeysekera (Dr. Obey), FIU provided a detailed Power Point presentation of the final draft report for the research project.

Committee Questions/Comments:

Mr. Plisich inquired if the external review panel noted at the beginning of the report was brought in for the final review and conclusion.

Dr. Obey stated no, but the panel will be sent the report.

Mr. Seijas stated his concerns are more on roofing and the additional load that the projected rainfalls will put on the drainage systems and the roof load. He stated he saw different regions having different intensities or amounts of water, and asked what be a good average statewide.

Dr. Obey stated this was a good point and he would say that a good average would be 20%.

Updating the Statewide Extreme Rainfall Projections (cont.):

Public Comment: None

Mr. Schnellmann entered a motion to approve final draft report titled Updating the Statewide Extreme Rainfall Projections. Commissioner Schiffer seconded the motion.

Mr. Plisich stated he thought it would be good to have the external review panel look at the report before the actual final is released.

Dr. Obey stated that he would send the report to the external advisory panel and if there were any comments, he would include them in the final report and also send them to the HRAC members.

The motion passed unanimously with a vote of 11 to 0.

General Public Comment: None

Adjourn:

Chairman Schock thanked everyone for their participation and there being no further business before the Committee Chairman Schock adjourned the meeting at 2:30 p.m.