

FLORIDA COMMISSION ON HURRICANE LOSS PROJECTION METHODOLOGY

Post Office Box 13300
32317-3300
1801 Hermitage Boulevard, Suite 100
Tallahassee, Florida 32308
(850) 413-1349
www.sbafla.com/methodology

Steve Burgess
Insurance Consumer Advocate,
Florida Department of Financial Services

Lorilee Medders, Ph.D., Chair
Statistics Expert,
Florida State University

Forrest Masters, Ph.D.
Professional Structural Engineer,
University of Florida

Randy Dumm, Ph.D.
Insurance Finance Expert,
Florida State University

Floyd Yager, FCAS, Vice Chair
Actuary,
Florida Hurricane Catastrophe Fund Advisory Council

Jainendra Navlakha, Ph.D.
Computer Systems Design Expert,
Florida International University

Barry Gilway
President/CEO & Executive Director,
Citizens Property Insurance Corporation

Jack Nicholson, Ph.D.
Chief Operating Officer,
Florida Hurricane Catastrophe Fund

Bryan Koon
Director,
Florida Division of Emergency Management

Kristin Piltzecker, FCAS, MAAA
Actuary,
Property and Casualty Industry

Robert Lee, FCAS
Actuary,
Florida Office of Insurance Regulation

Hugh Willoughby, Ph.D.
Meteorology Expert,
Florida International University

December 17, 2014

Dr. Shahid Hamid
Florida International University
International Hurricane Research Center
AHC 5
Miami, Florida 33199

Dear Dr. Hamid:

The Florida Commission on Hurricane Loss Projection Methodology met yesterday to review the Florida Public Hurricane Loss Model submission received under the 2013 Standards. The Commission deemed the following as deficiencies in your submission.

1. Figure numbering is non-responsive to Acceptability Process II.A.5.c requirement (page 47) in the *Report of Activities*.
2. Standard G-1, Disclosure 4 (pages 71-104)
Response is incomplete as the Statewide 2004-2011 Florida Water Management District data set provided in response to Standard G-1, Disclosure 5.A.1 (page 105) is not included in the List of References.
3. Standard G-1, Disclosure 5.A.1 (page 105)
Response is unclear as the reformatted NOAA historical database was renamed to HURDAT2 in 2012.

4. Standard G-1, Disclosure 5.A.3 (page 106)
Response is unclear as the latest version of HURDAT2 was released in May 2014.
5. Standard G-1, Disclosure 5.C (pages 109-111)
Maps in Figures 20-22 are non-responsive to the Acceptability Process II.A.5.e.2 requirements (page 47) in the *Report of Activities*.
6. Standard G-2, Disclosure 1.B (page 113)
Response is unclear as Figure 23 is unreadable in the printed version.
7. Standard G-2, Disclosure 2.C (page 117)
Response is unclear as Figure 24 is unreadable in the printed version.
8. Form G-2 (page 125)
Response is incomplete as the Name of Model and Mark Powell's professional credentials are not included.
9. Form G-3 (page 126)
Response is incomplete as Sneh Gulati's professional credentials are not included.
10. Form G-6 (page 129)
Response is incomplete as Shu-Ching Chen's professional credentials are not included.
11. Standard M-4, Disclosure 9 (page 145)
Response is non-responsive as it does not describe and justify the appropriateness of the databases used in the windfield validations.
12. Standard S-1, Disclosure 1 (page 171)
Response is incomplete as specific goodness-of-fit tests are not included for hurricane landfalling frequencies.
13. Form S-4.C (pages 202-205)
Response is unclear as Figures 48-53 use of common axis scales does not present a meaningful graphical representation.

On page 30 of the *Report of Activities as of November 1, 2013*, a deficiency is defined as a lack of required documentation. As stated on page 49 under the Process for Determining the Acceptability of a Computer Simulation Model, "Failure of the modeling organization to correct any deficiencies or to submit Form S-6 (Hypothetical Events for Sensitivity and Uncertainty Analysis) if required within the time frame specified will result in the termination of the review process."

Please provide the Commission with the information to correct the deficiencies noted above by Wednesday, January 7, 2015, 4:00 p.m. ET.

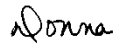
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During the meeting, the Commission also identified the following issues to be addressed with the Professional Team during the on-site review and with the Commission during the meeting to review the model for acceptability.

1. How Florida Building Code enforcement of reinforced and unreinforced masonry is handled in the model. What is the default condition in the model post 2002? If the data is available, does the model take this into account, and if so, how?
2. How screen enclosures for both attached and unattached are handled in the model.

If you have any questions, please contact me at 850-413-1349.

Sincerely,



Donna Sirmons
Staff
Florida Commission on Hurricane Loss Projection Methodology

cc: Lori Medders, Chair