

**AGENDA**  
**WHIP Annual Meeting in Miami, FL**  
**March 30 – 31, 2023**  
**City of Coral Gables Police & Fire Headquarters**  
**2151 Salzedo Street, Coral Gables**

**March 30, 2023 (Thursday) All times are EDT**

- 7:30    Networking breakfast
- 8:00    Self introductions
- 8:20    Welcome from **Peter Iglesias**, City Manager, Coral Gables
- 8:40    Preamble, State of WHIP and Interest/Evaluation form (Airtable): **Kishor Mehta**
- 9:00    **Amal Elawady/ Jean-Paul Pinelli**: *Empirical vulnerability model to assess impact of windborne tree debris on low-rise construction*
- 9:15    **Seung Jae Lee**: *Tree root anchorage capacity estimation for uprooting risk assessment – A numerical study*
- 9:30    **Jean-Paul Pinelli**: *Risk vulnerability model for components of refinery plants or industrial facilities*
- 9:45    Break
- 10:00    Presentation by **Eric Haefli**, Licensed Architect, Senior Technology Researcher, StateFarm: *Equation for success*
- 10:20    **Brad Ewing**: *Examining the linkage between recoveries of businesses and households from disasters*
- 10:35    **Kachouie Nezamoddin/Jean-Paul Pinelli**: *Continuation of the data integration project with an extension to satellite imagery and possible machine learning component*
- 10:50    **Arindam Chowdhury/ Ioannis Zisis**: *Ballasted PV system load sharing and effective wind area (EWA)*
- 11:05    **Ioannis Zisis**: *Effect of PV panel spacing on wind-induced loads*
- 11:20    Presentation by **David Williams**, Texas Windstorm Insurance Association (TWIA), *Data driven damage determination*
- 11:40    **Ting Lin**: *Probabilistic sea-level rise and storm surge hazard analysis (PSLR-SSHA) towards infrastructure resilience*
- 11:55    Lunch Break
- 1:00    **Ioannis Zisis**: *Summary of IUCRC program: NSF program vs WHIP Center*
- 1:15    **Doug Smith**: *Prediction of wind and surge damage to buildings by hurricane*

- 1:30 **Delong Zuo:** *Evaluation of tornado-like loading on buildings of various shapes and geometries*
- 1:45 **Sang-Wook Bae:** *Retrofitting roof-to-wall connections in light-framed wood residential buildings using fiber-reinforced polymer composite materials*
- 2:00 **Steven Lazarus:** *Redefining the traditional roughness characterization used in cat models*
- 2:15 Comments by **Denis Gray** (NCSSU), NSF Evaluator, *IUCRC evaluation results*
- 2:35 **Delong Zuo/loannis Zisis:** *Discussion of Phase 2 proposal*
- 3:20 **IAB Members:** Time for completing Interest/Evaluation (Airtable) form
- 3:45 **Kishor Mehta:** *Plan for Friday*
- 4:00 Adjourn

**March 31, 2023 (Friday) All times are EDT**

- 8:30 **Tim Doggett/Erica Sherman:** *Closed session of IAB for selection of projects and allocation of funds*
- 9:45 **Tim Doggett/Erica Sherman:** *Debriefing by IAB to Site Directors on selection of projects*
- 10:00 **Tim Doggett/Erica Sherman:** *Selection of IAB Chair-Elect for Year 5; other items for Phase 2*
- 11:00 Annual meeting adjourn
- 11:10 Meeting of Site directors for planning of Phase 2 proposal (**Delong Zuo, loannis Zisis, Jean-Paul Pinelli, Kishor Mehta, Marie Hanza, and others**)