



WHIP-C



FIU

Wind Hazard and Infrastructure Performance

Antitrust Preamble:

As members of this organization or participants in this meeting, we need to be mindful of the constraints of the antitrust laws. There shall be no discussions of agreements or concerted actions that may restrain competition. This prohibition includes the exchange of information concerning individual company or vendor company rates, coverages, market practices, claims settlement practices or any other competitive aspect of a company's operation. Each member or participant is obligated to speak up immediately for the purpose of preventing any discussion falling outside the bounds indicated.





Wind Hazard and Infrastructure Performance

What is NSF Funded Center?

- *Longterm Collaboration between industry, government and academe for pursuit of research*
 - Phase I, II, and III (each one of 5 years); Year 3 Phase I
- *Generation of economical, impactful windstorm mitigation solutions*





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State of the WHIP Center

- We are in Year 3; Annual meeting was on April 1-2, 2021
- 7 projects selected by IAB out of 12 proposals
- Interim progress meetings (90-minute) on
 - June 3
 - July 22
 - September 16





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Benefits to Industry

- Royalty-free rights to intellectual property
- Selection of projects and allocation of funds
- High returns from funds invested
- Access to faculty, students and facilities
- Bragging rights; only Center on wind hazards





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Benefits to NSF

- Converting basic research to applied research and product development

Benefits to Academics

- Funds to pursue research
- Connection with industry
- Supporting students pursuing graduate degrees





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How are projects selected? (process in By-laws www.whipc.org)

- January zoom meeting to discuss subjects of interest
- Proposals (2-page) sent to IAB two weeks prior to annual meeting
- IAB Member (one from fees paying company/agency) is given 10 votes
- IAB in executive session assign votes to proposals; proposals with highest votes are selected for projects
- IAB allocates funds for research projects from the Fees





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Key Meeting Objectives

- Obtain a better understanding of WHIP and the IUCRC program
- Refine projects so they adequately reflect member needs and interests
 - Obtain feedback via the online LIFE Feedback system
- Obtain feedback on future research priorities

This will require everyone attending this meeting to be active and engaged!





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LIFE Site, Meeting, Role

- LIFE website link <https://iucrclife.chass.ncsu.edu/lifeforms/index.php>
 - Click on October 28, 2021 Whip Center
 - Password: Virtual10282021
- Select : Industry
- Select : Project
- Select : Review
- Rate – Ask question and/or Comment





Wind Hazard and
Infrastructure
Performance Center
(WHIP-C)

Florida International University

Texas Tech University



Feedback From Our Guests

Welcome WHIP Guests!!

- We value your attendance and participation in our IAB meeting
- We hope you will become more familiar with our center and research strategy and portfolio
- Please feel free to participate actively in all aspects of our meeting today
- However, there is a price of admission – YOUR FEEDBACK!
- In order to meet your needs and the needs of future members we need your feedback
- In order to do this we will ask you to complete a short web survey (5 minutes) at
 - <https://www.surveymonkey.com/r/WHIPGUEST>
 - **Link will be sent by email**



WHIP Visitors Feedback Survey

Introduction

As a visitor to the WHIP IAB Meeting your feedback is valuable to us. The following questions ask for your feedback on our organization, research agenda and suggestions for changes. Unless you provide your name to our last question your feedback will be anonymous. If you give your contact information and ask for follow up in our last question, your feedback will only be shared with WHIP center directors.

1. How satisfied are you with the description of WHIP's structure, operations and procedures including the membership agreement, IP issues, project selection etc.

Not satisfied Slightly satisfied Moderately satisfied Satisfied Very satisfied

A horizontal Likert scale with five radio button options: Not satisfied, Slightly satisfied, Moderately satisfied, Satisfied, and Very satisfied. The scale is represented by a grey bar with five white circles, each corresponding to one of the labels above it.



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Abbreviated agenda

8:45 – 9:45 Progress reports on three projects

9:45 – 10:05 Presentation by Dr. Karthik Ramanathan, IAB Chair

10:05 – 10:15 Break

10:15 – 10:35 Comments by Dr. Crystal Leach, NSF Program Director

10:35 – 11:55 Progress reports on four projects

11:55 – 1:00 Lunch break

1:00 – 1:20 Research potential at TTU, FIU, and FIT

1:20 – 2:20 Open discussion by guests and all

2:20 – 2:40 Schedule for year 4

2:40 – 3:00 Executive session





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