

# **WOW! CHALLENGE 2024**

## **WALL OF WIND MITIGATION CHALLENGE**

***In-Person Live High School Competition at the FIU Engineering & Computing Center  
Thursday, March 21st, 2024, 9am-1:00pm***

### **Written Technical Paper Guidelines** (Updated: 02-13-24)

**Written technical papers are due electronically as a PDF document by Monday, March 18th at 12:00pm. Please e-mail your written technical paper to Erik Salna at [esalna@fiu.edu](mailto:esalna@fiu.edu).**

- Written technical papers are to be no more than three pages in length; not including title page, appendix, reference page, illustrations, tables, graphics, charts and pictures.
- Illustrations, tables, graphics, charts, pictures, etc. can be included in an appendix of no more than three pages in length. Everything should be labeled, and assigned a number, referenced in the body of the written technical paper. The label, title, and source (if any) appear underneath the figure, flush left, in a continuous block of text rather than one element per line.
- References can be documented on a reference page of no more than one page in length.
- The written technical paper should have one inch margins on top, bottom and both left and right sides and a 12- pt. Times New Roman font. Title Page may be 16- pt. Times New Roman font.
- All type should be flush left, with an uneven right margin; leave one space in between paragraphs and indent 5 spaces with new paragraphs. Leave 2 spaces after each period. Number each page in upper right corner flush with right margin.
- Paper size should be standard size of 8.5" x 11".

### **Written technical papers should address these items:**

- Written technical papers should include any scientific or mathematical process and analysis involved with the development of the wind mitigation barrier model.
- What is pedestrian-level wind mitigation (comfort)?
- What is the importance of pedestrian-level wind mitigation (comfort)?
- Is pedestrian-level wind mitigation (comfort) being addressed by your wind mitigation barrier model?
- Written technical papers may also include disciplines such as wind engineering, architecture, business, economics, finance, marketing, geosciences, insurance, political science, sociology, and urban planning when discussing pedestrian-level wind mitigation (comfort) and your wind mitigation barrier model.

### **Written Technical Paper Outline:**

- I. Title Page: WOW! Challenge, March 21st, 2024, School Name (Center all Type)
- II. Include Purpose, Method and Materials, and Discussion/Conclusion
- III. Appendix Pages: Illustrations, Tables, Graphics, Charts, Pictures, etc.
- IV. References Page