



Impactful Resilient Infrastructure Science and Engineering Consortium (IRISE)

-Annual Meeting-

May 24, 2021 @10:00am - 2:30pm

Constructors Association of Western Pennsylvania

800 Cranberry Woods Drive

Suite 110

Cranberry Township, PA 16066

Zoom Link: <https://us02web.zoom.us/j/89359655311>

1. **Coffee and Pastries** (9:30 – 10:00 AM)
2. **Welcoming Remarks** (10:00 – 10:10 AM)
 - a. Rich Barcaskey, Executive Director, Constructors Association of Western Pennsylvania
 - b. Julie Vandenbossche, Director, IRISE
3. **IRISE Annual Report and Direction** – Julie Vandenbossche, Director, IRISE (10:10 - 10:30 AM)
4. **Completed Project Briefings:** (10:30 – 10:50 AM)
 - a. Toward Using Microbes for Sustainable Construction Materials: A Feasibility Study: Steve Sachs
 - b. Landslide Capacity Building Seminars: Dan Bain
5. **On-going Project Briefings** (10:50 – 11:20 AM)
 - a. Improving Bridge Assessment through the Integration of Conventional Visual Inspection, Non-Destructive Evaluation, and Structural Health Monitoring Data: Amir Alavi
 - b. Early Opening of Concrete Pavements to Traffic: Lev Khazanovich
 - c. Developing Methodologies to Predict and Quantify the Benefits of IRISE Research: Mark Magalotti



6. **Projects Just Underway:** (11:20 – 11:50 AM)
 - a. Landslide Best Practices: Fatma Ciloglu (Michael Baker)
 - b. Remote-Controlled Technology Assessment for Safer Pavement Construction and QA/QC: Lucio Salles de Salles
 - c. Preliminary Evaluation of Pavement Surface Distresses Related to Pavement Markings: Lucio Salles de Salles
7. **Projects Underway Soon:** (11:50 AM – 12:10 PM)
 - a. Joint Design Optimization: Julie Vandenbossche
 - b. Material Compatible Repairs Evaluation: Steve Sachs
8. **Lunch** (12:10 PM – 12:40 PM)
9. **PennDOT Secretary Yassmin Gramian Remarks** (12:40 -1:10 PM)
10. **Presentation and Discussion of Year 4 Work Program** – Gary Euler (1:10 – 1:30 PM)
11. **Future Direction Discussion** (1:30 – 2:30 PM) - Discussion led by Julie Vandenbossche
 - a. Do we have the correct research priorities?
 - b. Do we have the right investment balance among topics?
 - c. Do we have the right balance between applied vs. fundamental research? Big vs. small projects? High risk vs. lower risk projects?
 - d. Membership growth (and possible diffusion of research priorities)

