

## Fall 2020

The [Civil and Environmental Engineering Seminar Series](#) is an excellent opportunity to learn about exciting projects in the field. Seminars include research and practical topics and are given by alumni, professionals, and academics working in the fields of civil and environmental engineering.

Unless listed otherwise, all Civil and Environmental Engineering seminars will be held virtually on **Fridays from 12-1pm**. Please register using the Zoom link provided for each event.

### **September 25, 2020**

Imperatives for Innovation to address Climate Change: Perspectives from a Breakthrough Energy Ventures Investor

[Libby Wayman](#) - *Breakthrough Energy Ventures*

### **October 2, 2020**

MassCEC's Focus Areas and Key Innovation Needs for Decarbonization

[Ariel Horowitz](#) - *Massachusetts Clean Energy Center*

### **October 9, 2020**

Risk and Reward: An Engineer's View from Inside the Insurance Industry

[Roger Grenier](#) - *Air Worldwide*

### **October 16, 2020**

Keeping Pace with a Constantly Moving Target: Launching a Course on COVID-19

[David Gute](#) - *Tufts University*

### **October 23, 2020**

Geotechnical Engineering in Action – Career Perspectives on Geotechnical Engineering and Construction from Recent and Not-So-Recent Graduates

[Tufts Civil Engineering Graduates](#)

### **October 30, 2020**

On the Use of Operations Research Methods for Design of School Districts

[Karen Smilowitz](#) - *Northwestern University*

### **November 6, 2020**

Please Forget Everything You Ever Learned About Terzaghi Consolidation Theory

[David Carrier](#)

### **November 13, 2020**

Approaches to Modeling Ergodic Seismic Site Response in Central and Eastern North America

[Grace Parker](#) - *USGS*

**November 20, 2020**

Case Study - Heavy Manufacturing Building over Soft Marine Clay Profile

*Theodore von Rosenvinge IV - GEODesign Inc.*

**December 4, 2020**

The Imperative for Global Systems Approach to address Energy and Climate Challenges

*Shaffiq Jaffer - Total*