

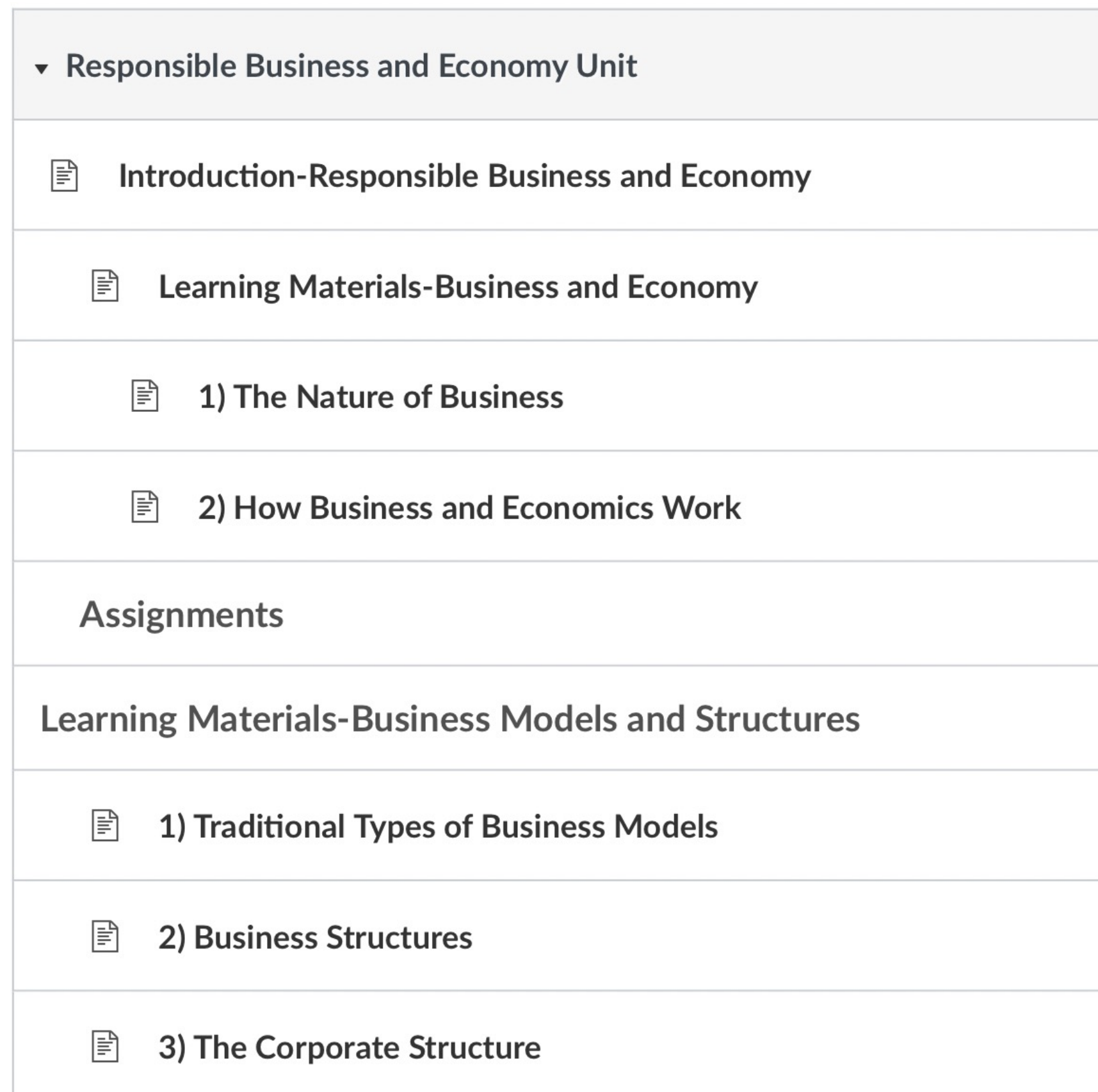
EOP Canvas Module Project

Who: Prof. Tyler J. Smith, LL.M., J.D.

- Assistant Professor, Foster College of Business

What: Business professor creates Canvas modules for engineering classes

- 3 topic areas from framework = 3 units in Canvas
 - 1) Environmental Literacy
 - 2) Responsible Business and Economy
 - 3) Social Responsibility
- Each unit contains text, videos, assignments, and assessments



▼ Responsible Business and Economy Unit

- Introduction-Responsible Business and Economy
- Learning Materials-Business and Economy
 - 1) The Nature of Business
 - 2) How Business and Economics Work
- Assignments
- Learning Materials-Business Models and Structures
 - 1) Traditional Types of Business Models
 - 2) Business Structures
 - 3) The Corporate Structure

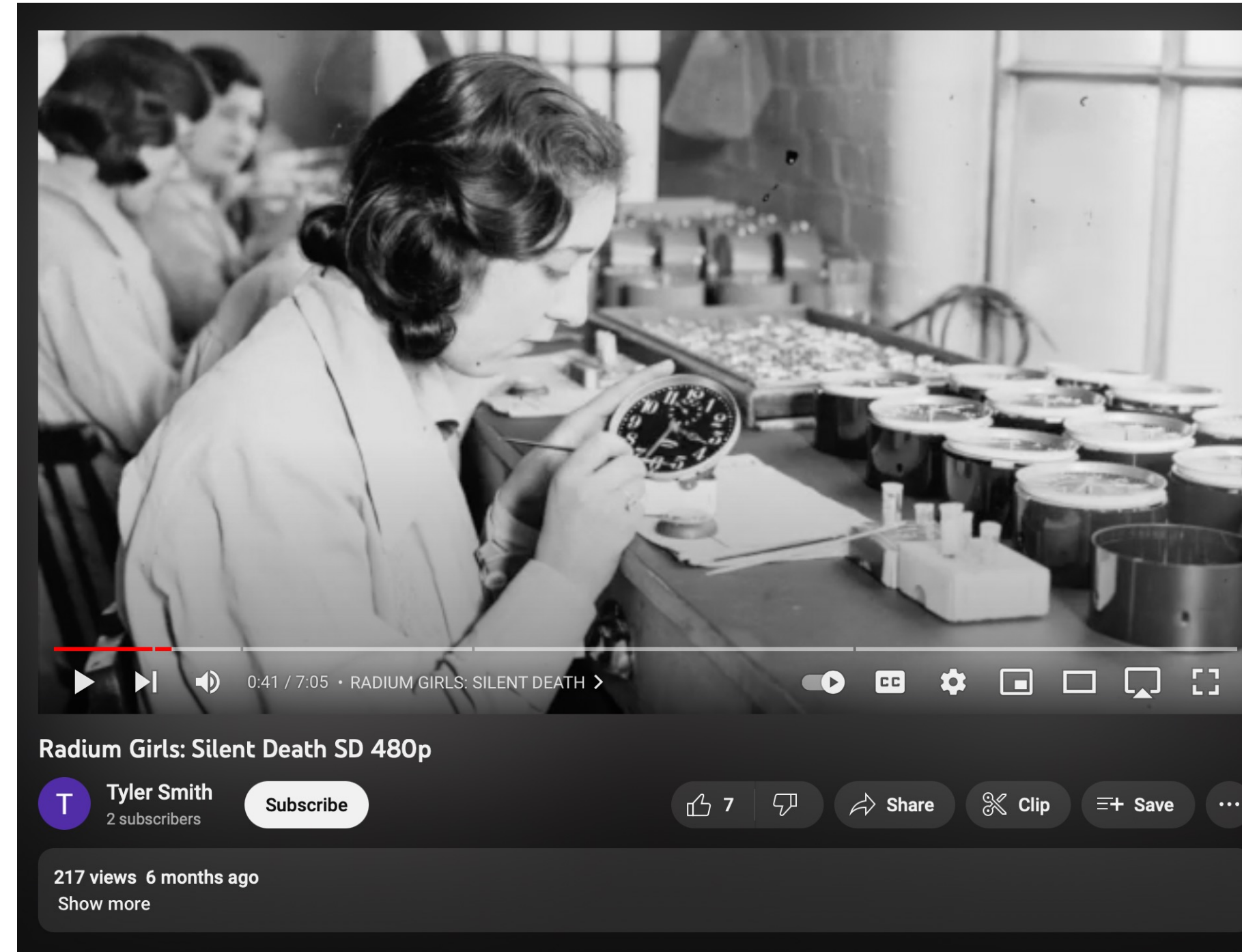
Canvas Module Screenshot

Where: Two civil engineering courses piloted the modules

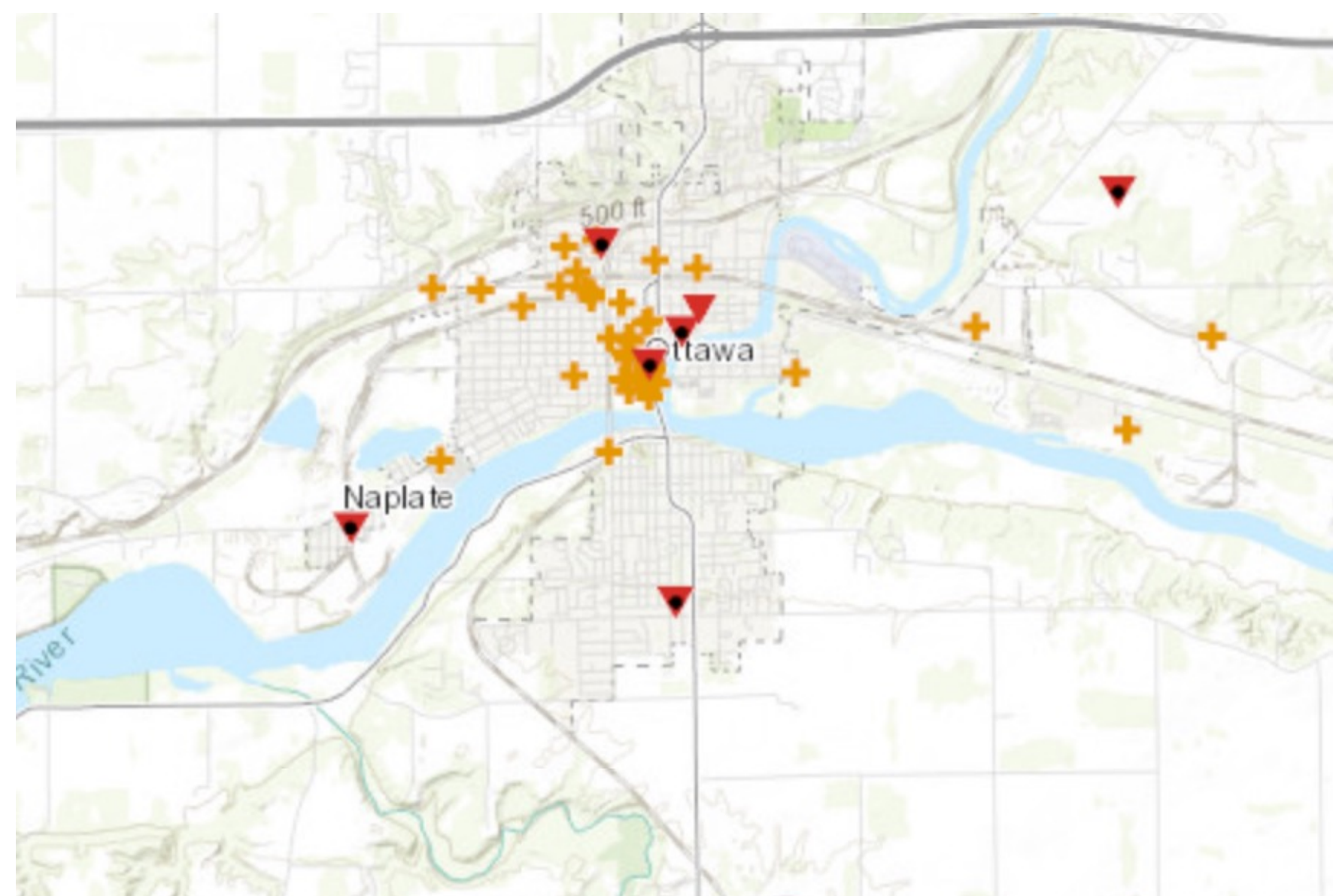
- CE 100-Introduction to Civil Engineering
 - Environmental Literacy unit
- CE 383-Ethics and Sustainability
 - All three units

When: Fall 2022

Why: Engineers must consider the social, legal, and future impacts of their work



- Social responsibility unit contains a video I created to tell the story of the “Radium Girls”
- In the 1960s, radium laced debris from old factory buildings was spread all over Ottawa, IL
- The impact of that radioactive debris from the 1920s still is yet to be cleaned up entirely in the area
- 15 of the 16 sites have been cleaned



Ottawa, IL EPA Superfund Site

Progress and Plan for Scaling Up:

- Continue to develop Canvas modules based upon other topic areas of the EOP Framework
- Reach out to other engineering professors to gauge interest in EOP and use of Canvas Modules
- Create and facilitate EOP Canvas Module training workshop

Evaluation and Impact:

- This project encourage me to pursue another grant project between the College of Engineering and College of Business
- Creation and delivery of learning materials for a civil engineering course, Water Supply & Hydraulic Engineering

Acknowledgements:

Special thank you:

- Dr. Kris Maillacheruvu, Associate Dean of New Initiatives
- Dr. Molly Gribb, Dean Foster College of Business and Caterpillar College of Engineering and Technology