



VIRGINIA TECH

Departmental Strategic Plan

Charles E. Via, Jr. Department of Civil and Environmental Engineering

MISSION

To inspire the next generation of Civil and Environmental Engineers to serve society in a community that values and leads transdisciplinary discovery, learning, and professionalism within the natural and built environment.

VISION

We are innovation leaders for the Civil and Environmental Engineering profession. We are known for disciplinary excellence, and we are the partner of choice to solve complex problems for the betterment of society. We are improving the lives of people in the Commonwealth, nation, and world.

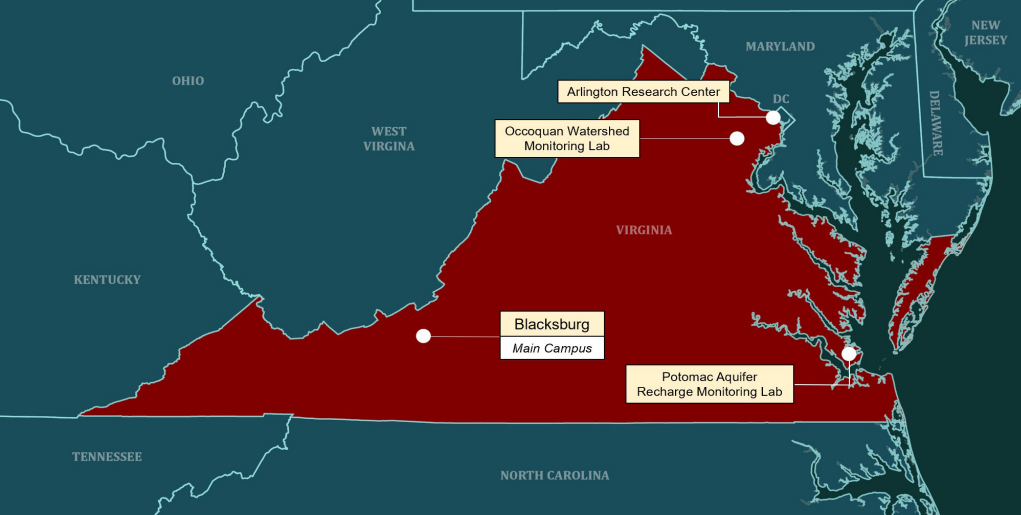
CORE VALUES

Following Virginia Tech's motto of *Ut Prosim*, the College of Engineering's and the University's vision and mission statements, and the Virginia Tech Principles of Community, the CEE department's mission and vision are guided by our core values of:

- Stewardship
- Academic Excellence
- Impactful Research
- Leadership
- Knowledge Transfer
- Community Development

WHO WE ARE

- + **56 faculty**
- + **652 undergraduate students**
- + **310 graduate students**
- + **Over 13,000 engaged alumni**
- + **CEE program areas:**
 - + Vecellio Construction Engineering and Management Program
 - + Environmental and Water Resources
 - + Geotechnical Engineering
 - + Structural Engineering and Materials
 - + Bowman Sustainable Land Development Program
 - + Transportation Infrastructure and Systems Engineering



CEE Departmental Strategic Plan

Strategic Priority 1: Strengthen Our Community

Goal 1.1: Attract, retain, and develop top talent

Goal 1.2: Build connections across the department

Goal 1.3: Promote effective communications within the department and with external stakeholders

Goal 1.4: Strengthen connections with alumni

Strategic Priority 2: Optimize the Infrastructure and Resources to Support Our Vision

Goal 2.1: Modernize existing facilities

Goal 2.2: Expand research infrastructure and capacity

Goal 2.3: Diversify extramural funding sources

Goal 2.4: Align faculty and staff time with research, teaching, and service goals

Strategic Priority 3: Align Education and Research for Impact in a Rapidly Changing World

Goal 3.1: Accelerate transdisciplinary activity across the department's disciplines and across the university (e.g., resilience, sustainability, urbanization and interdependence of infrastructure systems)

Goal 3.2: Align curricula with the present and future of the field

Goal 3.3: Strengthen collaborations with Virginia Tech partners and regional communities

DEPARTMENTAL RANKINGS

Undergraduate Program Rankings

#7 Environmental Engineering

#9 Civil Engineering

Graduate Program Rankings

#4 Environmental Engineering

#9 Civil Engineering



DID YOU KNOW?

The first civil engineering degree at Virginia Tech was awarded in 1889.