|  |
| --- |
| **Training Workshop on ASCE Strategic Initiatives****(Breakfast & Lunch Included with Registration)****Saturday, April 16, 2016****8:00 AM – 3:00 PM** |

Did you know that the ASCE Strategic Initiatives are set by our Board of Direction, including representatives of all 10 regions? Are you aware that ASCE volunteer committee members and headquarters’ staff are available to help your region, section, and branch become successful in executing these initiatives? Did you know that these initiatives trace their roots to ASCE’s [Vision 2025](http://www.asce.org/vision2025/) process that began during the last decade? Join ASCE volunteer leaders and staff to learn what these initiatives encompass, how they represent ASCE’s commitment to Vision 2025 and how regions, sections, and branches all over the country and abroad are implementing these initiatives.

Currently, ASCE pursues three strategic initiatives: Sustainable Infrastructure, the ASCE Grand Challenge, and Raise the Bar including Attracting Youth to Civil Engineering. Some background on each initiative is provided below:

Sustainable Infrastructure

As civil engineers, we are entrusted to maintain and modernize America’s deteriorating infrastructure and help make our communities sustainable. ASCE continues to lead in these areas through:

* [ASCE’s Report Card for America’s Infrastructure](http://www.asce.org/reportcard/), which depicts the condition and performance of the nation’s infrastructure and sees the solution in terms of leadership, sustainability, resiliency, maintenance, and prioritized investment.
* The [Institute for Sustainable Infrastructure](http://www.sustainableinfrastructure.org/) and its rating tool, [Envision](http://www.sustainableinfrastructure.org/rating/index.cfm), incorporating economic, social, environmental criteria in the design, construction, operation and maintenance of infrastructure.
* [State and Regional Infrastructure Report Cards](http://www.infrastructurereportcard.org/states/), which raise awareness about state and local infrastructure needs.
* [ASCE infrastructure policy reports](http://www.asce.org/failure_to_act_economic_studies/), which highlight national infrastructure trends, innovations, and solutions to infrastructure challenges.
* In-depth sustainable infrastructure courses, conferences, and publications that help professionals incorporate sustainability principles into their daily practice.

ASCE Grand Challenge

The investments needed to improve our infrastructure continue to increase well beyond available funding. How do we close the infrastructure gap? ASCE has issued a grand challenge to civil engineers and the industry:

* Significantly enhance the performance and value of infrastructure projects over their life cycles by 2025;
* Foster the optimization of infrastructure investments for society.

To reach this goal, the profession must influence major policy changes and infrastructure funding levels, while challenging civil engineers to focus on innovation, rethink life cycle costs, and drive transformational change—from planning to design to delivery.

As one of the first steps in this new ASCE Grand Challenge strategic initiative, the Society launched the [ASCE Innovation Contest](http://www.asce.org/innovation-contest/), which encouraged professionals, educators, and students to share their most creative ideas for reshaping our nation’s infrastructure. ASCE has also introduced a four-part [webinar series](http://mylearning.asce.org/diweb/catalog/item/id/711151?_ga=1.49824422.1009982659.1444390240) on strategies to close the gap between infrastructure needs and funding.

Raise the Bar

It’s time to align engineering education with a changing world.

The complex challenges facing 21st-century society require professional engineers to advance their technical excellence and professional leadership. The engineering education of the present, a four-year undergraduate degree, will not be sufficient to prepare the licensed professional engineers of the future.

ASCE’s [Raise the Bar strategic initiative](http://www.asce.org/raise_the_bar/) seeks to advance the civil engineering profession and the public welfare by actively supporting the national movement to raise educational requirements for licensure of future professional engineers.

Attracting Youth to Civil Engineering

The profession’s ability to attract talented and motivated youth to civil engineering careers is crucial to its future success. Learn more about how [precollege outreach](http://www.asce.org/pre-college_outreach/) is helping create the next generation of civil engineers.