



Vision for the Future of Structural Engineering

Adopted by CASE on May 7, 2019, NCSEA on April 23, 2019, and SEI on April 27, 2019

CASE, NCSEA, and SEI are united in envisioning a future where, as stewards of the built environment, structural engineers are widely recognized as making key contributions to the advancement of society on a national and global scale.

The profession is at a critical turning point. Increasing complexity, computer automation, onerous contractual requirements, and global interconnectivity are among the trends that are fundamentally changing the practice of structural engineering. The challenge is to foresee the impacts of these trends in a way that reinforces and expands the critical role of structural engineers in improving the safety and well-being of all. This vision is the basis for a long-term strategy to ensure a vibrant and dynamic future.

A unique, fully engaged profession with a strong identity will be realized when structural engineers:

- are viewed as an integrating factor in every project, rather than merely part of the supporting cast;
- routinely address policy, aesthetics, and finance as important aspects of their role;
- are renowned for their creativity and commitment to learning; and
- articulate their vision in a way that is understood, embraced, and admired by the public.

To achieve these long-term goals, CASE, NCSEA, and SEI are committed to cooperating on and investing in the following key initiatives:

1. Develop and position structural engineers as leaders and innovators on project teams and in society.
2. Reform structural engineering education.
3. Improve mentoring of young structural engineers.
4. Enhance the professional development of practicing structural engineers.
5. Advocate structural engineering licensure.
6. Implement performance-based codes and standards.
7. Encourage resilience in the built environment, including disaster response planning.
8. Promote diversity within the structural engineering profession.
9. Collaborate on common causes with related industry organizations.
10. Advance the structural engineering profession nationally and globally.

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