



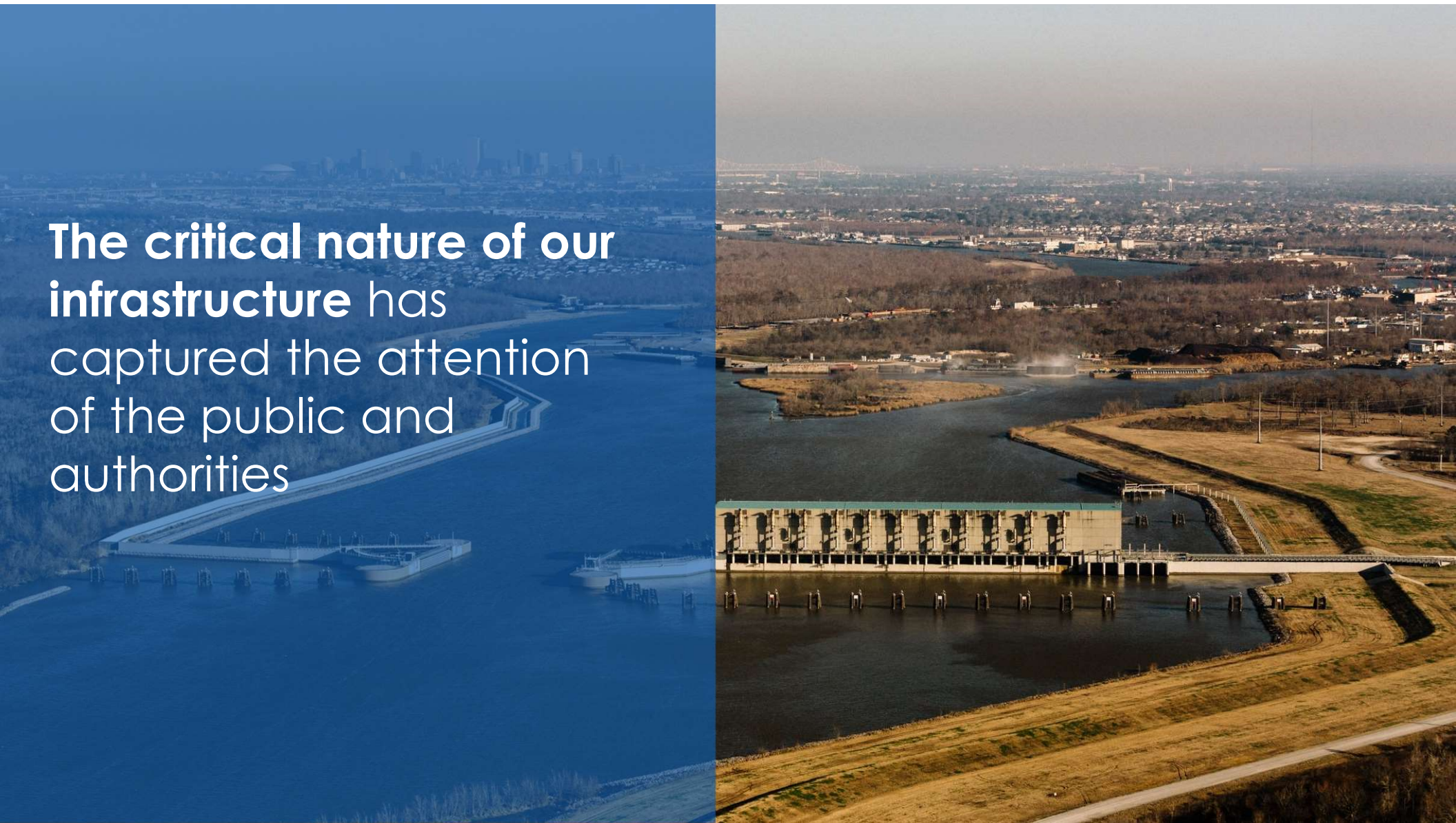
# CEC BOARD CERTIFICATION

FOR CIVIL ENGINEERING





**The critical nature of our infrastructure** has captured the attention of the public and authorities







Public trust requires that  
engineers in charge of critical  
infrastructure are **highly qualified.**

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Identification of the  
**most qualified engineers**  
is essential.





# CEC Board Certification

- ✓ **Demonstrates specialty expertise** beyond professional licensure
- ✓ Identifies **experienced civil engineers with leadership, project management, and communications skills**
- ✓ **Recognized internationally**
- ✓ Administered by not-for-profit national peer organizations and accredited by CESB
- ✓ Available in **seven specialty disciplines** with more in development
- ✓ The only professional credential developed by civil engineers, for civil engineering



**Specialty  
Board Certification**  
is available in these  
disciplines

- ✓ Coastal Engineering
- ✓ **Geotechnical Engineering**
- ✓ Navigation Engineering
- ✓ Ocean Engineering
- ✓ Port Engineering
- ✓ Pipeline Engineering-Water
- ✓ Water Resources Engineering



# Benefits of Specialty Certification



**Improves project execution** and ensures overall success of complex infrastructure projects



**Higher Salaries**



**Career Development**



Contributes to an overall **reduction in project risk**, liability, and minimizes the risk of delays and cost overruns



Lower professional insurance rates  
(*Professional Liability Credit*)

## What **board-certified engineers** are saying

“

One of the single most important means of conveying the extent of my experience in my field of specialty to my Attorney clients.

– Rick Van Bruggen

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“

This certification makes me more valuable to our firm, and I am sure that is reflected in my compensation.

– Terry Winn

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The BC.GE certification certainly demonstrates that I am serious about my chosen profession and confirms that my peers consider me to be an expert in field of geotechnical engineering.

– Bob Goehring

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## Additional Testimonials from BC.GEs

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“The Geotechnical Engineer board certification demonstrates that I am serious about my chosen profession and confirms my peers consider me to be an expert in field of geotechnical engineering.”

Bob Goehring, P.E., BC.GE

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“The geotechnical engineer certification has helped me and our company to let many of our clients, colleagues and the public know that we are dedicated geotechnical engineers who are capable of solving variety of complex geotechnical problems.”

Sujan Bhattacharya,  
Ph.D., P.E., BC.GE

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“When we hire another chief engineer here at Rembco Engineering, we will give extreme preference to board-certified geotechnical engineers over any other applicants.”

R. Michael Bivens,  
P.E., BC.GE

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# CEC board certification recognizes



**Specialty experience  
and expertise**



**Good communications  
skills**



**Commitment to continuing  
education/ professional  
development**



**High ethical standards**



**Demonstrated project  
management/  
leadership skills**



**Good moral character**



# Hiring a board-certified engineer

*Assures that the most qualified professionals work on projects.*

**CEC** CIVIL ENGINEERING  
CERTIFICATION



## What **insurance providers** are saying

“

Having board-certified status demonstrates that a civil engineer is an expert in his or her field. This allows us to give them a premium credit because they've shown via their educational commitment to the industry and experience that they're an industry leader who is less of an underwriting risk.

– **Nick Herzel, Assistant Vice President Underwriting**

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Pearl Insurance appreciates the value of ASCE's board certification process through which engineers hone their skills and knowledge in a particular discipline. Board-certified engineers are eligible for a premium discount in recognition of their advanced education and expertise.”

– **Lynette Broers, ASCE Program Business Manager**

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Agencies and projects **specify or require board-certified engineers** on the project team



Deer Island Treatment  
Plant Eastern Seawall and Shoreline  
Protection Remediation Design



Shoreline Erosion Remedies  
in MacEachron Park in the Village of  
Hastings-on-Hudson



San Francisco Airport runway  
extension



## Earn your specialty board certification

- 1 Select your specialty and confirm eligibility
- 2 Submit your application and payment
- 3 Application review
- 4 Exam

## Eligibility for BC.GE certification:

1. P.E. license or approved equivalent.
2. Undergraduate degree in engineering.
3. 10 + years of practice in geotechnical engineering with Master's degree\*, OR 15 years in lieu of a Master's degree.
4. Demonstrated attainment of Geotechnical Engineering Body of Knowledge.
5. Adherence to the ASCE Code of Ethics.

\*Post-graduate education includes a Master's, PhD, 30+ relevant credit hours, or an advanced certificate recognized by the AGP.



Offers a certification in  
**Geotechnical Engineering**



- Launched in 2008 by G-I Leaders, ASCE & CEC.
- Second certification program by ASCE and CEC.
- BC.GE certification is accredited by Council of Engineering Specialty Boards.
- AGP has certified hundreds of BC.GEs since 2008

# AGP Annual Induction Ceremony





# Join this Community of Leaders





# Thank You

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Questions?

**[www.asce.org/certification](http://www.asce.org/certification)**

[jdimaggio@hntb.com](mailto:jdimaggio@hntb.com) or [jdimaggio2gmail.com](mailto:jdimaggio2gmail.com)

Or contact the CEC Staff team at [cec@asce.org](mailto:cec@asce.org)

