

Department of Civil, Construction, and Environmental Engineering

The Department of Civil, Construction, and Environmental Engineering offers undergraduate degree programs in civil engineering, construction engineering and environmental engineering, accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>. Graduation from an ABET accredited program is the first step toward Professional Engineering licensure. The Department is among the largest and is highly ranked compared to peer programs nationwide. Faculty expertise and elective courses cover a wide range of topics including: coastal engineering, computer modeling and simulation, construction engineering, construction and transportation materials, environmental engineering, geotechnical and geo-environmental engineering, structural engineering, transportation systems, and water resources engineering. All three degree programs prepare students for engineering practice as well as graduate education and research.

Our overarching theme is sustainable infrastructure for society and our mission as civil, construction, and environmental engineers is to develop engineering solutions to better the human condition by improving infrastructure, human health, and the environment. This includes the design, construction and operation of facilities that we use daily including roads, bridges, tunnels, buildings, clean water for drinking and recreation, transportation networks, flood control systems and much more. We live by the principle that diversity makes us stronger and everyone has the right to be respected. Welcome to the Department of Civil, Construction, and Environmental Engineering.

Department Highlights:

- The Department is now located in the new state-of-the-art Fitts-Woolard Hall on Centennial Campus.
- The Department maintains state-of-the-art computing facilities and laboratories for teaching and research.
- Many students gain work experience through cooperative education (Co-Op) and internships.
- There are more than 25 student organizations and honor societies affiliated with the Department.
- Through the generous support of industry and program alumni, many scholarships and awards are available to students, in addition to university, college, and need-based financial aid.
- The Department offers an annual faculty led summer study abroad program, in addition to a wide range of programs offered by the Study Abroad Office in which our students participate.
- We have numerous opportunities for students to become involved in research with faculty and we offer an undergraduate research thesis option.
- Selected students may be admitted to the Accelerated Bachelors/Masters (ABM) program.

For more information about our Department, including contact information, visit our website (<https://www.ccee.ncsu.edu/>).

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Faculty

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J. MacDonald Gibson

Associate Department Heads

S.R. Ranjithan, *Associate Head for Graduate Programs*

S. Underwood, *Associate Head for Undergraduate Programs*

Coordinator of Advising

T. N. Aziz

Distinguished Professors

M.A. Barlaz, *Distinguished University Professor of Civil, Construction, and Environmental Engineering*

H.C. Frey, *Glen E. Futrell Distinguished University Professor*

M.A. Gabr, *Distinguished Professor of Civil Engineering and Construction*

E.J. Jaselskis, *E. I. Clancy Distinguished Professor*

Y.R. Kim, *Jimmy D. Clark Distinguished University Professor*

D.R. Knappe, *S. James Ellen, Jr. Distinguished Professor of Civil, Construction, and Environmental Engineering*

M.J. Kowalsky, *Christopher W. Clark Distinguished Professor*

F.L. de los Reyes, *Glen E. Futrell Distinguished University Professor*

Professors

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J.W. Baugh, Jr.

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J.F. DeCarolis

J.J. Ducoste, *Associate Dean for Faculty Advancement*

B.L. Edge, *Professor of the Practice*

M.N. Guddati

A. Gupta

T. Hassan

M.I. Hoit, *Vice Chancellor for Information Technology*

G.F. List

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G. Mahinthakumar

M.F. Overton, *Vice Provost for Academic Strategy*

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S.R. Ranjithan

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J.A. Rispoli, *Professor of the Practice*

R. Seracino

S. Underwood

B.M. Williams, Jr.

Adjunct Professors

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M.G. Calvi

Emeritus Faculty

M. Amein, *Professor Emeritus*

W.L. Bingham, *Associate Professor Emeritus*

R.C. Borden, *Professor Emeritus*

R.H. Borden, *Professor Emeritus*

A.C. Chao, *Associate Professor Emeritus*

E.D. Brill, Jr., *Professor Emeritus*

J.S. Fisher, *Professor Emeritus*

A.K. Gupta, *Professor Emeritus*

J.M. Hanson, *Distinguished Professor of Civil Engineering and Construction Emeritus*

K.S. Havner, *Professor Emeritus*

C.L. Heimbach, *Professor Emeritus*

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M. L. Leming, *Professor Emeritus*

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J.M. Nau, *Professor Emeritus*

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M.S. Rahman, *Professor Emeritus*

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C.C. Tung, *Professor Emeritus*

H.E. Wahls, *Professor Emeritus*

P. Zia, *Distinguished University Professor Emeritus*

Associate Professors

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A. Albert

D.F. Call

C.A. Castorena

J.C. Dietrich

A.P. Grieshop

G. Haikal

A. Hajbabaie

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G.W. Lucier, *Research Associate Professor, Constructed Facilities Laboratory Manager*

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D.R. Obenour

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E. Bardaka

A. Cabas-Mijares

F. Garcia Menendez

A. Harris

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G.T. Proestos

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A.J. Ziccarelli

Teaching Professor

S.S. Welton

Teaching Assistant Professors

M. Kittle Autry

J.W. Miller

Lecturer

R.A. Nunez, *Senior Construction Extension Specialist*

Adjunct Assistant Professor

D.J. Findley

Adjunct Faculty

R.A. Luetlich, *Interinstitutional Adjunct Faculty*

Director

G. Bonner, *Director of NC Renewable Ocean Energy Program*

Plans

- Civil Engineering (BS) (<http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/civil-engineering-bs/>)
- Construction Engineering (BS) (<http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/construction-engineering-bs/>)
- Environmental Engineering (BS) (<http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/environmental-engineering-bs/>)