

# Civil Engineering (PhD)

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## Degree Requirements

Students may choose from the specializations below to complete coursework within a focus area.

**Degrees earned will be distributed as: "Doctor of Philosophy in Civil Engineering" without specialization specifications.**

- 54 graduate credit hours beyond master's
- Areas of Specialization
  - Computing and Systems
  - Construction Engineering
  - Environmental, Water Resources, and Coastal Engineering
  - Geotechnical/Geoenvironmental Engineering
  - Mechanics and Materials
  - Structural Engineering and Mechanics
  - Transportation Materials and Systems

## Faculty

### Full Professors

Sankarasubramanian Arumugam

Morton A. Barlaz

Joseph F. DeCarolis

**Area of Research:** Environmental and Energy Policy

John W. Baugh Jr.

Emily Zechman Berglund

Francis Lajara De Los Reyes III

Joel Ducoste

Henry C. Frey

Mohammed Awad Gabr

Jessica Ann Kaminsky

Murthy N.Guddati

Abhinav Gupta

Tasnim Hassan

Edward J. Jaselskis

Youngsoo R. Kim

Detlef R. Knappe

Mervyn J. Kowalsky

George F. List

Min Liu

Gnanamanikam Mahinthakumar

James M. Nau

Margery F. Overton

Ranji Ranjithan

William John Rasdorf

Rudolf Seracino

Akhtarhusein A. Tayebali

Billy Merle Williams Jr.

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## Associate Professors

Ange Therese Akono

Alex Albert

**Area of Research:** Construction Engineering and Management

Douglas F. Call

**Area of Research:** Environmental & Water Resources

Cassandra Alison Castorena

Danjue Chen

Joel Casey Dietrich

Andrew P. Grieshop

Jeremiah Johnson

Brina Mortensen Montoya

Daniel R. Obenour

**Area of Research:** Water Resources & Coastal Engineering

Mohammad Pour-Ghaz

Benjamin Shane Underwood

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## Assistant Professors

Katherine Anarde

**Area of Research:** Environmental, Water Resources, & Coastal Engineering

Tarek Aziz

Eleni Bardaka

Jorge Emilio San Juan Blanco

Ashly Margot Cabas Mijares

Fernando Garcia Menendez

Ali Hajbabaie

Kook Han

Angela Rose Harris

Jordan Kern

Jason Fredrick Patrick

Giorgio Talotti Proestos

Jacelyn Jaunice Rice-Boayue

Andrew Joseph Ziccarelli

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## Practice/Research/Teaching Professors

Saran Srikanth Bodda

Florentino Banaag De La Cruz

Billy L. Edge

Meagan Kittle Autry

James William Levis

Gregory W. Lucier

Mohamad Shoaib Samandar

Elizabeth J. Sciaudone

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## Emeritus Faculty

William L. Bingham

Robert C. Borden

Roy H. Borden

Earl Downey Brill Jr

Allen C. Chao

John S. Fisher

Ajaya K. Gupta

Kerry S. Havner

Clinton L. Heimbach

Yasuyuki Horie

David West Johnston

Narendra P. Khosla

Michael Lloyd Leming

Vernon C. Matzen

Stephens W. Nunnally

M. Shamimur Rahman

Sami Rizkalla

Nagui M. Roupail, *Distinguished Professor Emeritus*

**Area of Research:** Transportation Engineering & Systems

J. C. Smith

John R. Stone

Harvey E. Wahls

Paul Z. Zia

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## Adjunct Faculty

Amin Kamal Akhnoukh

Michael Scott Breen, *Adjunct Professor*

**Area of Research:** Environmental Engineering & Air Quality

Daniel J. Findley, *Adjunct Assistant Professor*

**Area of Research:** Transportation Research (ITRE)

Alejandra C. Geiger-Ortiz, *Adjunct Assistant Professor*

**Area of Research:** Coastal Engineering

Leta Huntsinger

Anderson Rodrigo de Queiroz, *Adjunct Research Assistant Professor*

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## Assistant Research Professor

Tongchuan Wei