

Department of Forestry and Environmental Resources

Undergraduate programs in forestry and environmental resources incorporate the many topics needed to make decisions about how society will interact with natural resources, including the aquatic, atmospheric, and terrestrial ecosystems upon which human lives depend. Faculty and students in the Department of Forestry and Environmental Resources study all of these resources and their interactions. As they plan for and assess impacts to natural resources, they integrate STEM and social science areas of study in multiple ways.

All of our students graduate with a wealth of real-world experiences and a deep understanding of the interdisciplinary nature of solving complex challenges. Graduates go on to have successful careers as forest managers, environmental educators, land conservation specialists, sustainability consultants, wildlife biologists, environmental health and safety officers, restoration ecologists, and many more.

Five programs allow undergraduate students to focus study on the kinds of problems they want to solve:

- Environmental Science
- Environmental Technology and Management
- Fisheries, Wildlife, and Conservation Biology
- Forest Management (Production and Ecology concentrations)
- Natural Resources (Ecosystem Assessment and Policy/ Administration concentrations)

Department Highlights

- Hands-on and field-based coursework throughout programs of study
- Strong emphasis on professional development, internships, and experiential learning
- Generous scholarship support for students with proven academic credentials
- Broad range of research opportunities within and outside the academy
- Personal advising attention focused on students' career opportunities

For more information about our department and majors, visit our website (<https://cnr.ncsu.edu/fer/>).

Contact

- Dr. Lara Pacifci, PhD
- Director of Undergraduate Programs
- lara_pacifci@ncsu.edu (gblank@ncsu.edu)

Department of Forestry and Environmental Resources

Box 8008
North Carolina State University,
Raleigh, North Carolina 27695-8008

Faculty

Department Head

Erin Sills

Professors

Robert Bardon, *Associate Dean for Extension*

Gary Blank

Caren Cooper

Frederick Cubbage

Jason Delborne

Christopher DePerno, *FWCB Coordinator*

Gary Hodge

Fikret Isik

John King

Bailian Li

Ross Meentemeyer, *Director, Center for Geospatial Analytics*

Christopher Moorman

Stacy Nelson, *Associate Dean for College Culture and Community*

Elizabeth Nichols

Nils Peterson

Joseph Roise

Robert Scheller, *Associate Dean for Research*

Ge Sun, *USDA Professor*

Mirela Tulbure

R. Whetten

Research Professor

Roland Kays, *Director, Biodiversity & Earth Observation Lab, Nature Research Center, NC Museum of Natural Sciences*

Teaching Professor

Lara Pacifci

Associate Professors

Juan Acosta Jaramillo

Marcelo Ardon

Justin Baker

Rachel Cook

Ayse Ercumen

Jodi Forrester

Josh Gray

Robert Jetton

Madhusudan Katti

Zakiya Leggett

Ivana Mali

Katie Martin

Krishna Pacifici

Rajan Parajuli

Jennifer Richmond-Bryant

Jack Wang

Teaching Associate Professor

Steph Jeffries

Assistant Professors

Jeffrey Doser

Ritwick Ghosh

Meredith Martin

Kelly Oten

Kurt Smith

Trevor Walker

Justin Whitehill

Assistant Research Professor

Maricar Aguilos

Daniel Barletta Sulis Sr.

Liz Kierepka, *Senior Scientist, Biodiversity & Earth Observation Lab,
Nature Research Center, NC Museum of Natural Sciences*

Simone Lim-Hing

Karun Pandit

Teaching Assistant Professors

Angela Allen

Megan Lupek

A Nicole Mihnovets

Tamara Pandolfo

Lecturers

Stephen Graham

Eli Typhina

Adjunct Faculty

Karen Abt, *Professor*

John Coulston, *Associate Professor*

William Cumbie, *Assistant Professor*

Douglas Duncan, *Lecturer*

Gregory Frey, *Assistant Professor*

Dario Grattapaglia

Cathryn Greenberg, *Professor*

Tara Keyser, *Associate Professor*

Frank Koch, *Associate Professor*

Kathleen McGinley, *Assistant Professor*

Bob Mickler, *Lecturer*

Kevin Potter, *Professor*

Jeffrey Prestemon, *Professor*

Robert Purnell, *Professor*

Kurt Ritters, *Professor*

Rafael Rubilar, *Associate Professor*

Toddi Steelman, *Professor*

Linda Taylor

James Vose, *Professor*

David Wear, *Professor*

Emeritus Faculty

Robert Abt, *Professor*

H. Lee Allen, *C.A. Schenck Distinguished Professor*

Richard Braham, *Professor*

Robert Brown, *Professor*

Vincent Chiang, *Jordan Family Distinguished Professor*

A. W Cooper, *Professor*

Phillip Doerr, *Professor*

William Dvorak, *Professor*

John Frampton, *Professor*

E. Franklin, *Professor*

Douglas Frederick, *Professor*

Barry Goldfarb, *Professor*

James Gregory, *Professor*

Awatif Hassan, *Professor*

Dennis Hazel, *Professor*

George Hess, *Professor*

L. Hinesley, *Professor*

Larry Jervis, *Associate Professor*

Jackson Jett, *Professor*

R.C. Kellison

Robert Kellison, *Professor*

Jan Laarman, *Professor*

Richard Lancia, *Professor*

Steve McKeand, *Professor*

Larry Nielsen, *Professor*

Ron Sederoff, *Professor*

Theodore Shear

Sarah Warren, *Professor*

Mary Watzin, *Professor*

natural-resources/forestry-environmental-resources/fisheries-wildlife-conservation-biology-bs-conservation-biology-concentration/)

- Fisheries, Wildlife, and Conservation Biology (BS): Fisheries Science Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/fisheries-wildlife-conservation-biology-bs-fisheries-science-concentration/>)
- Fisheries, Wildlife, and Conservation Biology (BS): Wildlife Science Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/fisheries-wildlife-conservation-biology-bs-wildlife-science-concentration/>)
- Forest Management (BS): Ecology Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-bs-ecology-concentration/>)
- Forest Management (BS): Production Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-bs-production-concentration/>)
- Forest Management (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-minor/>)
- Natural Resources (BS): Ecosystem Assessment Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/natural-resources-bs-ecosystem-assessment-concentration/>)
- Natural Resources (BS): Policy and Administration Concentration (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/natural-resources-bs-policy-administration-concentration/>)
- Renewable Energy Assessment (Certificate) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/renewable-energy-assessment-certificate/>)
- Renewable Energy Assessment (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/renewable-energy-assessment-minor/>)
- Wetland Assessment (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/wetland-assessment-minor/>)
- Wildlife Sciences (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/wildlife-sciences-minor/>)

Plans

- Environmental Sciences (BS) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-sciences-bs/>)
- Environmental Sciences (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-sciences-minor/>)
- Environmental Technology and Management (BS) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-technology-management-bs/>)
- Environmental Technology and Management (Minor) (<http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-technology-management-minor/>)
- Fisheries, Wildlife, and Conservation Biology (BS): Conservation Biology Concentration (<http://catalog.ncsu.edu/undergraduate/>)