The International Center for Energy, Environment and Sustainability (InCEES) at Washington University in St. Louis is an institutional hub for collaborative efforts and interdisciplinary initiatives. Founded in 2007, InCEES catalyzes university-wide and external collaborative research and educational activities in the areas of energy, environment and sustainability.

During the first decade of operations, InCEES developed a robust internal funding program, recruited faculty to the university through endowed professorships associated with the center, organized lectures and international workshops, helped develop new courses and provided experiential opportunities for students.

Today, InCEES continues to foster an ecosystem that encourages and supports diverse research and educational activities conducted by the faculty and students at Washington University with their local, national and international partners. The ultimate goal is to provide improved solutions to a range of interconnected energy and environmental challenges that are critical to the well-being of society and the planet.

MESSAGE FROM THE CHANCELLOR

InCEES combines education, research and practice to accelerate the pace of progress in the discovery and application of knowledge addressing the great energy, environmental and sustainability challenges, for the benefit of all people everywhere.

— Mark S. Wrighton, PhD, Chancellor of Washington University in St. Louis

ABOUT InCEES

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COURSES IN ENERGY, ENVIRONMENT AND SUSTAINABILITY

Educational offerings and programs are available across all schools of Washington University. Through formal degrees, certificates, educational programs and general coursework, students at the undergraduate and graduate level, in both full-time and part-time programs, have access to a variety of academic resources.

Degree Programs
- CONSTRUCTION MANAGEMENT
- ENERGY CONVERSION AND EFFICIENCY
- ENERGY, ENVIRONMENTAL AND CHEMICAL ENGINEERING
- ENTREPRENEURSHIP
- ENVIRONMENTAL EARTH SCIENCE
- ENVIRONMENTAL BIOLOGY
- ENVIRONMENTAL POLICY
- EVOLUTION, ECOLOGY AND POPULATION BIOLOGY
- GLOBAL HEALTH
- GLOBAL HEALTH & ENVIRONMENT
- LANDSCAPE ARCHITECTURE
- SUSTAINABILITY
- SUSTAINABLE URBANISM
- URBAN DESIGN

Educational Programs
- ENVIRONMENTAL PROGRAMS AT THE TYSON RESEARCH CENTER
- INTERDISCIPLINARY ENVIRONMENT CLINIC
- INTERNATIONAL EXPERIENCE IN ENERGY AND THE ENVIRONMENT
- PATHFINDER PROGRAM IN ENVIRONMENTAL SUSTAINABILITY

Certificate Programs
- SUSTAINABLE COMMUNITIES AND DEVELOPMENT
- ENVIRONMENT AND SCIENCE MANAGEMENT AND ORGANIZATIONS
- RENEWABLE ENERGY AND THE ENVIRONMENT
THE HUB OF InCEES

InCEES Signature Partners

The seven InCEES partners shown below are leaders on campus and in their individual fields. Each partner uses their own operating framework and mission to educate students, advance research initiatives, cultivate partnerships and engage the community in their particular scope of work.

- McDonnell Academy Global Energy & Environment Partnership (MAGEEP)
- Office of Sustainability
- Environmental Studies Program
- Tyson Research Center
- Consortium for Clean Coal Utilization (CCCU)
- Photosynthetic Antenna Research Center (PARC)
- Washington University Climate Change Program (WUCCP)

- People & Communities
- Food & Water
- Ecosystems & Biodiversity
- Solar & Bioenergy
- Energy Systems & Storage
- Cities & Urban Design
- Environmental Health

100+ PILOT RESEARCH PROJECTS

185+ INDIVIDUAL RESEARCHERS

45+ PARTNER ORGANIZATIONS

ROI = $100M+

IN EXTERNAL RESEARCH FUNDING FOR PROJECTS SUPPORTED BY InCEES OR DERIVED FROM InCEES PILOT FUNDING

&

STUDENT OPPORTUNITIES IN THE LAB AND FIELD, COMMUNITY OUTREACH AND EDUCATION, PUBLICATIONS AND PRACTICE GUIDELINES, PATENTS AND CURRICULAR INNOVATIONS

Data as of March 2017
Imagine a front row seat to the largest climate change conference in the world.

Each year, through support from InCEES, a delegation of Washington University students attend the global negotiations on climate – also known as the United Nations Framework Convention on Climate Change’s (UNFCCC) Conference of the Parties (COP). Students observe negotiation sessions and take part in small group discussion with think tank leaders and government officials from around the world. Since 2011, 42 Washington University students have been official delegates at COP in Durban, South Africa; Doha, Qatar; Warsaw, Poland; Lima, Peru; Paris, France; and Marrakesh, Morocco.

When Rachel Westrate was a sophomore, she had the opportunity to attend COP19 in Warsaw, Poland. Her experience there gave her specialized policy knowledge that was a huge asset when beginning her career path. In fact, her ability to speak about the contextual details of the UNFCCC helped her land a job at the World Resources Institute.

Rachel Westrate
B.A. ’16 in Environmental Policy, English Literature
COP19 – Warsaw, Poland – 2013
Current Role: Research Assistant, Executive Office at World Resources Institute

Being at COP taught me how to work independently, quickly and thoroughly. It allowed me to develop a niche interest and specialty in an ever-growing industry and policy arena. – Rachel Westrate
LEADERSHIP

The growth and success of InCEES will be navigated by a diverse group of prominent leaders based in St. Louis and across the globe.

Steering Committee
The Steering Committee of InCEES consists of distinguished faculty members and administrators representing key focal areas of the university. The Steering Committee provides guidance and direction in setting priorities, assessing results and identifying new opportunities.

Advisory Committee
The InCEES Advisory Committee is comprised of industry and community leaders. These individuals play a critical role in advising and evaluating Center activities and programs, providing an external viewpoint important for real-world application and impact.

For more information on the InCEES Leadership, visit incees.wustl.edu

CELEBRATING STUDENT ACHIEVEMENT

The Certificate in Renewable Energy and the Environment is a joint partnership provided by Photosynthetic Antenna Research Center (PARC) and InCEES.

Our biggest legacy will be this cadre of scientists that will have trained at PARC and who will help meet the global need for abundant, clean and economical energy. We won’t solve all the pressing problems in four more years, but we will make progress.

— Robert E. Blankenship, PhD, Lucille P. Markey Distinguished Professor of Arts and Sciences, Director and P.I., PARC
A fundamental goal of InCEES is the recruitment, support and engagement of endowed professors working in the fields of energy, the environment and sustainability. These professors are recruited across the university for a variety of appointment types, enabling the university to recruit, support and attract a range of professionals. It is expected that their interdisciplinary focus will model the collaborative nature of InCEES.

Himadri Pakrasi, PhD
Myron and Sonya Glassberg/Albert and Blanche Greensfelder Distinguished University Professor
Director, InCEES

David Fike, PhD
InCEES Associate Professor in Earth and Planetary Sciences, Arts & Sciences
Director of the Environmental Studies Program in Arts & Sciences

John Fortner, PhD
InCEES Career Development Associate Professor, Department of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science

Vijay Ramani, PhD
Roma B. & Raymond H. Witcoff Distinguished Professor of Environment and Energy, Department of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science

Brent Williams, PhD
Raymond R. Tucker InCEES Career Development Associate Professor, Department of Energy, Environmental & Chemical Engineering, School of Engineering & Applied Science
Director, WUCCP

Hongxi Yin, PhD
InCEES Associate Professor in Advanced Building Systems and Architectural Design, Sam Fox School of Design & Visual Arts
InCEES has significant global impact through a strong network of partners, field research sites and participation in multinational climate change meetings.
Request to be added to our e-newsletter list.
Please send a note with your email address to incees@wustl.edu.