

Fueling Sustainable Energy



LSU's College of the Coast & Environment (CC&E) supports the energy sector through cutting-edge research, workforce development, and industry collaboration. Faculty and students conduct studies on carbon management, environmental impacts, and coastal resilience, contributing solutions and knowledge vital to both traditional and renewable energy industries.

CC&E prepares graduates for energy-related careers by offering multidisciplinary degree programs and aligning education with industry needs. The college collaborates on statewide initiatives to build Louisiana's energy workforce and fosters partnerships with local leaders to advance sustainable energy and environmental practices.

CC&E's Recent Research

Supporting Carbon Management & Engineering

Supports carbon managements and technologies like caron capture and storage, essential for energy sustainability.

Studying Environmental Impact

Conducts research on the environmental impact of energy production, including carbon sequestration and the effects of methane and other greenhouse gases.

Understanding Community Perceptions

Conducts research on why communities support or oppose new energy technologies.

Working at the Intersection of Energy Systems, Economics & Environmental Policy

Addresses critical topics such as energy transitions, climate policy, carbon dioxide removal and socioecology.

Analyzing the Feasibility of Carbon Capture and Storage Tax Credits

Studies the cost and land use challenges of renewable energy and the valuation of ecosystem services in bioenergy cost analysis.

Teaching "Energy and the Environment"

Prepares students campus-wide to understand and address the economic and environmental challenges of the energy sector.

Partnering for Clean Air

Working with industry, government and community partners to ensure Baton Rouge's air quality continues to improve.