



## iCAP Progress 2015-19

# ENERGY

- Construction of Solar Farm 1.0 (above) — and planning for Solar Farm 2.0 — to increase renewable energy generation on campus
- Beginning the journey toward a net-zero energy design for the Electrical and Computer Engineering building
- Increasing student participation via Eco-Olympics and Illini Lights Out (right)
- Use of geothermal energy at Allerton Park, the Illinois Energy Farm and a few administration buildings



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# LAND & WATER

- Establishment of an online Tree Campus Inventory (<https://illinois.edu.treekeepersoftware.com/>)
- Red Oak Rain Garden is the oldest rain garden on campus; it uses water as a resource instead of allowing it to rush into storm sewers and flood downstream (above)
- Planting native species has become more of a priority on campus (i.e., Arboretum and Small Prairie at Natural Resources Building)
- Plumbing fixtures have been updated to low flow fixtures: roughly 2,500 new faucet aerators and 120 new water-saving urinals
- The Ikenberry Commons Stormwater Plan was a successful drainage study to identify infrastructure needs for the area



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# ZERO WASTE

- Working on including a sustainability component in annual ethics training for faculty and staff
- F&S soon hiring full-time Zero Waste Coordinator

- Housing's dining halls are continuing to reduce food waste and may soon divert a greater portion of waste to more sustainable routes — and generate energy from the waste



- New recycling bins with improved signage are being placed around campus, both inside and outside
- Recycled-content paper is available for purchase at a cost comparable to (and even than!) than new paper made directly from trees



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# TRANSPORTATION

- Campus just received Silver status as a Bike Friendly University
- Full-time employees work on sustainable transportation
- Electric vehicle charging stations, Level 2, have been installed around campus
- A shuttle between U of I campuses reduces business travel emissions as a precursor to a more developed commuter system
- Fleet emissions down by 15% after reducing number of trips, idling time, and increased mpg



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# EDUCATION

- Sustainability, Energy, and Environment (SEE) Minor has over 100 students
- Certificate in Environmental Writing debuted in Fall 2017; Volume 1 of *Q Magazine* was printed in summer 2019



- Online database has sustainability courses offered on campus (updates coming soon), with specific criteria for what's in the courses
- Planned by Fall 2020: Freshman orientation on campus sustainability; checkbox for "sustainable practices" on every employer participant application in Career Day (will display green badge at booth)
- Undergraduate Research Fellowships through the Gies College of Business will have a sustainability choice

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# RESILIENCE

- Commitment signed in February 2016; initial assessment completed in 2018
- Joint proclamation signed by Chancellor and Mayors of Urbana and Champaign in October 2018.

- Will urge increased pollinator supportive habitats in the greater C-U area
- Will help identify 24-hour cooling centers



- Will push for area-wide stormwater management plan, incorporating green rainwater infrastructure
- Will support thematic landscaping throughout C-U area that is respectful of Native American heritage

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