

STATE UNIVERSITY OF NEW YORK
COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

2016 CAMPUS STATEMENT

Established in 1911 by an act of the New York State Legislature as the State's "institution for educational work in forestry," the SUNY College of Environmental Science and Forestry (ESF) became a founding member of the State University of New York system in 1948 and was re-chartered in 1972, to reflect the increased breadth of its programs. With a reputation as one of the nation's premier doctoral-granting educational institutions with a specialized emphasis on the science, design, engineering, policy and management of the natural and built environments, the College enrolls approximately 1,700 undergraduate and 600 graduate students who participate in the broadest array of environmental and renewable natural resources programs in the United States. The US News & World Report's 2014 edition of Best Colleges ranked ESF 36th among the nation's top public universities.

The College maintains academic campuses in Syracuse and Wanakena (Adirondacks), and has regional campuses and field stations on 25,000 acres around the State that focus on instruction, research, demonstration, and public service activities providing students and faculty with the capability to conduct hands-on field research, instruction and outreach. These include the Cranberry Lake Biological Station, Thousand Islands Biological Station, Adirondack Ecological Center at the Newcomb campus, Charles Lathrop Pack Demonstration Forest, Heiberg Memorial Forest, Tully Field Station and the Lafayette Road Experiment Station.

The 17.8 acre Syracuse campus located in the southwest portion of the City of Syracuse is contiguous to Syracuse University and located near SUNY Upstate Medical University. Its faculty and staff regularly partner with both of these institutions on academic and research initiatives. The Syracuse campus is comprised of nine major buildings around a quadrangle, including a state-of-the-art chemistry building and a library with a specialized collection serving a statewide audience. Specialized facilities on campus include papermaking machines, extensive greenhouses, a microscopy center, geodetic facilities, an advanced analytical chemistry, two "green" roofs, photovoltaic panels on three of its buildings, and a unique biomass fueled combined heat and power system that will provide 60 percent of the campus' thermal energy and 20 percent of its electrical energy.

The Facilities Master Plan (FMP) initiative, completed in January 2012, outlines campus improvements necessary to realize the College's goals and academic mission. Strategic initiative priorities include a new Academic Research Building (ARB), for which construction is slated to begin in early 2017. The ARB will be located east of Illick Hall and provide space for portions of the Environmental and Forest Biology Department, as well as to support existing needs and future growth of the campus and its programs.

An upgrade to the campus' electrical infrastructure was completed in the summer of 2015. The design of an Academic Research Building is underway, with construction slated to begin in spring 2017. This 54,000 GSF building will include research laboratories, lab support spaces, faculty and student offices and collaboration spaces for campus-wide use. The project will also include redevelopment of the campus' central quadrangle, its main public, open, green space, to create an instructional resource by transforming the landscape into a demonstration of storm water and landscape management. An enabling project will provide site modifications to prepare a 1.2 acre parcel, at the western edge of the main campus, for temporary parking and construction staging.

On the main campus in Syracuse, the College has recently begun a series of projects aimed at utilizing limited Critical Maintenance funds to provide updated teaching and research facilities, and maintain buildings in good repair. Rehabilitation of a number of classrooms and laboratory spaces across campus are in planning. Rehabilitation of the Soils Laboratory within Illick Hall has been designed and will be constructed in spring 2017. Other critical maintenance projects currently in construction for the main campus include roof repairs/replacements at Bray Hall, Moon Library and Marshall Hall, with construction starts in 2016. A project to rehabilitate the decaying parking deck at the Maintenance & Operations building started construction in spring 2016 with completion expected by fall 2016.

The SUNY2020 "Labs-to-Jobs" grant will augment an earlier strategic initiative at SUNY ESF's Newcomb Campus to rehabilitate the historic Stone Carriage House and alter its use to become the Roosevelt Wild Life Biomimicry Center. An enabling project to construct a new maintenance building has been designed in 2016 and will be bid for construction to begin in spring 2017. A critical maintenance project to address regulatory storm water compliance, roof repairs, access control, and deferred maintenance for the Ranger School and Biological Station at Cranberry Lake, is under design in 2016. Construction of this project is anticipated to begin in spring 2017.

**State University of New York
Colleges of Environment Science and Forestry**

Facility Profile

| Facility Profile | Instructional & Support | Residential | Total |
|-----------------------------------------------------|----------------------------|-------------|-----------|
| Total State Owned Acreage | | | 3,976.42 |
| Total State Owned Buildings | 190 | 0 | 190 |
| Total State Owned Gross Square Feet (GSF) | 1,120,072 | 0 | 1,120,072 |
| Total State Owned Net Assignable Square Feet (NASF) | 714,113 | 0 | 714,113 |

| Age of Facilities | < 10 Years | 10 – 40 Years | >40 Years |
|-------------------------|------------|---------------|-----------|
| Gross Square Feet | 76,752 | 132,306 | 911,014 |
| Percentage of Total GSF | 6.9% | 11.8% | 81.3% |

| Net Assignable Space Distribution by Major Functional Area | | | | | | |
|------------------------------------------------------------|----------|--------------------|----------------|------------------|-------------|-------|
| Instructional | Research | Student Activities | Administration | Central Services | Residential | Total |
| 41% | 25% | 4% | 5% | 25% | 0% | 100% |

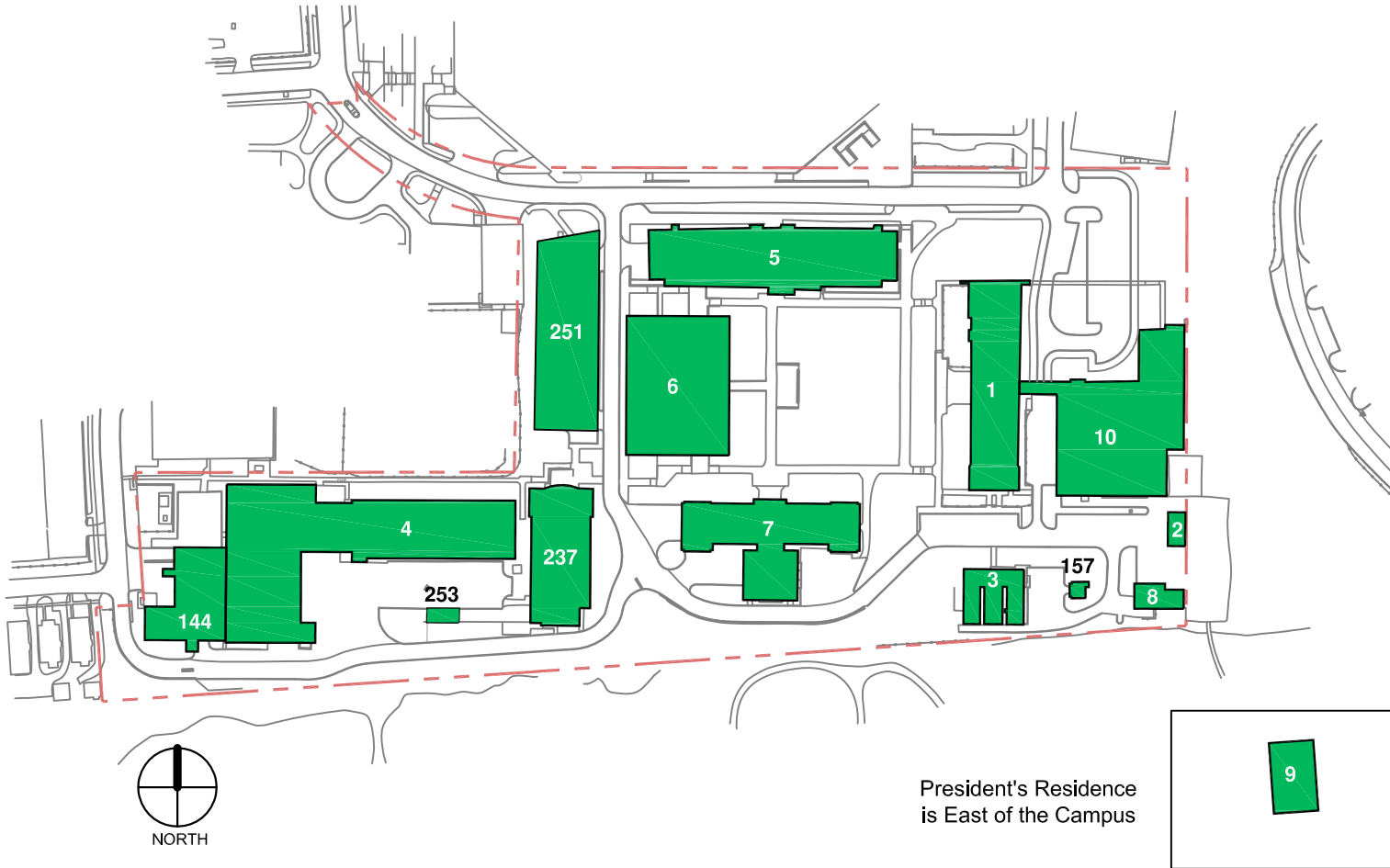
Main Campus Owned Facilities

BUILDING INDEX

1. BRAY HALL
2. GARAGE
3. GREENHOUSE
4. BAKER LABORATORY
5. ILLICK HALL
6. MOON MEMORIAL LIBRARY
7. MARSHALL HALL
8. MAINTENANCE
9. PRESIDENT'S RES. (OFF CAMPUS)
10. WALTERS HALL
144. NEW MAINTENANCE
157. CHEMICAL STORAGE
237. E. C. JAHN LAB
248. GARAGE (not shown)
249. CLASSROOM (not shown)
250. MAIN BUILDING (not shown)
251. GATEWAY BUILDING
253. ELECTRIC SWITCHGEAR BLDG

NOT SHOWN ON MAP:

- PACK DEMONSTRATION FOREST
- CRANBERRY LAKE BIOLOGICAL STATION
- BIOLOGICAL STATION DOCK FACILITY
- HEIBERG MEMORIAL FOREST
- HUNTINGTON FOREST
- SYRACUSE FOREST EXPERIMENT STATION
- TULLY NURSERY
- RANGER SCHOOL AT WANAKENA
- SHOTBAG ISLAND LAB
- MAINTENANCE GARAGE
- CEAN RESEARCHER BLDG



■ ACADEMIC BUILDINGS



Exterior Rehab Illick Hall
(\$11.6 Million)



New Academic Research Building
(\$43.8 Million)



Replace Electrical Substation / Restore Site
(\$5.5 Million)

College of Environmental Science and Forestry

State University of New York 2016/2017 Capital Program Plan (In Thousands)
Major Ongoing Non-Hospital Projects (Over \$1M Construction Cost)

State University of New York College of Environmental Science and Forestry

PROJECTS UNDER DESIGN

| | | | | | Anticipated Start of Construction | | | | |
|------------------------------------------------------------------------------------|------------------------------|---------------------------|---------------------------|----------------------------|-----------------------------------|-------|-------|-------|-------|
| Capital Plan Projects | Total Estimated Project Cost | YTD Expend. thru 07-31-16 | LTD Expend. thru 07-31-16 | Encumbered Amount 07-31-16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
| Wanakena Ranger School & Cranberry Lake BS. CM, Energy Conservation & ADA Projects | \$3,133 | \$172 | \$172 | \$325 | X | | | | |
| New Academic Research Building | \$43,775 | \$935 | \$4,770 | \$2,578 | X | | | | |
| Huntington Forest New Maintenance Building/Adirondack Ecological Center | \$3,900 | \$126 | \$126 | \$64 | X | | | | |
| Create Education and Research Center in Gateway Building | \$2,000 | \$60 | \$60 | \$0 | X | | | | |
| Design Totals: | \$52,808 | \$1,292 | \$5,127 | \$2,967 | | | | | |

PROJECTS UNDER CONSTRUCTION

| | | | | | Anticipated Completion Date | | | | |
|----------------------------------------------------|------------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|-------|-------|-------|-------|
| Capital Plan Projects | Total Estimated Project Cost | YTD Expend. thru 07-31-16 | LTD Expend. thru 07-31-16 | Encumbered Amount 07-31-16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
| Marshall Hall - Repair Gutter, Roofing and Masonry | \$1,191 | \$60 | \$62 | \$62 | | X | | | |
| Provide Classrooms and Labs/ARB (2020) | \$3,562 | \$0 | \$508 | \$0 | | X | | | |
| Rehab Skylights, Roof - Bray Hall and Moon Library | \$1,649 | \$90 | \$92 | \$1,277 | | X | | | |
| Construction Totals: | \$6,403 | \$151 | \$661 | \$1,339 | | | | | |

State University of New York 2016/2017 Capital Program Plan (In Thousands)
 Future Planned Projects - Over \$1M Construction (Non-Hospital)

State University of New York College of Environmental Science and Forestry

| Capital Plan Projects | Total Estimated Project Cost | Funds Available | Funds Needed to Complete | SFY 2016/2017 Phase \$ | SFY 2017/2018 Phase \$ | SFY 2018/2019 Phase \$ | SFY 2019/2020 Phase \$ | SFY 2020/2021 Phase \$ |
|---------------------------------------------------|------------------------------|-----------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Renovate Marshall Hall | \$38,000 | \$0 | \$38,000 | | D \$2,500 | D \$2,500 | | |
| Renovate Illick Hall | \$54,575 | \$0 | \$54,575 | | D \$4,100 | D \$6,000 | C \$11,000 | C \$11,000 |
| Campus wide Classroom Lect Hall & Conf Room Rehab | \$3,000 | \$0 | \$3,000 | | C \$3,000 | | | C \$40,000 |
| Energy Audits & Conservation Measures | \$1,500 | \$0 | \$1,500 | | C \$1,500 | | | |
| Capital Plan Project Totals: | \$97,075 | \$0 | \$97,075 | \$0 | \$11,100 | \$8,500 | \$11,000 | \$51,000 |

Project Phases: A = Acquisition, D = Design, C = Construction, E = Equipment

State University of New York Summary of Changes Capital Program Plan (In Thousands)
 Non-Hospital Project Cross-Reference: Current Year Status vs. Last Year

State University of New York College of Environmental Science and Forestry

Capital Plan Project

| | 2015 Estimated Project Cost | 2016 Estimated Project Cost | Incr./Decr. In Estimate Cost |
|------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| Projects Under Design | | | |
| Wanakena Ranger School & Cranberry Lake BS. CM, Energy Conservation & ADA Projects | \$2,604 | \$3,133 | \$529 |
| New Academic Research Building | \$40,900 | \$43,775 | \$2,875 |
| Phase Total: | \$43,504 | \$46,908 | \$3,404 |
| Projects Under Construction | | | |
| Marshall Hall - Repair Gutter, Roofing and Masonry | \$805 | \$1,191 | \$386 |
| Rehab Skylights, Roof - Bray Hall and Moon Library | \$830 | \$1,649 | \$819 |
| Phase Total: | \$1,635 | \$2,840 | \$1,205 |
| Completed Projects | | | |
| Gateway Building | \$28,798 | \$29,357 | \$559 |
| Replace Electrical Substation/Restore Site | \$5,550 | \$5,576 | \$26 |
| Phase Total: | \$34,348 | \$34,933 | \$585 |