

STATE UNIVERSITY OF NEW YORK
COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

2018 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, and 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 the renovation of Marshall Hall, which will provide modern spaces for the Landscape Architecture Department, Environmental Studies and part of Natural Resources Management as well as shared classrooms.

Marshall Hall was built in 1933, with the last major renovation circa 1968. The building is a four story steel frame and masonry structure with masonry walls and has a gross square footage of 90,061 Square Feet and a Net Assignable Square footage of 55,526. Most of its original systems are intact, in poor to fair condition. A Program Study for the complete renovation of Marshall Hall was completed in June of 2013. This study will be the starting point for program verification and will inform the design. The renovated design will respect the existing architecture but include a deep energy retrofit maximizing energy conservation beyond code standards. Cohesive and comprehensive site improvements are essential under the project to reflect and showcase the Landscape Architecture program as Marshall's signature program. Sensitive, high-value improvements to ADA site access will greatly improve accessibility for the entire campus community.

The Roosevelt Wild Life Collection is currently in construction in the lower level of the Gateway building in a previously unfinished 5,000 Square Foot space and will be completed this summer. This facility will be a consolidation of SUNY ESF natural history collections and associated biodiversity informatics into a single, publicly observable Roosevelt Wild life collection. The space will include a classroom and compact storage system to house the collection of specimens.

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. Other critical maintenance projects currently in construction for the main campus include the Rehabilitation of the Illick Hall Lecture Hall 5 and Phase II of the Illick air handlers both projects will be completed this summer. A comprehensive energy audit is under way and will be completed in the summer of 2017, and will be followed by a campus wide Energy Master plan. A comprehensive building wide program study will begin this year. This study will provide the roadmap and framework for future interior renovations.

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 currently in construction and scheduled to be completed in fall of 2018.

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

Facility Profile as of Fall 2017

Facility Profile	Academic	Residential	Total
Total State Owned Acreage			3,976.42
Total State Owned Buildings	190	0	190
Total State Owned Gross Square Feet (GSF)	1,126,456	0	1,126,456
Total State Owned Net Assignable Square Feet (NASF)	726,841	0	726,841

Age of Facilities	< 10 Years	10 – 40 Years	>40 Years
Gross Square Feet	83,228	466,156	577,072
Percentage of Total GSF	7.4%	41.4%	51.2%

Net Assignable Space Distribution by Building Major Use						
Instructional	Research	Student Activities	Administration	Central Services	Residential	Total
48%	20%	2%	8%	21%	2%	100%


Main Campus - Owned Facilities

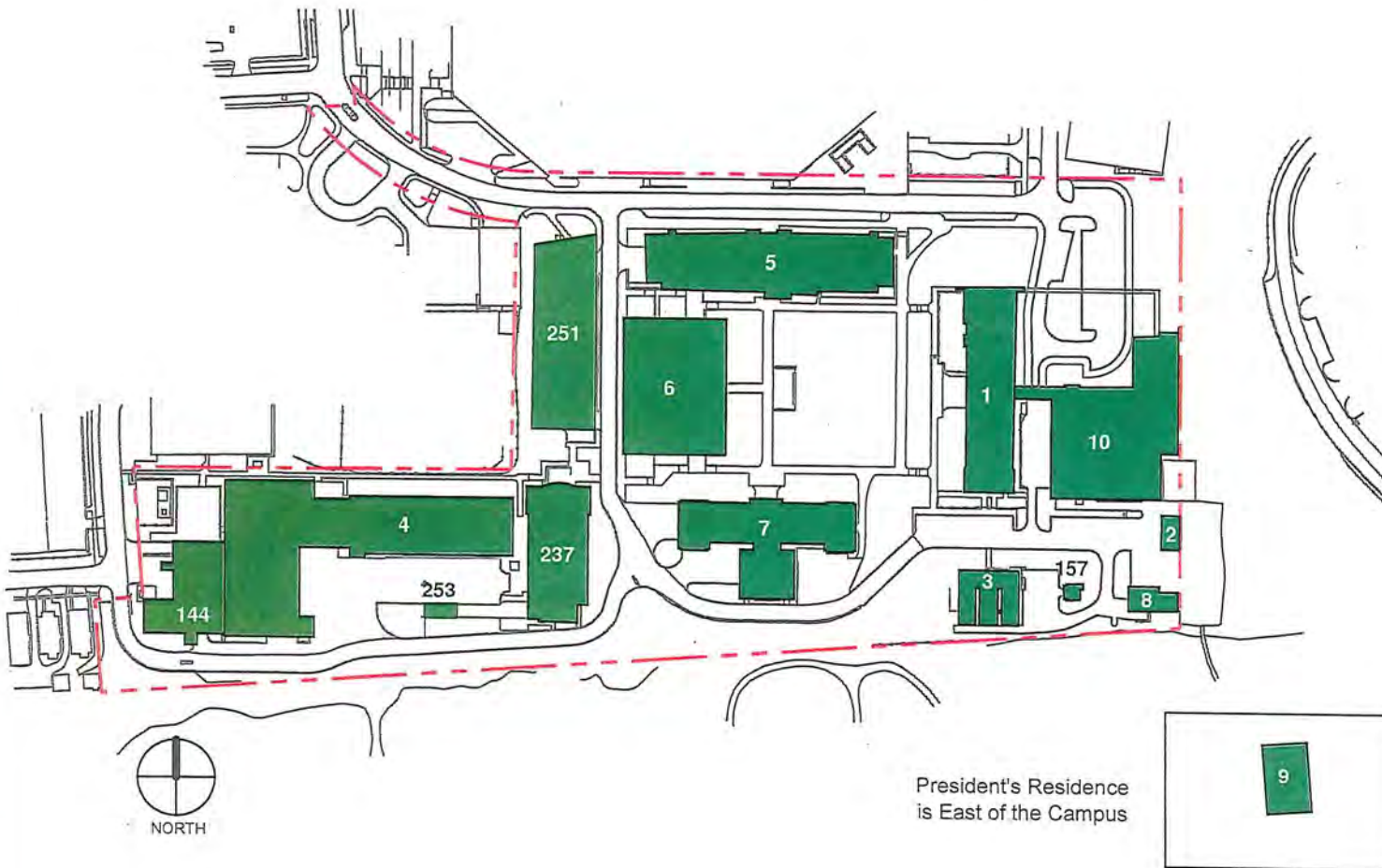
BUILDING INDEX

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
- CLASSROOM 1
- INSTRUMENT LAB/OFFICE

 ACADEMIC BUILDINGS





Various Improvements - Wanakena Ranger School
(\$3.1 Million)



Marshall Hall – Repair Gutter, Roofing and Masonry
(\$1.2 Million)

College of Environmental Science and Forestry

State University of New York 2018/2019 Capital Program Plan (In Thousands)
Major Ongoing Academic Facilities 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 07-31-18	LTD Expend. thru 07-31-18	Encumbered Amount 07-31-18	18/19	19/20	20/21	21/22	22/23
Huntington Forest New Maintenance Building/Adirondack Ecological Center	\$4,300	\$10	\$181	\$0			X		
Design Totals:	\$4,300	\$10	\$181	\$0					

PROJECTS UNDER CONSTRUCTION

Anticipated Completion Date

Capital Plan Projects	Total Estimated Project Cost	YTD Expend. thru 07-31-18	LTD Expend. thru 07-31-18	Encumbered Amount 07-31-18	18/19	19/20	20/21	21/22	22/23
Wanakena Ranger School - Various Building and Site Improvements	\$3,132	\$1,480	\$1,875	\$1,023	X				
Rehab Illick Hall Lecture Room 5	\$1,575	\$94	\$94	\$1,322	X				
Fire Alarm Improvements for CO Monitoring- Syracuse and Regional Campuses	\$1,150	\$57	\$61	\$23		X			
Create Education and Research Center in Gateway Building	\$2,000	\$1,145	\$1,207	\$520	X				
Construction Totals:	\$7,857	\$2,776	\$3,237	\$2,888					

State University of New York 2018/2019 Capital Program Plan (In Thousands)
 Future Planned Projects - Over \$1M Construction (Academic Facilities)

State University of New York College of Environmental Science and Forestry

Capital Plan Projects	Total Estimated Project Cost	SFY 2018/2019	SFY 2019/2020	SFY 2020/2021	SFY 2021/2022	SFY 2022/2023
Renovate Marshall Hall	\$42,305	D \$3,838	C \$35,562		E \$2,905	
Energy Conservation Measures 2020-21 - Phase 2	\$1,000				D \$250	C \$750
Upgrade ADA Access at Quad	\$1,600			D \$250		
Reconstruct Bray - Walters Bridge Connector	\$1,000			C \$1,350		
Rehab Classrooms, Lecture Hall & Surge Space - Illick Hall	\$3,880		D \$700	D \$250		
Selected Renovations - Illick Hall per Program Study	\$2,900			C \$750		
Renovate Illick Hall	\$63,900			C \$2,900	E \$280	
Create Surge Space for Marshall Hall Renovations	\$1,750		D \$700		D \$400	C \$2,250
			C \$1,250			E \$250
			E \$250			D \$9,300
Capital Plan Project Totals:	\$118,335	\$3,838	\$38,462	\$5,500	\$3,835	\$12,550

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

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

State University of New York College of Environmental Science and Forestry

Capital Plan Project

Projects Under Design	2017 Estimated Project Cost	2018 Estimated Project Cost	Incr.Decr. In Estimate Cost
Projects Under Construction			
Replace/Rehab Air Handling Units, Illick Hall	\$860	\$1,083	\$223
Rehab Illick Hall Lecture Room 5	\$873	\$1,575	\$702
Fire Alarm Improvements for Carbon Monoxide Monitoring- Syracuse and Regional Campuses	\$895	\$1,150	\$255
Repair Rooftop Greenhouses - Illick Hall	\$850	\$460	(\$390)
Phase Total:	\$3,478	\$4,268	\$790