Sustainable ESF
What is the Sustainability Champions Program?

How Sustainable is ESF?
   - How do we compare to other Colleges/Universities?
   - What are we doing well?
   - What can we improve?

What is Planned for the Future?

What is Your Role?
What is the Sustainability Champions Program?

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What is the Sustainability Champions Program?

- Peer-to-Peer education network
- Designed to amplify sustainability programs and messaging
- Learning sessions
- Advocacy training
- Idea sharing
- Discussion based
- Concise, teachable takeaway messages
- Report back (written or verbal)
- Recognition
- Recruit new Champions
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What is Your Role?
Nearly 1,000 participating institutions over 40+ countries
Why Participate?

Provides framework for understanding sustainability on campus

Enables meaningful comparisons to peers

Creates incentives for continuous improvement (rankings)

Facilitates information sharing on and between campuses

Supports and builds campus sustainability community
Categories

Academics
Engagement
Operations
Planning & Administration
Innovation & Leadership
Sub Categories

Academics
- Curriculum
- Research

Engagement
- Campus engagement
- Public engagement

Operations
- Air & climate
- Buildings
- Energy
- Food & dining
- Grounds
- Purchasing
- Transportation
- Waste
- Water

Planning & Administration
- Coordination & planning
- Diversity & affordability
- Investment & finance
- Wellbeing & work

Innovation & Leadership
- Exemplary practice
- Innovation
69
Credits

202
Points
Rating System
Rating System

Minimum Score (Percentage of Credits Earned)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Points Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>85%</td>
<td>170</td>
</tr>
<tr>
<td>65%</td>
<td>130</td>
</tr>
<tr>
<td>45%</td>
<td>190</td>
</tr>
<tr>
<td>25%</td>
<td>50</td>
</tr>
<tr>
<td>N/A</td>
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</tbody>
</table>
Current Ratings

- **Platinum**: 5
- **Gold**: 128
- **Silver**: 140
- **Bronze**: 54
- **Reporter**: 11

The figures above include all institutions with a valid STARS report. Institutions awarded Reporter designation elected not to publish scoring information or pursue a rating. Visit [Participant Reports](#) to access all public reports.
Rating System

ESF
State University of New York College of Environmental Science and Forestry

81.6%

Current Ratings

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# Current ESF Score

<table>
<thead>
<tr>
<th>Category</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academics</strong> (56/58)</td>
<td></td>
</tr>
<tr>
<td>Curriculum (38/40)</td>
<td></td>
</tr>
<tr>
<td>Research (18/18)</td>
<td></td>
</tr>
<tr>
<td><strong>Engagement</strong> (34.94/41)</td>
<td></td>
</tr>
<tr>
<td>Campus engagement (15.71/21)</td>
<td></td>
</tr>
<tr>
<td>Public engagement (19.23/20)</td>
<td></td>
</tr>
<tr>
<td><strong>Operations</strong> (44.16/71)</td>
<td></td>
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<td>Air &amp; climate (8.81/11)</td>
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</tr>
<tr>
<td>Buildings (2.30/8)</td>
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</tr>
<tr>
<td>Energy (5.08/10)</td>
<td></td>
</tr>
<tr>
<td>Food &amp; dining (3.11/8)</td>
<td></td>
</tr>
<tr>
<td>Grounds (3/4)</td>
<td></td>
</tr>
<tr>
<td>Purchasing (5.65/6)</td>
<td></td>
</tr>
<tr>
<td>Transportation (4.27/7)</td>
<td></td>
</tr>
<tr>
<td>Waste (5.86/10)</td>
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<tr>
<td>Water (6.08/7)</td>
<td></td>
</tr>
<tr>
<td><strong>Planning &amp; Administration</strong> (21.8/32)</td>
<td></td>
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<td><strong>Innovation &amp; Leadership</strong></td>
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<tr>
<td>Exemplary practice</td>
<td></td>
</tr>
<tr>
<td>Innovation (4/4)</td>
<td></td>
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</table>

**Total**

160.9/202
Current ESF Score

160.9/202
(79.6%)
Current ESF Score

160.9/202
(79.6%)

AASHE score: 81.67%
What Are We Doing Well?

**Academics (56/58)**
- Curriculum (38/40)
- Research (18/18)

**Engagement (34.94/41)**
- Campus engagement (15.71/21)
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- Air & climate (8.81/11)
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- Waste (5.86/10)
- Water (6.08/7)

**Planning & Administration (21.8/32)**
- Coordination & planning (5.50/8)
- Diversity & affordability (8.60/10)
- Investment & finance (4.06/7)
- Wellbeing & work (3.64/7)

**Innovation & Leadership**
- Exemplary practice
  - Innovation (4/4)
Where Do We Have Room to Improve?

Academics (56/58)
  Curriculum (38/40)
  Research (18/18)

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  Campus engagement (15.71/21)
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Innovation & Leadership
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What is the Sustainability Champions Program?

How Sustainable is ESF?
  How do we compare to other Colleges/Universities?
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What is Planned for the Future?

What is Your Role?
6.8 points needed to achieve STARS Platinum
Sustainability Champions

Student sessions

Faculty/staff sessions

Potential to pick up 5.29 points (78% of the points we need for Platinum)

Amplify sustainability messaging and help sustain behavior change

Help to build relationships
LEED Certifications

- Students helping to submit for Baker Lab LEED O+M certification
- Water Efficiency
- Energy Performance
- Purchasing Policy
- Facilities Maintenance and Renovation Policy
- Waste Performance
- Indoor Environmental Quality

Other LEED O+M certifications planned for the future

Marshall Hall renovation is targeting LEED Gold certification
Sustainable Investment

ESF’s College Foundation invests 1% of its portfolio in a socially responsible mutual fund

ESF has committed to avoiding direct investments in fossil fuel companies, now and in the future

All ESF investments are index funds (comprised of many entities)

ESF will continue to review index fund options that are screened for social equity

College Foundation website language speaks to belief in College’s mission and states that it strives to, “manage the Foundation's financial investments and other assets in a manner that is both fiscally produce and consistent with the principles and policies of the College Community”.
Energy Projects

- Large Scale Renewable Energy purchasing
- LED lighting retrofits – over 7,000 lights replaced ($80,000/year in savings and offset 1,242,006 lbs of CO₂/year)
- Improvements to campus biomass boiler ($35,000/year saving)
- Steam trap replacement ($60,800/year saving, offset 772,590 lbs of CO₂/year)
- Moon Library Controls Correction ($20,545/year saving, offset 134,640 lbs of CO₂/year)
Waste Minimization & Diversion

Working to better track construction and demolition debris

 Completely overhauled bins and launched campus-wide composting at beginning of Fall 2019 semester

Switched to a new hauler and now receive much better data

STARS 2019 data: 180 lbs of trash/person on campus

2019-2020 projection: 107 lbs of trash/person on campus
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What is Planned for the Future?

What is Your Role?
Spread the word!!
Key Takeaways

The STARS framework exists!

ESF is close to achieving the highest tier. (An accomplishment that only 5 other institutions in the Country have attained)

Sustainability Champions program has potential to earn 5.29 of 6.8 points needed to achieve Platinum

The College has a number of other planned initiatives:
- LEED certification
- Divestment
- Materials Minimization

One of the largest impacts that you can have on campus sustainability (and our STARS ranking) is to pay attention to what you bring to and use on campus! Come to the next Learning Session to dig into ESF’s Path to Zero Waste and learn how to effectively reduce what you use in your own life and how to properly compost on campus.

Send people to Sustainability Office website page for PPT slides and learning session schedules
Reporting Back

Sustainability Champions Feedback Form

Name: ___________________________ Email: ___________________________

Are you a Student, Faculty, or Staff Champion? ______________

What Sustainability Champion learning session did you last attend?

How many members of the campus community did you talk to after this event, for the purpose of spreading the word about what you learned?

Tell us about those people! Are they Students, Faculty or Staff? Combo of different groups?

Do you have interesting pieces of conversation to share? What most excited/energized the people that you spoke to? Did they have any questions? Are they interested in coming to a Champions session in the future?

What is the most interesting thing(s) that YOU learned from the session that you attended? Do you have ideas for future sessions?
Do we like the “Sustainability Champions” name?
Beyond Waste Student Summits 2020

NE Region Summit at
The SUNY College of Environmental Science and Forestry
Syracuse, NY
February 22, 2020

Join us for a day of collaborative, simulated campaigns designed to equip students with the tools they need to become the next generation of leaders in the zero waste movement!

postlandfill.org/beyond-waste-about
Become a Sustainability Champion
Learn more about campus sustainability & help spread the word

Four Sessions Throughout the Semester
Attend as many as you like!
Two separate sessions each month, one for students (undergraduate and graduate) and one for Faculty/Staff.

<table>
<thead>
<tr>
<th>Sustainable ESF</th>
<th>Zero Waste by 2025!</th>
<th>Essay Use on Campus</th>
<th>Champion's Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>How does ESF compare to other campuses? What are we doing well and where do we have room to improve?</td>
<td>Have the compost and recycling programs been impactful? Learn what’s next for zero waste and how you can help!</td>
<td>How have recent projects reduced greenhouse gas emissions? What is planned for the future?</td>
<td>TBD</td>
</tr>
<tr>
<td>Date: January 30 Location: 110 Moon Students: 11:00am FACulty/Staff: Noon</td>
<td>Date: February 26 Location: 110 Moon Students: 11:00am Faculty/Staff: Noon</td>
<td>Date: TBD Location: TBD Students: TBD Faculty/Staff: TBD</td>
<td></td>
</tr>
</tbody>
</table>

Feel free to bring your lunch! Snacks will be provided.

Contact esfinfo@esf.edu for more info.