DEPARTMENT OF SUSTAINABILITY AND ENERGY MANAGEMENT



Joseph Stagner

Executive Director, SEM jstagner@stanford.edu (650)721-1888 Joe leads the Sustainability and Energy Management Department, which includes 90 staff members in Utilities, Parking & Transportation, Business Services, and the Office of Sustainability. He co-chairs the Sustainability Working Group and leads the university's long-range sustainability infrastructure planning and implementation.



Elsa Baez

Staff Assistant, SEM elsab@stanford.edu (650) 721-6530 Elsa supports the Executive Director, the Office of Sustainability, and Facilities Energy Management. She also assists with event coordination and organization.

OFFICE OF SUSTAINABILITY



Fahmida Ahmed

Associate Director, Office of Sustainability, SEM fahmida@stanford.edu (650) 721-1518 Fahmida leads the Office of Sustainability and the campus program Sustainable Stanford. She co-chairs the Sustainability Working Group, connects the Sustainability Working Teams, coordinates implementation of sustainability projects, supports Stanford's longterm resource infrastructure planning, and manages the office's communications and evaluation programs.



Jiffy Vermylen

Sustainability Coordinator, Office of Sustainability, SEM jiffy.vermylen@stanford.edu (650) 721-2718 Jiffy supports further development and implementation of the campus-wide Sustainable Stanford initiative. Her portfolio includes roll-outs of the department/building-level conservation programs, related communications and training for the campus community, and overall program evaluation standards and criteria, especially for the built environment.

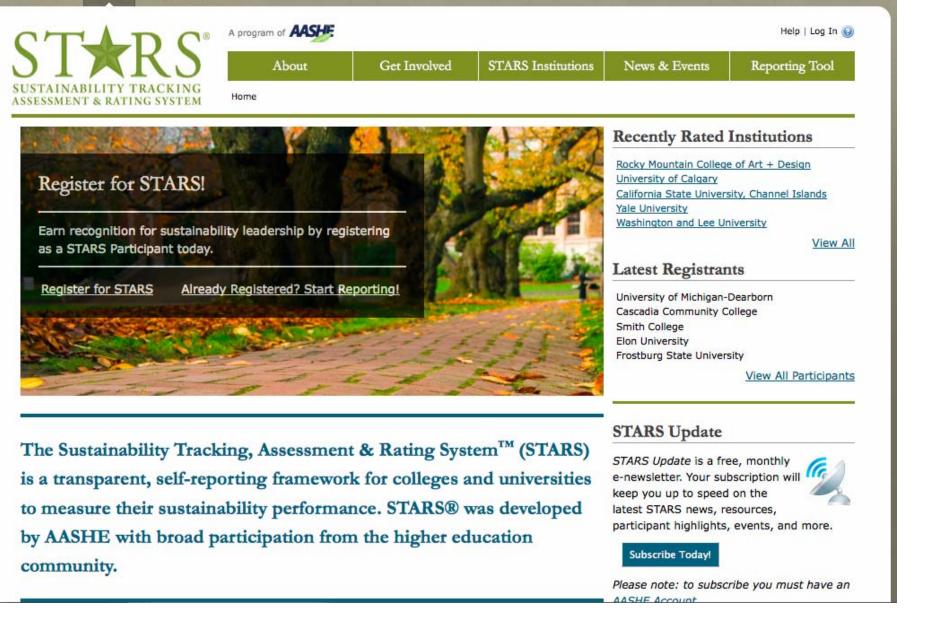
ENERGY MANAGEMENT Energy Services



Robert Reid

Associate Director, Energy Services, SEM Robert.Reid@stanford.edu (650) 723-2572 Robert manages energy services at Stanford, which entails the production of electricity, steam and chilled water supplies on campus. His role includes oversight of the procurement and production of those commodities as well as mechanical operations of the Central Energy Facility.





- STARS=The Sustainability Tracking, Assessment & Rating System
 - 北米、カナダの高等教育機関の500機関が利用

サステイナブルキャンパスの評価システム

• STARS=The Sustainability Tracking, Assessment & Rating System

- A voluntary, <u>self-reporting framework</u>
- A guide for advancing sustainability in all sectors of higher education.
- A common standard of measurement for sustainability in higher education.
- A tool that promotes a comprehensive <u>understanding of sustainability that includes its</u> <u>social, economic and environmental dimensions</u>.

サステイナブルキャンパスの評価システム

Collaboration vs. Competition

- STARS is a rating system, <u>NOT</u> <u>a ranking system</u>
- STARS provides a venue to share best practices and learn from other institutions
- STARS was created by the higher education community for the higher education community community





- 1. Credit Rationale
- 2. Criteria
- 3. Applicability
- 4. Scoring
- 5. Reporting Fields
- 6. Measurement
- 7. Standards & Terms

- Education and Research
- Operations
- Planning,
 Administration, &
 Engagement
- Innovation



Sub-Categories

- Education & Research
 - Co-Curricular Education; Curriculum; Research
- Operations
 - Buildings; Climate; Dining Services; Energy; Grounds; Purchasing; Transportation; Waste; Water
- Planning, Administration & Engagement
 - Coordination & Planning; Diversity and Affordability; Human Resources; Investment; Public Engagement

Innovation Credits

Recognize ...

- Creative and innovative strategies implemented on campuses
- Areas where a campus has exceeded credit criteria
- Letter of affirmation required

STARS Ratings

Rating Level	Minimum Score Required
STARS Bronze	25
STARS Silver	45
STARS Gold	65
STARS Platinum	85
STARS Reporter	For institutions that wish to use STARS and submit data publicly but are not pursuing a rating

Benefits of Participating

- Access to the online Reporting Tool
- Earn recognition
- Save time and money in developing a sustainability plan or report
- Collaborate across campus
- Streamline reporting
- Benchmark with peers