



Campus Sustainability Integrated Assessment

In October 2009, U-M President Mary Sue Coleman elevated the University's commitment to sustainability in teaching, research, operations, and engagement through the creation of the Sustainability Executive Council. One of the first actions of the Council was to build on a history of sustainability accomplishments by commissioning the Campus Sustainability Integrated Assessment (CSIA). The purpose of the CSIA was to conduct a comprehensive assessment that would lead to new goals and action plans to significantly advance sustainable operations at the University of Michigan-Ann Arbor.

PHASE ONE

Analysis Teams addressed:

- What could U-M do to significantly advance campus sustainability?
- Why should U-M consider these actions?

In Phase 1 of the project, seven faculty-led and student-staffed Analysis Teams consulted with key operations staff in conducting wide-ranging analysis and benchmarking on these seven topics:

- Buildings
- Energy
- Land & Water
- Food
- Transportation
- Purchasing & Recycling
- Culture

PHASE TWO

Analysis Teams and key operations staff addressed:

- How can actions be carried out given the realities of costs, benefits, and uncertainties?

During Phase 2, the Analysis Teams and key operations staff researched priority actions identified in Phase 1, offering detailed cost-benefit analysis, technical guidance, and more. Following Phase 2, an Integration Team reviewed all team reports and developed a final report with recommendations. The report organizes actions under four campus sustainability themes:

- Climate Action
- Waste Prevention
- Healthy Environments
- Community Awareness

INTEGRATED ASSESSMENT PROJECT HALLMARKS

- Seven faculty-led Analysis Teams
- More than 75 student research assistants contributed 10,000+ hours
- Close involvement of dozens of operations staff members
- Nearly 200 comments & ideas submitted by campus community
- Three town hall events drew several hundred participants
- Overall involvement of 101 organizational units and 27 academic programs
- More than 30 representatives from external organizations consulted (non-profit, government, industry, and other academic institutions)

OUTCOMES FROM THE CSIA

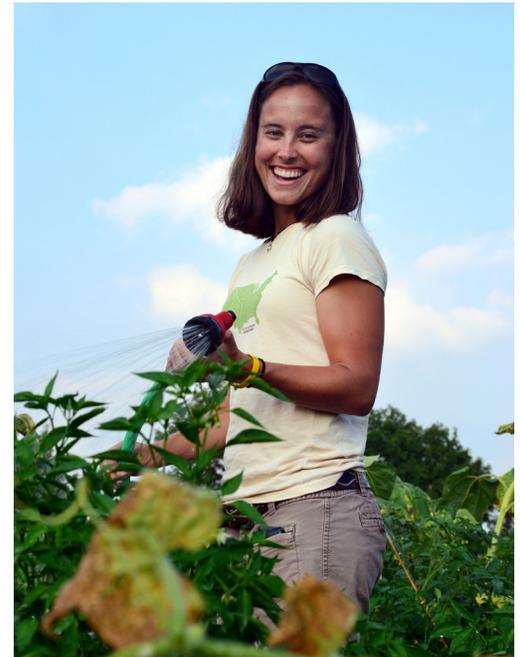
The CSIA final report recommended a range of sustainability goals and actions for consideration by University leaders. After reviewing the report, President Coleman’s Sustainability Executive Council adopted the sustainability commitments outlined in the table below. Actions proposed to reach these commitments are summarized in the full CSIA report. Additional engineering and cost analyses will determine what actions to implement, at what scale, when, and whether alternative options are preferred. Decisions to implement specific actions will be made by operations staff and University leadership.

DEFINITIONS

Guiding Principle: Broad philosophy guiding longrange strategy through changing circumstances.

2025 Goal: Time-bound, quantifiable objective aligned with each guiding principle where progress is measured from a 2006 baseline.

Theme	Guiding Principle	2025 Goal
Climate Action	We will pursue energy efficiency and fiscally-responsible energy sourcing strategies to reduce greenhouse gas emissions toward long-term carbon neutrality.	Reduce scope 1 & 2 greenhouse gas emissions by 25%. Decrease carbon intensity of passenger trips on U-M transportation options by 30%.
Waste Prevention	We will pursue purchasing, reuse, recycling, and composting strategies toward long-term waste eradication.	Reduce waste tonnage diverted to disposal facilities by 40%.
Healthy Environments	We will pursue land and water management, built environment, and product sourcing strategies toward improving the health of ecosystems and communities.	Purchase 20% of U-M food in accordance with U-M Sustainable Food Purchasing Guidelines. Protect Huron River water quality by reducing runoff from impervious surfaces and reducing the volume of land management chemicals used on campus by 40%.
Community Awareness	We will pursue stakeholder engagement, education, and evaluation strategies toward a campus-wide ethic of sustainability.	No formal goal adopted, but U-M will invest in programs to educate our community, track behavior, and report progress over time.



RESOURCES

CSIA Final Report webpage
sustainability.umich.edu
graham.umich.edu
ocs.umich.edu

* Complete definitions of goals and terminology can be found in the CSIA final report.