

# Greening the WM Campus



## **SUSTAINABILITY**

*Living and working so as to minimize our long-term impact on the environment*



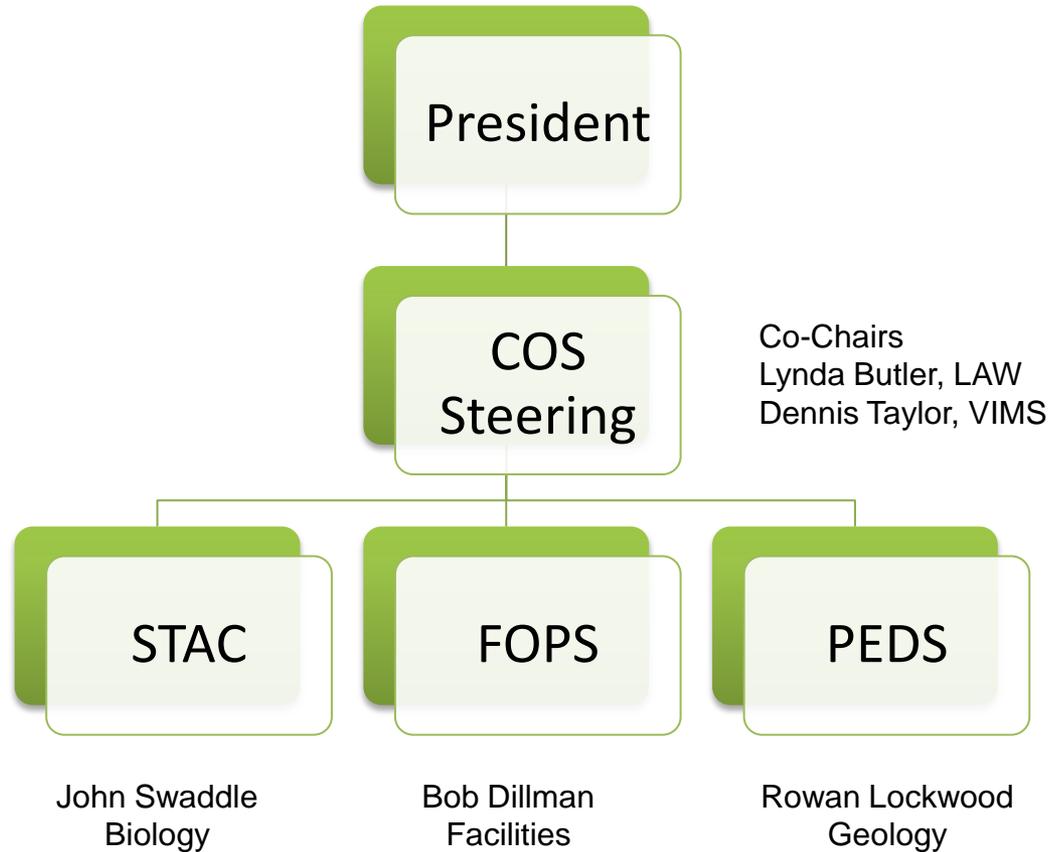
Why should we care? Sustainable approaches can...

- conserve energy and resources
- save money and jobs, increase efficiency and reduce waste
- help us work more efficiently and live healthier lives
- reduce our carbon footprint and help save the planet

# The President's Committee on Sustainability (COS)

- What is it?
  - COS is a committee of committed students, faculty, staff, and administrators volunteering and serving together to green WM
  - COS taps into the expertise and passion of the College
  - COS now involves more than 120 volunteers from throughout the College
- How did it start?
  - COS was designed as a response to the President's policy on sustainability and the student commitment to the Green Fee
- What is its purpose?
  - "... to meet the College's present needs without compromising the ability of future generations to meet their own."

# How is it organized?



# Green Fees 2008/2009

- In the current academic year, the Green Fee generated \$208,845

## Green Fee \$



■ Green Endowment	\$40,000
■ Project Funding	\$148,845
■ Summer Student Grants	\$20,000



# GREEN FEE PROJECTS

## Fall 2008

- Energy Meters in Randolph Complex
- Light Sensors in SWEM Library
- Campus Recycling
- Solar Cell Project on Small Hall
- Stormwater Management Research

## SPRING 2009

- Tyler Hall HVAC Upgrade
- Washington Hall HVAC Upgrade
- Swem Library Towel Dispensers
- VIMS: Lighting in Hargis Library
- Eco-House Energy Monitoring
- Reduce Your Use-Athon
- Campus Kitchen Green Containers
- Eco-Ambassador Program
- Green Roof Feasibility Study
- GreenBoard
- Reusable Takeout Pilot Study
- VIMS: Green Team Motion Sensors
- Waste Receptacle Pilot Study
- Student Life Signage



# 2009 Summer Research Grants

- **Judi Sclafani and Tyler Koontz:** Research on alternative cost options and possible obstacles to a self-sustaining campus-wide recycling program. Advisors: Rowan Lockwood (Geology) and Sandra Prior (Facilities Management)
- **Erica Hart:** Research to develop a GIS map layer of the campus to inventory habitat, wildlife and ecosystem services. The layer will be incorporated into the integrated GIS mapping of the College. Advisors: Randy Chambers (Biology/Environmental Studies) and Stuart Hamilton (Center for Geospatial Analysis)
- **Connor Horne:** Research in collaboration with Dining Services to develop a program for sustainable food procurement emphasizing increased reliance on locally produced foods, and sustainably grown agricultural products. Advisors: Eric Engstrom (Biology) and Larry Smith (Dining Services)



# Looking Ahead In COS

- COS leverages Green Fee \$ to operate more efficiently
  - Washington Hall HVAC project will save \$7,600/year and has a payback on investment of 3 years
- COS leverages support from other campus, local and regional organizations to expand our impact
  - SEAC, Aramark, Back Porch Energy, CCAN, Real Food, VIMS Green Team
    - Aramark will fund 3 student interns (\$20,000 in kind contribution)
    - Real Food is collaborating to increase our use of locally produced foods
- COS stimulates the integration of teaching, research and service throughout the W&M community
  - Students are working with staff and faculty to establish Eco-House as an experiment in sustainable living
  - Eco-Ambassadors will pair students and staff to green departments and units across the College

# Looking Ahead In COS

- Our future agenda includes development of a green procurement guide, analysis of greenhouse gas data, evaluation of our recycling program, and continued greening of food services
- Sustaining the COS effort
  - Build from community involvement
  - Strengthen the administrative structure
  - Improve communication and outreach

