




**LOADING**  
PLEASE WAIT...

Miami =



Ground ZERO 4 SLR



I DON'T BELIEVE IN  
GLOBAL WARMING

Caroline Lewis, The CLEO Institute - [www.CLEOInstitute.org](http://www.CLEOInstitute.org)

# Global problem, local Solutions



COP21 • CMP11  
**PARIS 2015**  
UN CLIMATE CHANGE CONFERENCE

## CLIMATE CHANGE: What lies ahead?

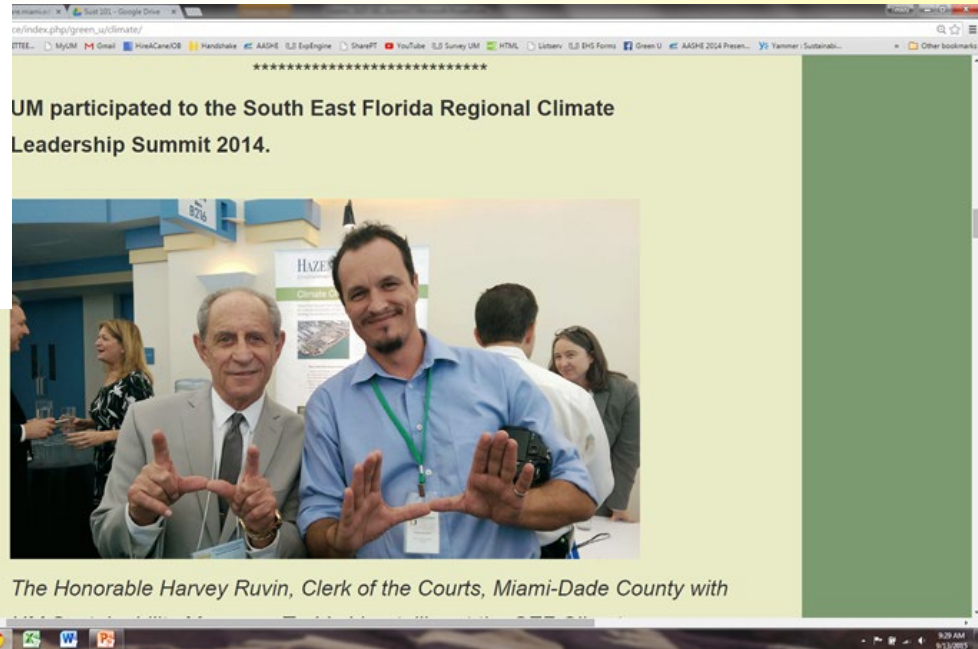
Panel discussion- A first-hand report  
of the Climate Change Summit (COP21)

DECEMBER 11, 2015 AT 6:30 pm

Venue: Center for Social Change 2013 Coral Way, 2nd Floor,  
Miami, FL 33145

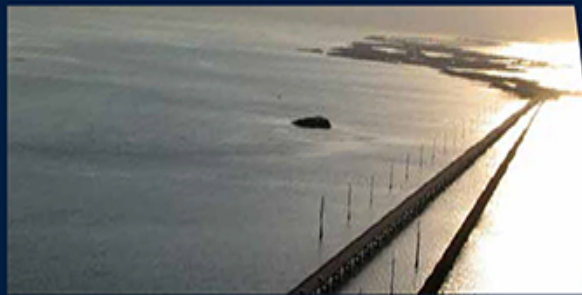


**GLOBAL TIES** > U.S.  
AT THE CENTER OF INTERNATIONAL EXCHANGE  
**Green**



*The Honorable Harvey Ruvin, Clerk of the Courts, Miami-Dade County with*





# A Region Responds to a Changing Climate

Southeast Florida Regional Climate Change Compact Counties

Regional Climate Action Plan

October 2012

**SOUTHEAST FLORIDA**

**REGIONAL COMPACT**

**CLIMATE  
CHANGE**



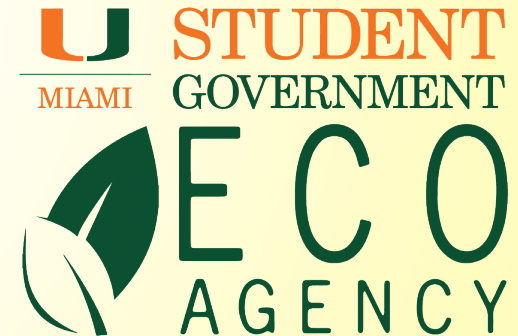
**WE ARE  
STILL IN**



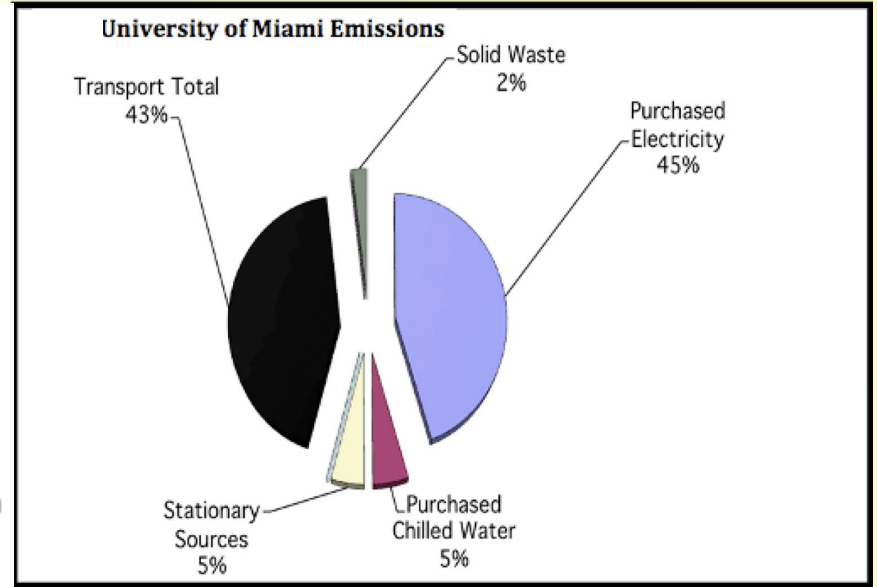
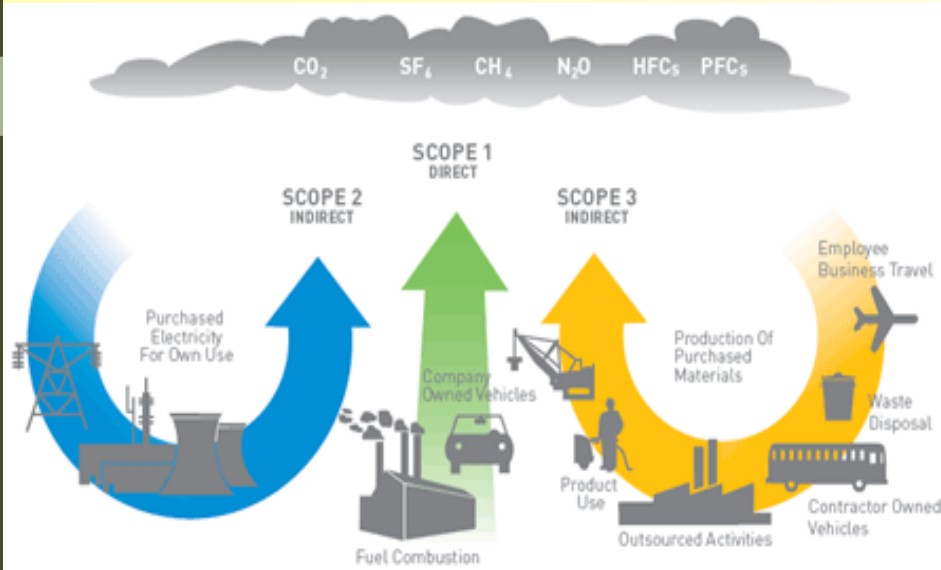


**UM is taking action!**

2007







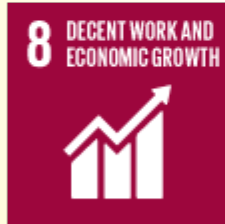
## Our Carbon Footprint Goal:

**Reduce greenhouse gas emissions to 20 % of 2007 levels by the year 2020**  
**Current: 23%**



# SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



## UM got its first GOLD ranking on the STARS program



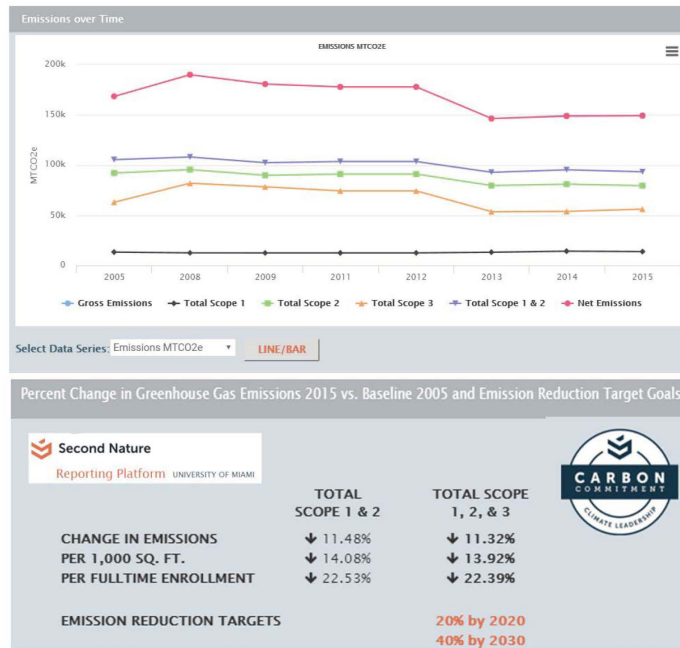
STARS is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance.



# Sustainability Action Plan



2017-2019



Dr. Ben Kirtman is a professor at the University of Miami's Rosenstiel School of Marine and Atmospheric Science and is co-chair of the NOAA Climate Prediction Task Force. He is a lead author of the latest report by the Intergovernmental Panel on Climate Change used during the 2015 Paris Summit to achieve an unprecedented unanimous agreement.







Since 2008 all new construction at UM are [LEED Silver certified](#)





Since 2008 all new construction at UM are **LEED Silver certified**

**Rainwater system  
flushing toilets**

**Electro chromatic  
windows**

**Titanium dioxide  
coating for outdoor  
air pollution**

**70KW solar  
system**

**The Patricia Louise Frost Music Studios are LEED  
Platinum**





## The Miami Business School Achieves Prestigious LEED Operation and Maintenance Gold Certification

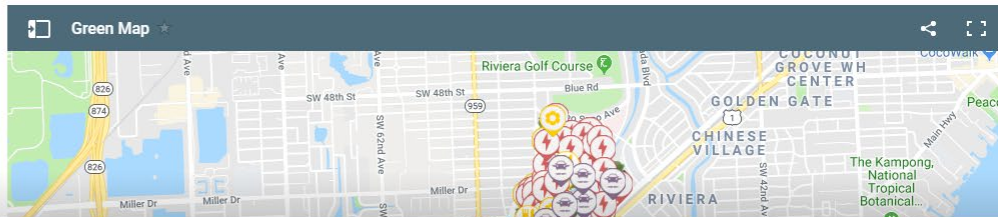


## Welcome to University of Miami's Building Storyboard

This engaging interactive tool demonstrates UM's leadership in environmental stewardship and sustainability. The Storyboard provides real-time utility data in an effort to reduce our consumption and carbon footprint. Use the tool and the map to compare your building's consumption over time and benchmark it against other buildings on campus.

In 2007, UM entered the American College and University President's Climate Commitment, and announced that all new buildings would be designed and constructed to reach a minimum standard of LEED Silver rating. The University is home to the first high-rise in South Florida that was designed and built for energy efficiency and sustainability. The University has LEED certified 1.2 M SF of Green Buildings to date and is in the process of developing an additional 727K SF of LEED certified facilities.

Visit [miami.edu/sustainability](http://miami.edu/sustainability)



Welcome



Electricity



Solar PV



Sustainability



Green Map



Weather



U Conserve Competition





# RENEWABLE ENERGY

- > The brand new Patricia Louise Frost Music : **50 KW Photovoltaic solar panel system**
- > Food Court : **20 KW Solar PV system sponsored by ECO**
- > **Solar Water Heater** at our Cox Science Building

Energy Efficiency  
=  
Savings





**Student Government ECO Agency installs a 20 KW Solar system on the Hurricane Food Court roof.**



Solar charging umbrellas

**GREEN your MOVE OUT**

Take canned and packaged food to the Feeding South Florida bins in the Dining Halls

Take big items and electronic waste to the Goodwill container (cabinets, furniture, printers, flat screens, laptops...)

**DON'T THROW AWAY YOUR STUFF!**

**Clear bags** for clean and empty recyclables  
**Black bags** for trash

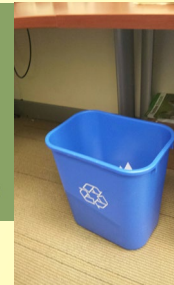
[miami.edu/sustainability](http://miami.edu/sustainability)



Food Court Solar System



Recycling in dorms



Energy Dashboard





# UM Guidelines for Single Stream Recycling:







GreenU



CLEAN PAPER • CARDBOARD

EMPTY BOTTLES • EMPTY CANS

# RECYCLE

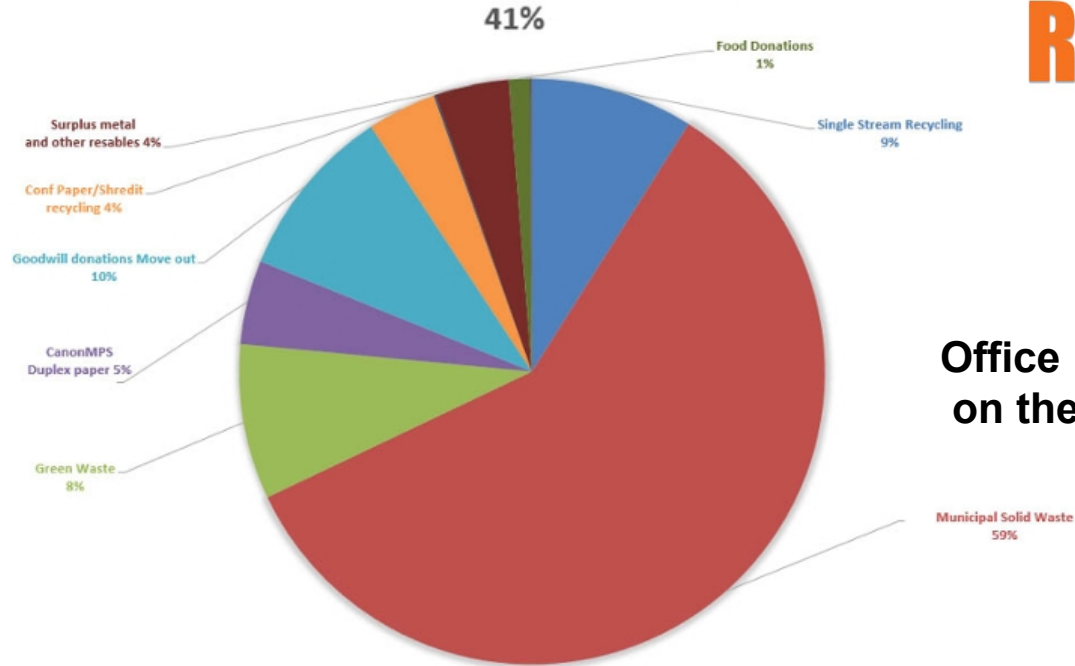
NO FOOD



NO LIQUIDS



## Waste Diversion from landfill Coral Gables campus - Jan 2019



# ReUse Store

**Green U**  
Office of Sustainability  
[miami.edu/greenu](http://miami.edu/greenu)

## Office Paper recycling on the Coral Gables campus

## Toner cartridges recycling program



# Food and Food Waste



# Nature and Landscaping



# Sustainability in the Curriculum

- "Sustainability" attribute in Cane Link
- MS in Sustainable Business
- Undergrad Certificate in Sustainability
- Sustainable Construction Management Master of Science
- Master of Arts in Environment, Culture, and Media
- Master of Science in Climate and Health



ABESS CENTER  
for ECOSYSTEM  
SCIENCE & POLICY





# U Health



- Single Stream Recycling
- Biohazard waste reduction
- Butterfly and Herbs gardens
- Reuse Store
- Healthier Food Challenge



# Corporate Sustainability Symposium

UNIVERSITY OF MIAMI  
SCHOOL of BUSINESS  
ADMINISTRATION



Green 

# GREEN ATHLETICS CONFERENCE

NOVEMBER 7 | 12-1 PM

SCHWARTZ CENTER AUDITORIUM



Live Concert

Green Fair

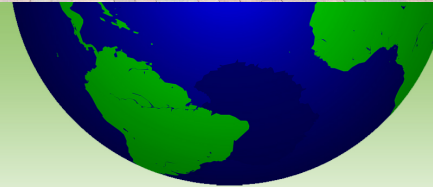
Eco Art

Dance Performance

Sustainable Food

STUDENT  
GOVERNMENT

ECO  
BOARD



# EARTH DAY

April 22nd  
11 am - 2 pm  
Lakeside Patio

Hug the Lake

at 12:05 pm

Bosey Foote Award

with President Frenk



Green  
  
OFFICE OF SUSTAINABILITY

# U Conserve Campaign




**Green Office  
Certification Program**



**GREEN LAB  
Certification Program**



## Application for UM Green Office Certification

 <b>Green Office Certification Program</b>	Date Submitted:
Office/Department:	Number of staff/members:
Campus (please circle one): CG RSMAS MEDICAL	
Bldg:	Room#:
Green Office Leader Name:	
Email:	Phone:
I/We, representative(s) of the above office or department applying for the UM Green Office Certification, sign below that to the best of my/our knowledge, this office has successfully completed all applicable steps required by the Green U - Office of Sustainability.	
Director's Signature	Green Office Leader Signature



**Green Office  
Certification Program**

## CHECKLIST

Check off the items your office practices/is committed to practicing

### ENERGY:

- ☐ Set computer sleep modes to 10 minutes or less (Control Panel-Power Options)
- ☐ Turn off lights when the office/room(s) is not in use and at the end of the work day
- ☐ Post stickers provided by Green U on every switch that is not motion sensor (If you need more send an email to [seddy@miami.edu](mailto:seddy@miami.edu))



Let's check this checklist!

**HERE**



# Want to get involved ?

- Subscribe to our newsletter
- Contact [greenu@miami.edu](mailto:greenu@miami.edu)
- **Be part of our:**

## Staff



## Faculty



## Undergrad Students



## Grad Students



**Visit [miami.edu/sustainability](http://miami.edu/sustainability)**