

Facilities Services Sustainability Work Group



University of Oregon
Campus Operations, Growing Sustainability

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Message From F.S. Sustainability Work Group

Feedback, Please
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Campus Recycling is proud to announce that it was just awarded 2nd place in the EPA Video competition, Our Planet, Our Stuff, Our Choice competition. The videos were limited to one minute so we have longer versions of the video, see below if interested.

The winning Campus Recycling Program video was done by Tyler Polich, A Recycling Program student. Here is his video:

<http://www.youtube.com/watch?v=W7buO2Njz0M>

Water Conservation

Water is essential. We need water to grow food, keep clean, provide power, and last but not least, we need it to stay alive!

If water is constantly being cleaned and recycled through the earth's water cycle, why do we need to conserve it? Humans use the Earth's fresh water faster than it can naturally be replenished. To provide enough clean fresh water, it is cleaned at treatment plants before it is used and again at wastewater treatment plants or by a septic system after water is used.



Saving water is good for the earth, your family, and your community.

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Water on Campus



Climate Justice League's
Water Bottle Refill
Spigots

UO's Climate Justice League has been working closely with Campus Recycling on the "Take Back the Tap" project to promote the elimination of bottled water.

They recently received a grant and have begun a project to put 30 new refill stations at water fountains across campus. These refill stations are attached to a normal drinking fountain to make it easier to fill a reusable bottle.

Sustainability Facts**

- It takes about one quarter of a bottle's capacity worth of petroleum and five liters of water to make one water bottle that size.
- Americans spent \$16 billion on bottled water in 2007
- A typical bathroom sink uses 11 gallons/minute. Leaking faucets waste large quantities of water.
- Less than 1% of the world's fresh water (or about 0.007% of all water on earth) is readily accessible for direct human use.
- Two thirds of the water used in a home is used in the bathroom.
- Most of the world's people must walk at least 3 hours to fetch water.
- It takes 7,000 litres (1,850 gallons) of water to refine one barrel of crude oil.
- To manufacture new cars 148,000 litres (39,000 gallons) of water are used per car.

**Facts found at <http://www.lenntech.com/water-trivia-facts.htm> and <http://www.worldwaterwars.com/>

Monthly Tips**

- Use a hose nozzle or turn off the water while you wash your car. You'll save up to 100 gallons every time.
- When shopping for a new clothes washer, compare resource savings among Energy Star models. Some of these can save up to 20 gallons of water per load, and they conserve energy too.
- Keep a bucket in the shower to catch water as it warms up or runs. Use this water to flush toilets or water plants.
- When you are washing your hands, don't let the water run while you lather.
- Adjust sprinklers so only your lawn is watered and not the house, sidewalk, or street.

**Conservation tips taken from: <http://www.wateruseitwisely.com>

The Light Bulb



← Thomas Edison's first practical electric light.



Modern Incandescent → bulb

As you can see, the changes between the original and the modern light bulb are mostly aesthetic.

The incandescent light bulb was a brilliant invention for its time, but about 95% of the electricity used in one is wasted in the form of heat. It's long reign as the dominant source of lighting needs to come to an end.

Current Replacement Option:
Compact Fluorescent Lighting (CFL), most use only 20-33% of the electricity used by incandescent bulbs.



Near Future Replacement Option:
LED light bulbs are 80% more efficient than incandescent, 50% more efficient than CFLs. They can be retrofitted to fit most current sockets.



5-10 year Replacement Option:
OLED lights are energy efficient and cold to the touch. OLED panels can be put on wallpaper, windows, desktops, and even clothing.



Reusable Shipping Containers

OfficeMax has a new Reusable Shipping Bin Program that is aimed to assist its contract business customers in reducing waste by utilizing reusable shipping containers. The containers are made of a light-weight polypropylene based material. The private [OfficeMax](#) fleet will handle the delivery and the reverse logistics of the containers, returning empty bins to distribution centers for refilling and shipping. Each bin will feature an advanced bar code system for tracking and are labeled with the OfficeMax logo for identification.

Facilities Services uses these returnable shipping containers for our office supplies orders. These corrugated totes are bar-coded and must be returned within 30 days to OfficeMax; if the totes are not returned, Stores will be charged for them. Facilities Services was the test for all of campus to determine if the UO will use them.

August 18, 2010 — Profile

Happy Birthday, **Charles Robert Redford, Jr.**

Robert Redford has addressed environmental issues in documentaries and film for over 30 years. He created the Sundance Institute for the discovery and development of independent artists, to bring together artists, scientists and policymakers to discuss solutions to climate change, and to air environmentally themed television programs.



He is a founder and trustee of the National Resources Defense Council. the NRDC works against urban sprawl, pollution, and habitat destruction, and promotes actions to mitigate global warming and increase the use of renewable energy.

In 2007, Time magazine named Redford a "Hero of the Environment."

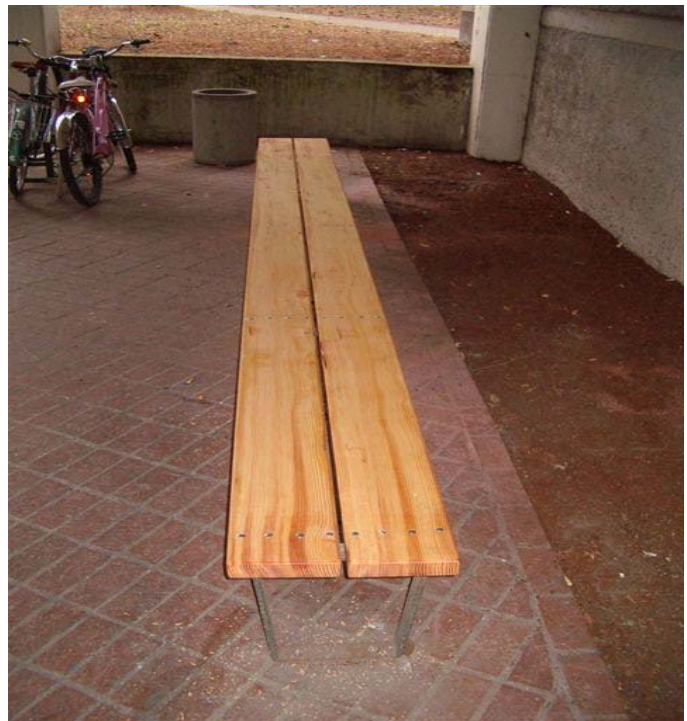
Sustainability Superstar of the Month:



Deaton Love

Deaton Love is always involved with sustainable projects on campus. He is currently working with the Design Build class at the (AAA) where instead of demolishing the concrete and hauling it off to a pit, he is cutting the concrete into reusable stepping stones to be used on the project. He has also been using lumber milled from fallen and cut down trees to replace the old wood on benches throughout campus. (*Photos below)

Good Job Deaton!! **Congratulations!!!!**



New Campus Recycling Sorting System

WHITE PAPER

Includes: White Office Paper



No Envelopes or Labels

Campus Recycling has changed its sorting system to simplify and increase collection, and to reduce sorting time.

MIXED PAPER (NON-WHITE)

Includes:

Non-White Office Paper

Bulk Mail

Paperboard

All Envelopes

Newspaper/Magazines

Notebooks/Books



**Recycle corrugated cardboard
by building dumpsters**

GLASS - METAL - PLASTIC

Includes:

Bottles & Cans

Drink Cartons

Aluminum & Steel

Jars & Tubs

Plastic Bags



No Food or Liquid

COGS Newsletter written and formatted by
Sarah Elwonger

**PLEASE
COMPOST**
at any campus food
service area

*including compostable cups

