

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

The Sustainability Work Group needs your help. Keep us informed of your thoughts, ideas, and feedback as you read these newsletters. And feel free to send in ideas for stories. Forward all comments to:

knowaste@uoregon.edu

Happy Zero Waste Day!



Reduce, Reuse, Recycle, Compost!

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America Recycles Day is back and events across the nation are happening in celebration of reducing waste. This year Campus Zero Waste Program will be celebrating Zero Waste day, a new type of celebration that encompasses all the components of waste management. We encourage not only recycling but composting and sustainability practices as well.

Campus Recycling is hosting a Zero Waste Carnival in the EMU on Tuesday November 13th from 10:30-3:30. The carnival will have games, prizes, and giveaways relating to zero waste to get students educated and excited on minimizing waste in their lives.

Campus GIS & Mapping Program Helps Improve Sustainability on Campus

The University of Oregon now has a GIS mapping program that is helping transform the way we do things on campus. The GIS project has been mapping out campus by collecting information on imagery-data, videos, precise elevation measures, exterior data, transportation data, waste data, and much more. The mapping program has been working with the geography program as well as other campus entities to create the data. Many maps have been made for public identification of campus resources. You can find the public maps through the University of Oregon website.

Campus Operations is using the GIS mapping for:

- **Storm water management** is being analyzed allowing the campus to look at the current practices in place. Flow analyses are easily done helping campus evaluate the current management practices and seek areas for improvement. The storm water analysis helped the school save money on taxes because it showed the precise storm water flow. The mapping of storm water also helps the city have a better understanding of the University's storm water management.
- **Tunnel Mapping** allows contractors to easily locate sites on campus. Integrated videos in the mapping program allow contractors to check out the site without needing to go all the way to the location. For emergency responses, tunnel mapping helps the campus to navigate utility distribution systems and other crucial areas that may be affected in an emergency situation.
- **Exterior Mapping** helped create an atlas of trees on campus. This helps the University understand tree locations. Transportation data has been mapped helping to show the types of transportation on campus. Also integrated into UO app is a navigation system that shows distance walking from two points on campus.
- **Campus Zero Waste program** has been collecting exciting waste data. Two recyclers, Wyle and Corrina have been working on collecting data in all the buildings on campus to map out the garbage cans, compost, and recycling bins. This data will be helpful for campus to audit and evaluate how much waste is going into the landfills. The data will be made available for students

to locate the nearest recycling or composting site on the UO smartphone app.

The mapping program provides new possibilities for the University of Oregon. Through the mapping program, campus has been able to release exciting apps such as the University of Oregon map app, as well as the ibike Eugene app. The mapping program has plans for the future to bring in 3D modeling and provide insight on energy usage in campus-buildings.



Wylie and Corrina (Recyclers) mapping out the recycling in the EMU



Ibike App

UO App

Sustainability Superstars



This term's sustainability superstars are Dave Walker and Shawn Holliday from Campus Operations. These two have been adamant about incorporating sustainability into their everyday work ethic. Shawn and Dave repair things all over campus but their outlook on repairs brings a new perspective to maintenance. When the two go to work on a project that needs maintenance they make sure to examine what isn't working and seek out how to repair something before buying an entirely new parts. Campus Operations has a stock of parts that are used and utilizing these parts saves money and resources for the school. The two also work hard to save old parts from projects whenever they can, adding to the stock of reusable parts. Good maintenance saves money and resources. Thank you Dave and Shawn for putting sustainability first in your work practices and for choosing "REPAIR before REPLACE!"

Sustainability Tip

Joining a CSA (Community Shared Agriculture) is a great way to increase consumption of local foods and decrease your food's carbon footprint. CSA's allow you to pay a farmer for a weekly exchange of fresh produce. Joining a CSA also helps you learn about seasonal vegetables in your community. Eugene has a variety of CSA's and they allow for pick-ups all over the Eugene community.

Join a CSA that lasts through winter:

- Roger Kerrigan retired ex-team supervisor provides weekly veggie boxes delivered to Facilities. Email for more info. at: r.kerrigan@hotmail.com
- Deck Family Farm
- Good Food Easy * pick up sites on UO campus
- Laughing Stock Farm
- Living Earth Farm
- Lonesome Whistle Farm
- Open Oak Farm
- Wild Mushroom CSA



Sustainability Facts

AASHE Conference

Every year sustainability advocates from across the world convene to learn and share their knowledge of sustainability in higher education. This year it was a huge success with many international representatives collaborating and attending workshops to learn how to improve the sustainability within their schools. Many faculty members and students from the University of Oregon attended and professor Marc Schlossberg won an award for The Sustainable Cities Initiative (SCI).

The conference theme was 'Investing in the Future.' The workshops touched on areas such as buildings, zero waste, green energy, environmental social justice issues, and much more. The conference ultimately was an opportunity for schools to hear how other schools are working towards their climate action plans. The main speaker of the conference was Hunter Lovins. She is a teacher and author, internationally recognized for her promotion of sustainability. She is also the president of the nonprofit Natural Capitalism Solutions. Hunter was the closing speaker of the conference and she ended with her ideas of way the future holds for education.

Check out a TED Talk video of Hunter describing the future of higher education: <http://youtu.be/nhk1y4Qz->



Campus Zero Waste and Student Sustainability Center faculty and students at the AASHE conference



Green Team Recycles At Autzen

This year the Ducks have taken the lead to be more "green." The Green Team is a new student-led group that strives to reduce the waste on game days at Autzen Stadium. The athletic program has been working with the Green Team in hopes to improve the sustainability of Autzen Stadium. The green team currently is focused on helping to improve the recycling during tailgates.

The members of the green team change weekly because it is all volunteer based. Each week, a different ASUO recognized group or community group is chosen to participate as a fundraiser event for their group. As the fans head into the parking lot, they are given a bag for the collection of their recyclables. The Green Team is in charge of picking up those bags throughout the parking lot and bringing them to the recycling sites. The main recyclables are plastic, aluminum and glass all of which are considered redeemable recyclables.

Although the Green Team is new they have had a big impact on the waste reduction of Autzen. The Green Team has also provided groups with substantial fundraising. Hannah Jones the director of the program described the success of the program, "Volunteering for the first 2 home games, the Churchill parent group was able to raise over \$1,500, which will go to help various school-related programs such as the boxed lunch program."

The motto of the Green Team is "Winning the day starts in the parking lot."



Photo Eugene Daily News

Plastic Bag Ban Approved by Eugene City Council

The past year there has been a lot of discussion of the negative environmental impacts plastic bags present to cities. Throughout the West Coast, cities have put bans on plastic bags to help minimize the environmental impact and change the behavior of shoppers. After growing support from the public, the Eugene city council on Monday, October 22, voted 6-2 in favor of a city-wide ban on plastic grocery bags. Eugene is now the third city in Oregon to implement this ban following Portland and Corvallis.

The ordinance will take place in six months to allow the stores to prepare for the ban. The ordinance also implements a policy requiring retailers to charge at least 5 cents for each paper bag allotted. This policy is to be an incentive for people to bring a reusable bag, while also helping stores pay for the higher cost of purchasing paper bags.

The ban will not be placed on department stores or for vegetables/meat in grocery stores. Restaurants can also still supply plastic bags for their to-go foods. Most of the grocery stores through the past year have shown support for this ban.



REUSE and REDISCOVER the possibilities of Upcycling!



Reuse Cans and turn them into planters!



Bottle Cap Table



Old record turned into a mail sorter

A globe as a popper container



Soda can lanterns



Upcycle old t-shirt rug



Car covered in old pens