Our mission: Sustainability, efficiency, and conservation: Planting seeds for a greener tomorrow.

The DIRT

Leaving green footprints for tomorrow's

Summer
June 2015

A publication for the Airport Community of Orlando International & Orlando Executive Airports

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Mark Your Calendar

June
American Rivers Month / Perennial Gardening Month

June 1
Start of Hurricane Season

June 5
World Environment Day

June 8
World Oceans Day

June 12
Speaker Series; Whole Foods

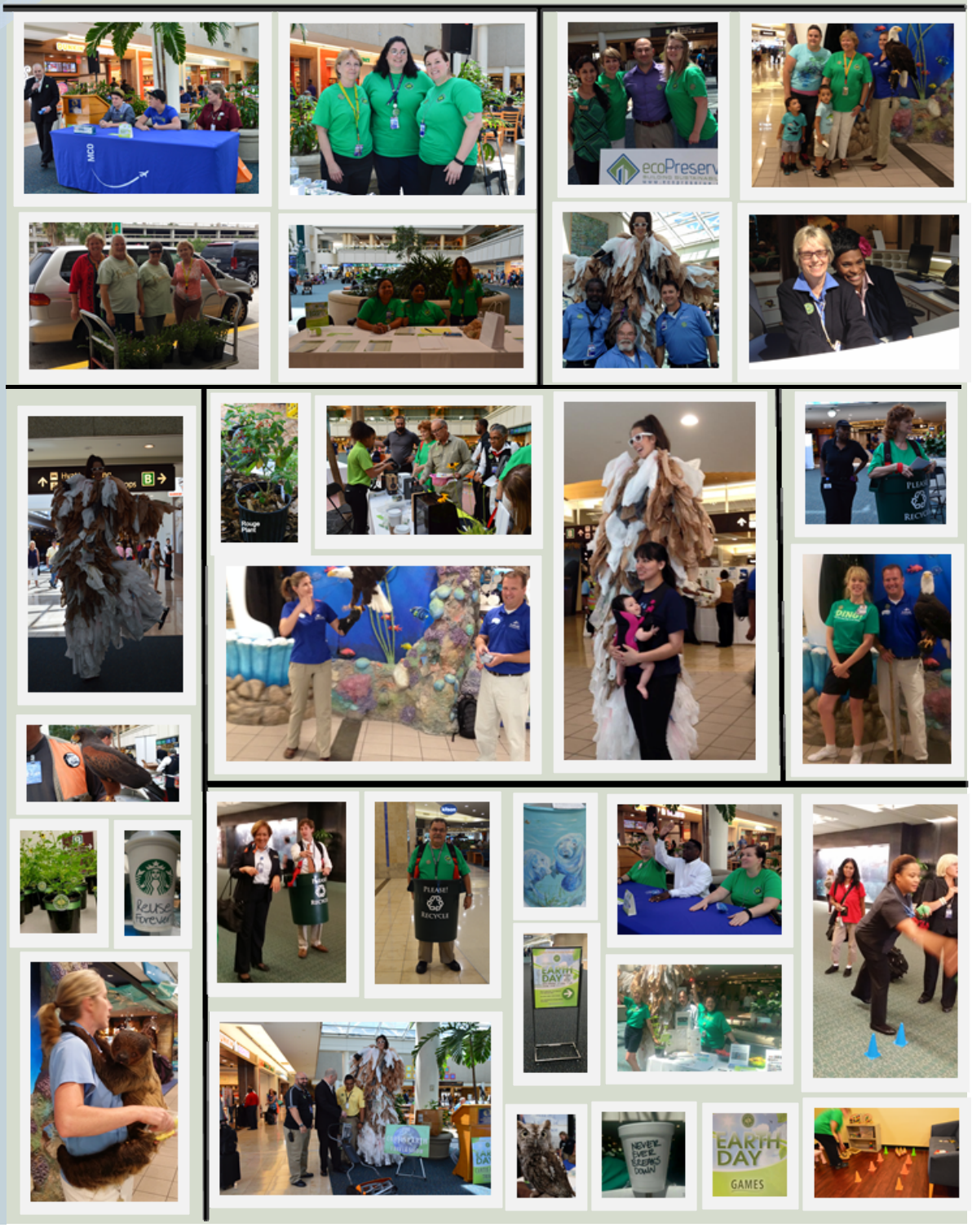
June 14
Flag Day

June 21
Father's Day

June 21
Forever Fest at Florida Forever special Father's Day event. 10 am-4 pm.

June 21-27
National Mosquito Control Awareness Week

Earth Day 2015



Clothing
& Shoe
Recycling

LEASE!

GOAA 2014
Sustainability Highlights

Earth Day Recycling Results

Report from ATRS: **846 pounds diverted from landfill over two weeks**

Location	Pounds Diverted from Landfill
Recycle Bin at Employee Lot	580
OIA Earth Day	166
TSA	100
TOTAL weight	**846**

GOAA's Environmentally Preferable Purchasing (EPP) Pledge

The Greater Orlando Aviation Authority (GOAA) will implement new purchasing and procurement practices that reaffirm its commitment to creating an environmentally-conscious culture at Orlando International Airport. Click this link to read the press release in its entirety.

Press release EPP Pledge

History of Earth Day

By Alexa Stone, ecoPreserve

Our planet Earth is known as the Blue Planet because of its abundance of water. The Earth is a complex ecosystem where organisms interact with each other and their environment with a goal to sustain life. Right now, our planet is under assault. Waste is piling up in landfills and pollution is threatening air quality. If we don't take steps now to try and repair the damage, there might not be much of a world left for our children to pass onto theirs.

Did You Know:

- Sea levels are rising and coastal habitats face major changes as they are flooded with saltwater (ref National Wildlife Federation 2014)
- Rain patterns are changing and some places are getting more rain and others are getting less leading to droughts and floods (ref National Wildlife Federation 2014)
- Populations of mammals, birds, reptiles, amphibians and fish have declined by 52% (ref BBC News 2014)

How Did Earth Day Begin?

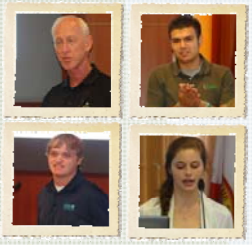
The first one took place on April 22, 1970 and was launched by the trio of U.S. Senator Gaylord Nelson (of Wisconsin), Harvard student Denis Hayes and a well-known Eco-activist named Paul Erlich, as a call to global environmental awareness. Although it started in the United States, Earth Day has since blossomed into an international celebration of our planet, observed by nearly 175 countries worldwide.

What's Happened Since Then?

Thanks to succeeding Earth Days, people have become more aware of the role that the environment plays in helping sustain life in this fragile world of ours and that we need to take an active role in protecting it. For instance, since that very first Earth Day in 1970, we now:

- Expect large organizations to have Sustainability Management Plans and report on energy and water usage, emissions and recycling rates
- Have access to energy efficient forms of light such as LED (light emitting diodes)
- Have affordable hybrid and electric cars
- See 3rd party certifications for building design and operations, like LEED Certification

Speaker Series: May 2015



GOAA hosted a home energy efficiency workshop with experts from SELF, a non-profit lending organization that provides energy expertise and short term loans to help home owners identify opportunities to save money on their home energy bills through cost effective upgrades.

During the workshop, SELF's experts guided attendees through simple DIY energy projects including air filter replacement, air conditioning upgrades, solar options and water heaters retrofits. The focus was how to help save money on home energy bills and the discussion was active.

A list of loan eligible projects can be found at http://cleanenergyloanprogram.org/product-list. SELF is a resource for home energy related questions, home energy audits, low interest loans and preferred contractors. Please visit their website at http://cleanenergyloanprogram.org/how-it-works/homeowners or call them at 407-267-3071.

The Green Team thanks OUC for sponsoring lunch for this helpful workshop.

A big congratulations to Carla Girtman who won the SELF home energy audit giveaway! Stay tuned for pictures and reports on her energy audit!

Green Roots Around the Airport

Purchasing Department Waste Audit

110 pounds of shredding
8 pounds of trash
3 pounds recycling
Diversion rate at 75%!

Clean pick up of trash & recycle items at Purchasing May 14, 2015

From the Green Queen of Southwest Airlines

So what if every single thing you buy, make, or use has to sit in your backyard for the rest of your life? What would you do?" I posed this question to a number of our passengers and airport employees at our SWA Earth Day table last week. Of course the most fascinating responses came from the kids. "Well you better buy a house with a really big back yard!" squealed one little boy. "I don't buy anything. I'm still just a kid! But my mommy buys LOTS of stuff." said a little girl.

Susan Cutignola and I had a great time representing SWA on Earth Day and hosted a table full of information about everything from our LuvSeat program to recycling onboard our aircraft, from entangled turtles at the Great Garbage Patch to volunteer opportunities to help clean our waterways and get new members for our Airport Green Team. We talked about the life span of single use beverage containers. Our table was in prime position to contact the highest number of people, right there behind the information booth just past the ticket counter. We had about 1,100 visitors and 80 tables, (only airlines were SWA , SunCountry, Aeromexico, Azul Airlines, and Delta) making this one of the most successful Earth Day events thus far!

ENVIRO-TIPS : From the US Environmental Protection Agency

EPA News you can Use - http://www.epa.gov/gogreen

Prepare for disaster before it strikes. This is the beginning of hurricane season in the US. Individuals, communities, and businesses can plan ahead for safety, shortages, and storm cleanup. http://www.epa.gov/naturaldisasters/hurricanes

Exercising outdoors? Check your air quality forecast to find the best time for a workout or run. Knowing your air quality can help avoid aggravating respiratory problems such as asthma. http://www.airnow.gov. Try the **AIRNow mobile app** to get real-time air quality information where you are. - http://m.epa.gov/apps/airnow.html

Bee Safe with Pesticides. It's springtime ... and if you use pesticides where bees are present, always READ THE LABEL. Be sure you know how to use pesticides safely and correctly. More about protecting bees and other pollinators:

http://www2.epa.gov/pollinator-protection/find-best-management-practices-protect-pollinators

Don't Get Bitten. Learn ways to control mosquitos, for example, draining water where mosquitos breed, or using pesticides safely. June is Mosquito Control Month.
http://www2.epa.gov/mosquitocontrol

Want more news? Sign up to receive EPA news releases on topics that interest you.
http://www2.epa.gov/newsroom

Join Us!

Would you like to be a member of the Green Team? The Airport Green Team is an all-volunteer Committee of airport employees who meet periodically. Please contact Tom Draper at tdraper@goaa.org or Anita Lemmon alemmon@goaa.org for details.

Communication & Transportation Green Team Sub-committee members: Carla Girtman - Editor (GOAA), Anita Lemmon (GOAA), Pamela Dunkel (Delta), Charlene Butler (Delta), Justin Danehy (GOAA), Sheila DiPace (Southwest Airlines), Alexa Stone

Speaker Series: February 2015

The Green Team's Speaker Series welcomed Dr. Nicoleta Hickman from Florida Solar Energy Center (FSEC) who spoke about FSEC's responsibilities to conduct research, test and certify solar systems, and to develop education programs. She further discussed how airport solar farms, like one in Indianapolis, can help reduce an airport's vast energy needs. Airports such as Tampa International and Lakeland Linder Regional are in the process of creating solar projects. Dr. Hickman stated that if airports own and use a solar farm, they could assume they would not have to pay for energy within ten years. She encouraged everyone to check out the rebates and tax credits for those who installed solar electric systems between January 1, 2006 and December 31, 2016. For information about these rebates and tax credits, visit http://www.fsec.ucf.edu/en/consumer/solar_electricity/rebates.htm.

Visit floridaenergycenter.org for more information on Florida Solar Energy Center.

The Green Team extends a big thank you to Schindler Elevator for sponsoring lunch for this month's speaker series.

Speaker Series: March 2015

Ms. Dolly Daniel, Senior Director of Administration and Technology, introduced the March Sustainability Speaker, Mr. Yalmaz Siddiqui. Mr. Siddiqui is the Senior Director of Environmental Strategy from Office Depot, and author on the first global study on environmental purchasing of wood and paper products. He said the old way of thinking about green and sustainability, with tree huggers and guilt, doesn't work anymore. Evaluating "green" buying decisions is the better direction. Everyone wants to make the best choice for the environment , but sometimes it's not clear. Below are some ideas for making evaluations and decisions.

1. Spending more in the beginning can save money over the long term. Replacing incandescent light bulbs with LEDs may be more expensive upfront, but can save money during its lifetime. If you are considering LEDs, try the EPA's calculator to help make the best decision: http://www.energystar.gov/sites/default/files/asset/document/light_bulb_calculator.xlsx.
2. Reducing maintenance costs can result in savings. For instance, using compressed natural gas in cars burns cleaner and produces less toxic emissions while lowering vehicle maintenance costs. Click here for more information http://www.afdc.energy.gov/vehicles/natural_gas_emissions.html
3. Purchasing reused or recycled products may be cheaper and provide the same quality as new. Refurbished toner cartridges are less expensive than new cartridges and buying them keeps toner out of our landfills where it can leak and contaminate water sources. You can sign up for Office Depot's Ink and Toner Recycling Program at https://www.mybusinessrecycles.com/index.aspx.
4. Another way to make good buying decisions without spending hours of time researching product manufacturing practices is to look for eco-labels. Mr. Siddiqui mentioned looking for these credible labels when purchasing items:

ENERGY STAR products are independently certified to save energy without sacrificing features or functionality.

Rain Forest Alliance Seal is an internationally recognized symbol of environmental, social and economic sustainability for more information, click on the frog: http://www.rainforest-alliance.org/shopthefrog?country=93&province=123

LEED certified buildings save money, use fewer natural resources, use fewer chemicals and provide a healthier place for occupants to work.

Mr. Siddiqui encouraged all attendees, with special regard to those in purchasing positions, to ask their suppliers to provide 3rd party certifications and report on what percentage spent that is sustainable. He commended GOAA on its newly signed Environmental Purchasing Pledge and recommended the company could go even further by including specifics around 3rd party certifications, press releases, and signage around the airport announcing environmental successes.

For those who couldn't attend the presentation, click the following link to view a video with an apt message and enjoy a laugh or two! https://www.youtube.com/watch?v=3ilkOi3srLo.

The Green Team extends its appreciation to Office Depot for also hosting this month's Speaker luncheon.

Thank you to our vendors and volunteers who made Earth Day happen!

OIA Green Team Volunteers

3 E Consultants

AECOM

AeroMexico

All Elements & SELF

ARFF

ASIG

ATRS

Azul Airlines

BBA Aviation/ASIG/ Signature Flight Support

Bio-Tech Consulting

Clean Energy

Clean The World

Curtis Earth

Dade Paper

Delta Air Lines

Doubletree at SeaWorld

EcoPreserve

Enterprise / Alamo /National

EvoScapes

FDOT I-4 Ultimate Improvement

First Vehicle Services

Flagship

Forever Florida

Georgia Pacific

Green Works Orlando

GOAA Wildlife & Environmental Mgmt

HMS Host

Hyatt

Kangen Water

Kissimmee Valley Audubon & Pine Lily Chapter Native Plant

Lush

Mears

Mega Man Metals

Mustard Seed of Central Florida

Ocampo Upholstery

Office Depot

Orange County

Progressive Waste

PSI

Reclaimed Water
Orange County Utilities

Republic Services

reThink

Schenkel Shultz / Ricardo & Assoc.

ScrubZoni

SeaWorld

Solid Waste Division
Orange Co. Utilities

Sound Balance

Southwest Airlines

Super Shuttle &
Super Transportation

Swamp Girl Adventures

Supply Works

Terracon Consultants

TLC Engineering

Toshiba

TSA

U.S. Green Building Council

VHB

Walt Disney Resorts and Disney Magical Express

Waste2USA

Wings Financial

Not Shown

Ambius / JC Ehrlich Co. Inc
Carol King Landscape
Designer's West
Green Destination Orlando
Hertz
ISS
Interline Brands
Melvin Encarnacion / Prospect
Menzies
Sun Country Airlines