

SUSTAINABILITY OPPORTUNITIES

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How Can I Be More Sustainable?

Find this online at <http://www.nasa.gov/centers/johnson/about/sustainability>

MAY 2016



2016 MONTHLY FOCUS AREAS

January & February
LAND

July & August
AIR

March & April
WATER

September & October
ENERGY

May & June
PEOPLE

November & December
MATERIALS

The Power of One Mockup

**A LOOK
BACK
BEFORE
WE LOOK
AHEAD**



Nathan Moore received the Power of One Award for his creativity in reusing materials and working within a constrained budget. Moore used the JSC Redistribution and Utilization (R&U) Branch to develop the Orion mockup. Originally estimated to cost over three times his annual mockup budget, it was manufactured largely from metal stock in R&U's excess materials, reducing manufacturing costs by about 90 percent.

The operator console frame is from parts waiting to be excessed in a laydown yard, and surplus dumbbells provide specific weights for load testing structures. R&U provided frames, electronics, fasteners and tools to construct, test and assemble the operator console and the mockup.

Moore saved JSC in disposal costs and received more than \$92,000 in materials and tools in 2015 alone. Contact JSC-Sustainability if you would like an overview of the excess shopping access.

Read the [FY2016 Sustainability Engagement Strategy](#) to discover ways to live, work, and play more sustainably.

JSC's Environmental Webpage

How do I monitor the energy usage in my JSC building?

JSC Environmental Brown Bag Presentations

JSC Environmental Newsletter Archives

INTERNAL PHOTOS & LINKS



UPCOMING EVENTS

MAY 2016

NOTE: Italics indicate a JSC internal event

May 6th – Longhorn Project workday

Collaborate with volunteers from a variety of divisions on garden and agriculture projects at the Longhorn site next to Rocket Park.

Friday, time TBD

POC: Stacy Shutts

Free Day in Nature, Every 1st & 3rd Sunday

Hike the trails (guides available). View the prairie, forest, marshes, and reptiles on display.

12:00 – 5:00PM

Armand Bayou Nature Center

Further info: (281) 474-2551x10 or www.abnc.org

Every Wednesday – Nassau Bay Farmer's Market

Enjoy organic produce and other products just across the street!

3:00 – 6:00PM

Upper Bay Rd., Nassau Bay, TX 77058

POC: Ann Rogers

May 10th - Environmental Brown Bag:

Learn about Exploration Green from Jerry Hamby. Exploration Green is a public park converted from a golf course. It provides wetland services to the community and recreation.

12:00 – 1:00PM

B12 / Rm. 200-200A

POC: JSC Environmental Office (x36207)

May 17th – NASA JSC Green Team Meeting

Join the team to start putting your sustainable ideas into action.

2:00 – 3:00PM

B30/Theatre of Relativity (Collaboration Area)

POC: Jeni Morrison

May 19th – Bike To Work Day, JSC

[Register](#) to participate and be assigned a riding group.

7:00AM – 4:00PM

Gilruth Center

May 24th – Monarchs with Cindy Price

For those that miss or missed the Environmental Brown Bag, Cindy Price will again be presenting on migrations, threats, and solutions for this fragile migratory species.

UHCL

POC: Cindy Price (global)

May 24-26th – Green Engineering Course

Learn how to create sustainable design and why the process is important. [Register in Satern.](#)

8:00AM – 3:30PM

POC: Zeeaa Quadri

Learn more at [Citizen's Environmental Coalition](#) and [City of Houston's Code Green website](#).

FEATURED STORY:



Bike To Work Day

If you want more reasons to celebrate after Cinco de Mayo, look no further. National Bike to Work Day is May 20th, and volunteers from JSC are organizing an employee **Bike To Work on Thursday, May 19th**!

Enjoy a rush of endorphins with morning exercise! [Register](#) to be in a group ride based in your area. After arriving safely at the Gilruth Center, enjoy breakfast and meet with other bike organizations. There will also be a bike mechanic for any tune-up needs. The group will meet for a photo and commence the ride home at the end of the day.

At the Johnson Space Center (JSC)

- Already reduced energy consumption 10% since 2000



- Planting 90% native vegetation, decreasing water needs

- Diverting 50% of trash from landfills through recycling, reuse, and reduction



What are you doing?

- Calculate and reduce your ecological footprint
- Get involved in your community
- What else?



Green Engineering

The Green Engineering course is coming back to JSC! Professor, Sean McGinnis, of Virginia Tech, is the facilitator. The course will identify engineering challenges with respect to future risks, product lifecycles, and offer potential solutions. [Register in Satern!](#)



HOW CAN I BE MORE SUSTAINABLE?

Calculate your ecological footprint! How many Earth's does it take to sustain your

“My goal as the JSC Center Operations Director is to create a working environment where JSC employees feel happy, comfortable, and productive to support our mission. Similarly, my vision for sustainability is that it's something we don't even think about; it's ingrained in our thinking. We just do it.”

Joel Walker, JSC Center Sustainability Officer



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