

SUSTAINABILITY OPPORTUNITIES

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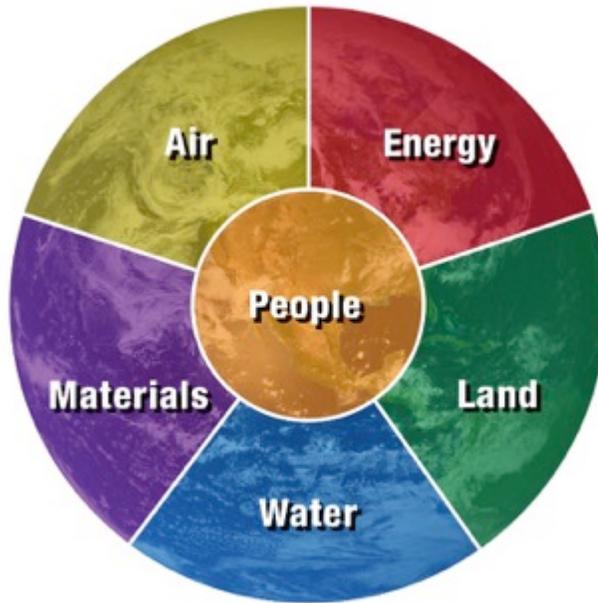
Upcoming Events

Featured Story: *Catch the Runaway Rain*

How Can I Be More Sustainable?

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

JAN 20 16



2016 MONTHLY FOCUS AREAS

January & February
LAND

March & April
WATER

May & June
PEOPLE

July & August
AIR

September & October
ENERGY

November & December
MATERIALS

JSC-Sustainability@mail.NASA.gov

SUSTAINABILITY OPPORTUNITIES

JAN 2016

In the Lot & In the Field

A LOOK BACK BEFORE WE LOOK AHEAD

Sustainability to the "MAX": JSC's first plug-in hybrid electric vehicle, a Ford C-Max Energi, arrived December 30th! Check it out at Bldg. 420—



Composed Compost: From a pile of pallets and grasses, a team of five, including four Master Naturalists, built community compost stations at the Longhorn Project (LHP) Gardens. Guidelines for compost: maintain an aerated space— at least 1 m³. Add more "browns" (carbon) than "greens" (nitrogen), and keep it damp like a sponge.

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

NOTE: Italics indicate a JSC internal event

Do you bike to work? Know someone who does? We're collecting stories of your commuting adventures on two wheels as we plan for Bike to Work Day 2016! E-mail with a note about your experiences, and whether or not we can republish it as we develop a communications strategy for the event.

Daily through Jan 9th, 2016 – [Zoo Lights](#)

6:00PM – 10:00PM

Houston Zoo

Jan 12th – NASA JSC Environmental Brown Bag Presentation: “Entrusting Land and Conserving Wetlands: The Galveston Bay Foundation” with Bob Stokes

12:00 – 1:00PM

B12 / R200-200A

POC: Stacy Shutts

Jan 12th – NASA JSC Green Team Meeting

2:00 – 3:00PM

B57/R107

POC: Jeni Morrison

Jan 17th – Free Day in Nature, Every 1st & 3rd Sunday

Hike the trails with or without guides, view the prairie, forest and marshes. Reptiles on display in the interpretive building.

12:00 – 5:00PM

Armand Bayou Nature Center

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

Jan 16th – 16th Annual Fruit Tree Sale

The largest single-day fruit tree sale in the country let's you explore over one hundred varieties, and thousands of fruit trees acclimated to our climate and soil; [Hosted by Urban Harvest](#)

9:00AM – 1:00PM

5600 Greenbriar Drive, Houston, TX 77005

Jan 26th – Tour of the Green Building Resource Center (GBRC)

How can land conservation be congruent with building construction? A vegetated roof can retain water, and mitigate other functional losses from development. Interact with innovative building ideas on this tour!

1:00 – 2:00PM

Point of “Carpool”: Stacy Shutts

Jan 27-28th – Wild & Scenic Film Festival On Tour

“North America's largest environmental film festival, will bring two hours of beautiful, educational and inspiring films to the big screen...” [Purchase Tickets through Eventbrite.com](#)

7:00 – 9:00PM

River Oaks Theater

Point of “Carpool”: Stacy Shutts

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

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FEATURED STORY:

Catch the Runaway Rain

Michael Nielsen has partnered with JSC's Longhorn Project to earn his Eagle Scout Badge. For his final Eagle Scout Project, Michael is designing a sustainable rainwater collection system. The captured water will flow by gravity to drip irrigation lines in an effort to conserve water and gardener's time. If you're interested in volunteering to help him with his project in February, please reach him by e-mail at: Michael@niensendata.com



Rainwater Harvest Estimate

Thanks to RainSaucer for image & calculator

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?



HOW CAN I BE MORE SUSTAINABLE?

Calculate your ecological footprint! How many Earth's does it take to sustain your lifestyle if everyone in the world lived like you?

"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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