SUSTAINABILITY OPPORTUNITIES

APR 2016

In This Issue

A Look Back Before We Look Ahead

Internal NASA Links

Upcoming Events

Featured Story: *International Celebrations*

How Can I Be More Sustainable?

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

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 APR 2016

GASA @ NASA

A LOOK BACK BEFORE WE LOOK AHEAD

The enthusiasm of thirteen students and six JSC volunteers built two garden beds at the Longhorn Project on March 26th. Cardboard was laid to inhibit weed growth. The new student club, GASA, which stands for Gardening, Agriculture, Sustainability and the Arts, will be responsible for the garden maintenance. The majority of students are from the CCISD, including Clear Horizons. A junior from Clear Horizons is completing his independent study by constructing a demonstration "wicking" garden bed. By capillary action, dry soil and roots pull water from a reservoir installed beneath the soil. This technique reduces evaporation and irrigation.

Read the FY2016 Sustainability Engagement Strategy to discover ways to live, work, and play more sustainably.

INTERNAL PHOTOS & LINKS

JSC's Environmental Webpage
How do I monitor the energy usage in my JSC building?
JSC Environmental Brown Bag Presentations
JSC Environmental Newsletter Archives

UPCOMING EVENTS APR 2016

NOTE: Italics indicate a JSC internal event

Bike To Work Day *@ JSC will be on May 19th! Register early to participate in practice rides.*

Green Engineering *is coming in May! Learn the how and why of sustainable design processes.*

Apr 2nd – Trash Bash 2016!

Join local volunteers to help remove trash in and around our waterways. Register the day of at Bay Area Park.
8:30AM – 1:00PM
7500 Bay Area Blvd., Pasadena, TX 77586

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

Apr 12th - Environmental Brown Bag: Birds of the Bayou

Houston native and Stewardship Coordinator of the Armand Bayou Nature Center, Mark Kramer, will inspire you with his knowledge of birds, including egrets and herons. Matt Strausser, JSC's Wildlife Biologist, will also share which species on site are starting to nest.
12:00 – 1:00PM
B12 / Rm. 200-200A
POC: JSC Environmental Office (x36207)

Apr 12th – NASA JSC Green Team Meeting

2:00 – 3:00PM
B30/Collaboration Area
POC: Jeni Morrison

Apr 20th – JSC Earth Day

Celebrate Earth Day at this JSC's Safety, Health, and Environmental Fair! This year's theme for the booths is Zero to Hero: Zero Accidents, Zero Illnesses, Zero Waste.
10:00AM – 1:00PM
Gilruth Center

Apr 23th – Exploration Green Earth Day

Join major players in sustainability from the Bay Area, such as Trees for Houston, HPD Bike Patrol, The Galveston Bay Foundation, Clear Lake City Water Authority, and JSC!
9:00AM – 12:00PM
EG Tree Nursery @ 1721 Neptune Ln., Houston, TX, 77062

SUSTAINABILITY OPPORTUNITIES APR 2016

FEATURED STORY: *International Celebrations*

Earth Day Birthday!
April 22nd, 1970 marked the first Earth Day, coordinated by then U.S. Senator and Wisconsin native, Gaylor Nelson. After the 1969 Santa Barbara oil spill an effort emerged to raise awareness about the environment, particularly air and water pollution. This made the the foundation for the Environmental Protection Agency which was created later that year. At least 192 countries have celebrated Earth Day! Come celebrate with JSC on April 20th at the Gilruth!

100 Years Conserving Migratory Birds
Bird's borders are their habitat, so conserving migratory birds takes international cooperation. 2016 marks the Centennial of the Migratory Bird Treaty between the United States and Great Britain (for Canada). Look at JSC's photo of the month for more on the Centennial.

Local News
Re-recycle
For now, Houston recycling will carry on. One major change is the exclusion of glass from curbside pick up. Read about the continuation and change in the Houston Chronicle.

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

JSC-Sustainability@mail.NASA.gov