Welcome to the Girls RISEnet monthly newsletter, bringing you information on RISEnet resources, and our community to advance your work in creating girl-friendly science and engineering learning environments.

Earth Day and Mathematics Awareness Month
April is Mathematics Awareness Month, with the year's theme focused on the "Mathematics of Sustainability." As we wrap up the month of April, participate in activities focused on Earth Day on April 22nd and Endangered Species Day on May 17th.

Get youth involved with the International Student Carbon Footprint Challenge, hosted by Stanford University April 29th - May 10th. Encourage your students to get outside, explore and document their observations. The National Wildlife Federation has links to the Young Reporters Handbooks, with several activities on writing, photographing, and videotaping any and all exciting findings, transforming any child into a scientist!

Upcoming Girls RISEnet events
Engaging Girls in STEM: Strategies You Can Use NOW
Date: 04/26/2013
Organization: Miami Science Museum

A Conversation about Gender, Multicultural Dynamics, and Informal STEM Learning
Date: 04/29/2013
Organization: Connecticut Science Center

Celebrating Women in Science
Date: 04/29/2013
Organization: Connecticut Science Center

Engaging Girls in Science Technology Engineering and Math
Date: 11/2/2013
Organization: California Academy of Sciences in partnership with the Bernice Pauahi Bishop Museum

Visit our showcase to learn more about recent Girls RISEnet activities
Exploration Place and Carpenter Place: Learning through Forensics

AT A GLANCE
Apply for a mini-grant to expand your programming for girls
For more information about Girls RISEnet, contact Cheryl Lani Juarez.

Click on this image to connect with your regional hub.

Other STEM Events and Opportunities
EcoWomen Conference - I'm Here, What's Next: Building a Sustainable Career
May 18, 2013

National Center for Women and Information
Technology: Summit on Women and IT
Application Deadline: April 24, 2013.

About
Explore the latest resources and research on engaging girls in STEM learning

Crafting a Future in Science: Tracing Middle School Girls' Identity Work Over Time and Space
Organization: Calabrese Barton, A. et. al.

The Single Gender Debate for Girls in Science: A Comparison between Two Informal Science Programs on Middle School Students' STEM Identity Formation
Organization: Hughes, R. et. al.

What Works: Using Curriculum and Pedagogy to Increase Girls' Interest and Participation in Science
Organization: Baker, Dale

Find new engineering activities to use with girls

Engineers play a vital role in increasing the sustainability of modern day life. Below are several resources that you can explore in your programs:

- The National Academy of Engineering has created How Engineers Can Make a World of Difference: Sustainability, interviewing female bioengineer, Dr. Frances Arnold of Caltech, on the grand challenges facing engineers today.
- Use technology to explore all the environmental challenges facing our world. Check out the free educational science games designed by Arkive. They offer many engaging activities for students to use to explore science and the environment.
- Environmental engineers are in demand more than ever. For more details visit the United States Bureau of Labor Statistics.