EnviroAtlas Update Bulletin

Keep up with the latest in EnviroAtlas news

IN THIS BULLETIN: EDUCATION UPDATES

- EnviroAtlas Educational Materials | Overview and Updates, Four modules for grades 4-16
- NSTA STEM Forum & Expo | Friday, July 26th: 9:30 am and 1:30 pm sessions
- Hot off the presses! | The Solutions Journal, EPA Science Matters

Did you know that EnviroAtlas has Educational Materials?

EnviroAtlas educational modules are available for all grades, K-16, and provide students with hands-on lessons that use our interactive tools.

Recently available lessons:

- Grades 4-6: Introduction to Ecosystem Services
- Grades 9-College: Building a Greenway: Case Study

Other lessons:

- Grades K-6: Exploring Your Watershed
- Grades 4-College: Connecting Ecosystems & Human Health

Six new mini-lessons available

EnviroAtlas most recently released a suite of six mini-lessons on the concept of ecosystem services. All of the lessons are designed to be completed in 30 minutes or less and can be done independently or as a unit.
If you conduct all six mini-lessons, students will engage with the outdoors multiple times, collect data, use interactive technology from the US EPA, complete art projects, present their results, and think critically about high-level analogies to ecosystems.

Access all of the new ecosystem services lessons >>

4th and 5th grade students explore the Interactive Map during the EnviroAtlas Webquest, and examples of the lesson “Services that Stick.”

Greenway Case Study Updates

This interdisciplinary learning module promotes student discovery using available maps and data, engaging students to be collaborative decision-makers. It has been popular in high school and college classrooms and was recently updated with improvements to make it entirely available online.

- All materials have been updated with new maps
- All maps are now available online in an EnviroAtlas Featured Collection, so the entire lesson can easily be done completely online
- Access the Greenway Lesson >>
High school students participating in the "Building a Greenway: Case Study" activity

Explore all available EnviroAtlas Educational materials >>

NSTA STEM Forum & Expo, July 24-26, San Francisco, CA

Are you going to the NSTA STEM Forum & Expo? We'd love to see you there!

Here's what teachers have said about us!

- “Fantastic lesson plans, really well explained & very engaging”
- “I had no idea EPA had this data that could be used for teaching students”
Hot off the presses!

The EnviroAtlas educational materials were recently featured in the following publications.

- The Solutions Journal (May 2019)
- EPA Science Matters article, condensed from AWMA article (February 2019)

Lesson demo videos available online
The EnviroAtlas team made short demo videos for three of the available lessons so that educators can get a glimpse of them in action. Check them out from the links below:

- Overview video of all lessons
- Exploring Your Watershed (grades K-6)
- Connecting Ecosystems & Human Health (grades 4-16)
- Building a Greenway: Case Study (grades 9-16)

Interested in more EnviroAtlas educational updates? Follow along with #EPAEnviroAtlasEd

Explore all available EnviroAtlas Educational materials >>

EnviroAtlas provides geospatial data, easy-to-use tools, and other resources related to ecosystem services, their stressors, and human health.