EnviroAtlas Database

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Summary: EnviroAtlas is a collection of interactive tools and resources that allow users to explore the many benefits people receive from nature, often referred to as ecosystem services. EnviroAtlas is an online application with data housed in EPA's GeoPlatform. The URL is http://enviroatlas.epa.gov/EnviroAtlas.

Key components of EnviroAtlas include:

- A multi-scaled Interactive Map with broad scale data for the lower 48 states and fine scale data for selected communities;

- The Eco-Health Relationship Browser, which shows the linkages between ecosystems, the services they provide, and human health;

- Ecosystem services information, GIS and analysis tools, and written resources

EnviroAtlas contains over 300 data layers for the contiguous U.S. and over 90 data layers for selected communities.

The intended outcomes of EnviroAtlas include the following:

- *Jumpstart innovation by providing wealth of data*

  - supplement research across many organizations

  - increase development of proprietary and non-proprietary tools by outside organizations by allowing them to tap into EnviroAtlas data and tools

- *Boost "environmental intelligence"*

  - convey uses and benefits of green infrastructure, including benefits to human health and wellbeing

  - utilize systems thinking to reveal co-benefits and unintended consequences

  - advance the state of the science on the role of ecology in public health

- *Increase community empowerment*

  - provide easy public access to environmental data and analytical tools

  - post and integrate community data with national data

  - contrast and learn from conditions in other regions, communities and neighborhoods

EnviroAtlas

What is EnviroAtlas?

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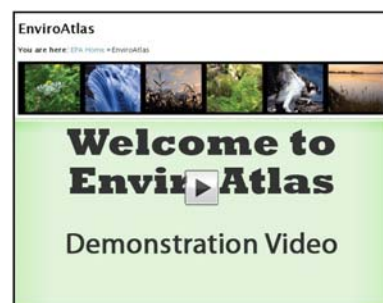- Ecosystem services information, GIS and analysis tools, and written resources

Why is EnviroAtlas useful?

Though critically important to human well-being, ecosystem services are often overlooked. EnviroAtlas seeks to measure and communicate the type, quality, and extent of the goods and services that humans receive from nature so that their true value can be considered in decision-making processes.

Using EnviroAtlas, many types of users can access, view, and analyze diverse information to better understand how various decisions can affect an array of ecological and human health outcomes. EnviroAtlas is available to the public and houses a wealth of data and research.

Learn how to use EnviroAtlas

Watch the EnviroAtlas demonstration video to learn more about the Interactive Map and its functions.

- See how people are using EnviroAtlas
- Browse the available EnviroAtlas data (22pp, 210K, About PDF)

About Us

EnviroAtlas is a collaborative project developed by EPA, in cooperation with the US Geological Survey (USGS), the US Department of Agriculture's Natural Resources Conservation Service (NRCS) and Forest Service, and Landscope America. Produced by the collective effort of federal employees, contractors, and non-governmental organizations, EnviroAtlas develops and incorporates data from federal, state, community, and non-governmental organizations.

Meet the EnviroAtlas team...

Learn more about EnviroAtlas...

Navigating EnviroAtlas

- What are ecosystem services?
- How to use EnviroAtlas
- EnviroAtlas data
- Downloadable GIS tools

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- Resources and publications
- Status of EnviroAtlas
- FAQs
- Tell us what you think

EnviroAtlas Interactive Map

Click here
for map

Eco-Health Browser

Click here
for browser

Related Links: General

- Research at EPA
  - Ecosystems Research
  - Health Science Research
  - Promoting Sustainability at the EPA
  - Tampa Bay Ecosystems Research

More links

Disclaimer

This is the first release of EnviroAtlas; the content will continue to be updated and may not be fully reviewed.

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