EnviroAtlas Beta-test Survey

Introduction

Thank you for agreeing to beta-test EnviroAtlas! Your feedback is critical to the success of EnviroAtlas and we appreciate you taking the time to provide that feedback.

This survey should take roughly 15 minutes to complete and will ask you questions regarding your experience with the EnviroAtlas components you accessed during your beta-test. This may include your thoughts on the following: EnviroAtlas content, Interactive Map navigation and maps, and suggestions for improvement. We hope to use your responses to better understand our user-base and to improve EnviroAtlas where possible. You can choose to remain anonymous in this survey, meaning that you are not required to provide your email address. It is up to you whether you would like to receive follow-up emails regarding EnviroAtlas. You are not obligated to answer any questions aside from question one. The data collected from this survey are intended to be used internally at the US EPA and will not be distributed to any other parties.

Thank you for your help with improving EnviroAtlas!

Use of EnviroAtlas

1. While exploring EnviroAtlas, which of the following did you use/access? *

- [ ] Demonstration Video
- [ ] Website content / webpages
- [ ] Eco-Health Relationship Browser
- [ ] Fact Sheets
- [ ] Interactive Map

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2. Please select one of the following that most closely resembles your beta-test. If you had a question in mind, please provide details.

- ○ I was just perusing EnviroAtlas and did not have a question in mind.
- ○ I had a particular question in mind while exploring EnviroAtlas.

Content

3. Please tell us the level to which you agree or disagree that the following EnviroAtlas webpages were "Informative". To review the webpages again, click on the title, and the webpage will open in another browser window.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Did not view content	Don't know
EnviroAtlas Home page	○	○	○	○	○	○	○
"How to Use EnviroAtlas" page	○	○	○	○	○	○	○
Ecosystem Services pages	○	○	○	○	○	○	○
Tools and Resources pages	○	○	○	○	○	○	○
Frequently Asked Questions page	○	○	○	○	○	○	○

4. Please tell us the level to which you agree or disagree with the following statements regarding the demonstration video:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Don't know
The demo video was a useful introduction to the Interactive Map.	○	○	○	○	○	○
The length of the video was appropriate.	○	○	○	○	○	○

I would like to see demo videos on specific topics that can be explored in the Interactive Map.	○	○	○	○	○	○

5. EnviroAtlas organizes the benefits provided by ecosystems into the categories seen on the left-hand side of the matrix below. Please tell us whether you learned something new about any of the following benefit categories and where you learned that information. Check all that apply.

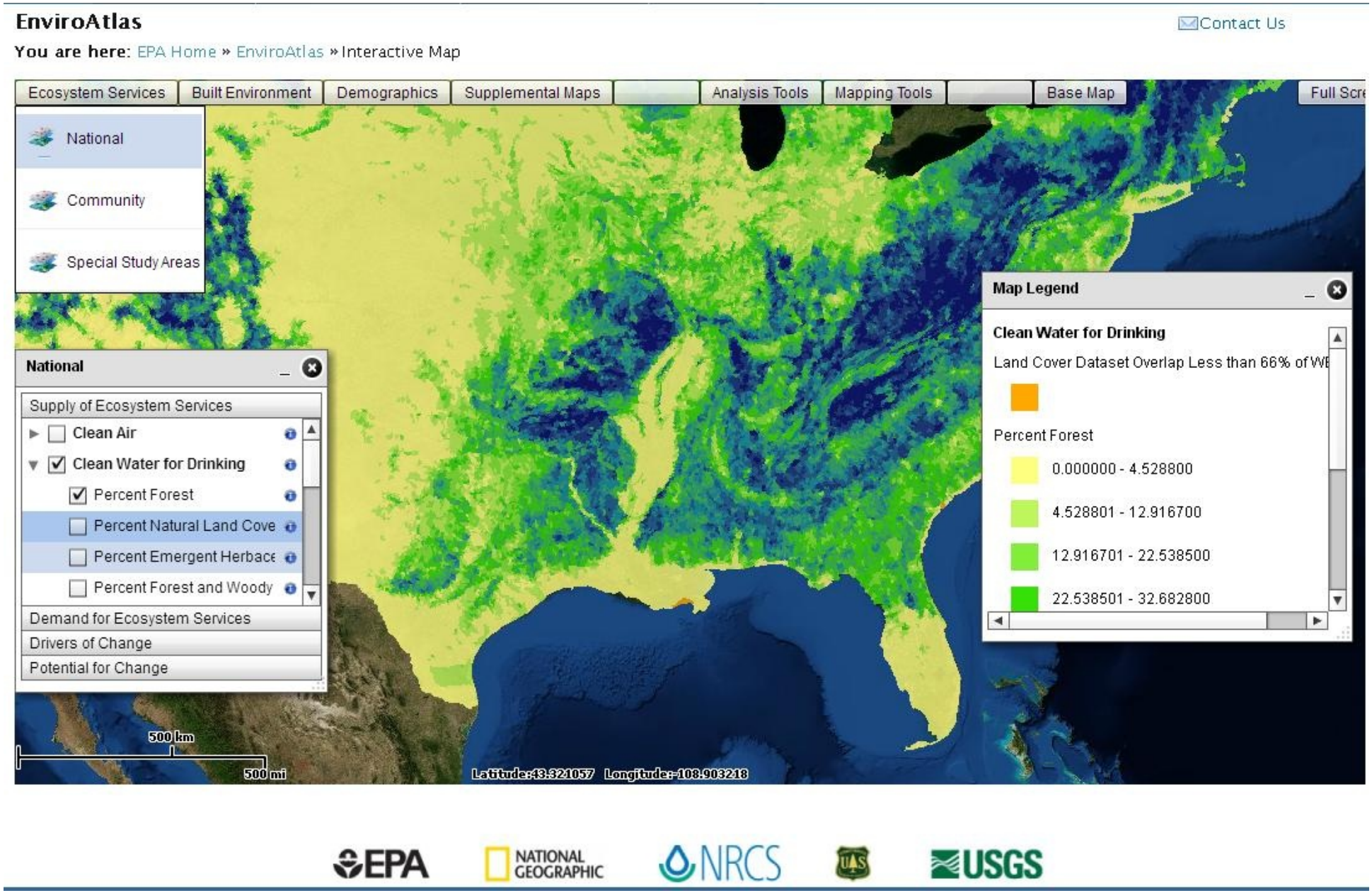
	Eco-Health Relationship Browser	Fact sheets	Interactive Map	Web page content
Clean air	☐	☐	☐	☐
Clean and plentiful water	☐	☐	☐	☐
Natural hazard mitigation	☐	☐	☐	☐
Climate stabilization	☐	☐	☐	☐
Recreation, culture, and aesthetics	☐	☐	☐	☐
Food, fuel and materials	☐	☐	☐	☐
Biodiversity conservation	☐	☐	☐	☐

6. Please let us know if you have any comments/suggestions regarding the content of EnviroAtlas. (You will have additional opportunities during the survey to provide comments on other aspects of EnviroAtlas.)

Interactive Map

This an example image of the EnviroAtlas Interactive Map. Please answer the following questions based on your experience with the

Interactive Map. To view the Interactive Map again, click anywhere on the image.



To view the Interactive Map again, click anywhere on the image.

7. Please tell us the level to which you agree or disagree with the following statements:

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	N/A	Don't Know
The interactive map was easy to use.	○	○	○	○	○	○	○
It was easy to find the maps I was looking for.	○	○	○	○	○	○	○
The legend made sense to me.	○	○	○	○	○	○	○
It was easy to zoom in/zoom out.	○	○	○	○	○	○	○
The fact sheet increased my understanding of the map.	○	○	○	○	○	○	○
It was easy to access the fact sheets.	○	○	○	○	○	○	○
It was easy to access the web services.	○	○	○	○	○	○	○
It was easy to access the metadata.	○	○	○	○	○	○	○
The organization of the maps (table of contents) made sense.	○	○	○	○	○	○	○

8. Which of the following are you most interested in using (check all that apply)?

- ☐ National maps summarized by subwatershed (12-digit HUC)
- ☐ Community maps summarized by census block group
- ☐ Community maps not summarized by census block group
- ☐ Maps on demographics
- ☐ Supplemental maps (e.g., Boundaries, GAP protected lands)
- ☐ Special Study Area maps (e.g., Passamaquody, Puerto Rico)
- ☐ None of these / Unsure

9. Please let us know if you have any comments/suggestions regarding the Interactive Map. Was there anything that did not function properly? Could you easily bring up maps and use them?

Future Use

10. I would likely use the following EnviroAtlas components in the future (check all that apply).

- [ ] Ecosystem Services pages/Eco-wheels
- [ ] Eco-Health Relationship Browser
- [ ] National data layers [Interactive Map]
- [ ] Community data layers [Interactive Map]
- [ ] Fact sheets
- [ ] Web services - Display EnviroAtlas maps and data in other online applications without having to download the data.
- [ ] Analysis tools
- [ ] None of these
- [ ] Other

11. I would likely use EnviroAtlas to do the following (check all that apply):

- [ ] Download data layers
- [ ] Make maps for printing
- [ ] Conduct data analysis (graphs, charts, statistics, etc)
- [ ] Access research on the benefits of ecosystem services
- [ ] Learn more about general trends from the community data
- [ ] Learn more about general trends from the national data
- [ ] Learn about specific issues (e.g., water quality, biodiversity)
- [ ] Outreach
- [ ] Classroom curriculum
- [ ] Public demonstration
- [ ] Explore topics of personal interest
- [ ] Other

12. We would like to create use cases (real life scenarios of projects that can be completed using EnviroAtlas) that are relevant to our users. If you can, please provide an example of a project that you are currently working on or previously worked on where EnviroAtlas would have been helpful.

Analysis Tools

13. We plan to have multiple analysis tools in EnviroAtlas. A selection of these tools is below. Please read the descriptions and rank these tools in the order of your interest in them (1 being the highest). To rank, click and drag to the right. If you are not interested in a tool, do not rank it.

Drag items from the left-hand list into the right-hand list to order them.

ATtlLA - Use EPA's ATtlLa tool with your own data to calculate commonly used landscape metrics, such as the percent of land that is covered by wetlands, forest, agriculture or impervious surfaces; miles of roads in close proximity to streams; land cover of stream buffers, etc.
Ecosystem Services Analyzer – Graphically compare the relative amounts of multiple

ecosystem services (calculated by tool above) that the HUCs or census block groups provide.
Index Values Creator- Indices such as "walkability index" or a "water balance" index that statistically combine metrics into a single index value to indicate relative value of certain ecosystem services or other attributes within a HUC or block group.
Ecosystem Rarity Toolkit - Use this tool in the Interactive Map to evaluate the relative ecosystem rarity for a selected area.
Future Scenarios - Simulate conditions under potential scenarios such as growth or sea level rise to visualize the impact to ecosystem services within HUCs or block groups.
Scatter Plots – Compare data from multiple metrics in scatter plots for selected HUCs, census block groups, or spatial extent of viewed map.
Watershed Summary Report - View a detailed summary of the data available for an individual watershed.
Wetland Restoration Tool - This would allow you to analyze the potential of a selected area for wetland restoration.

Comments

Potential Additions/Improvements

14. We are considering adding additional features to EnviroAtlas. Please rank these features in the order of their potential importance/contribution to EnviroAtlas (1 being the highest).

Drag items from the left-hand list into the right-hand list to order them.

Add Data - The ability to add your own data to the Interactive Map to be displayed along with EnviroAtlas data.
Multiple Map Viewer - The ability to select up to four maps to display on the screen at the same time, allowing the user to view multiple metrics for a given area at the same time.
Clip & Ship - To select specific block groups or subwatersheds (12-digit HUCs) and download the data for the selected areas.
User Community - To share data with other EnviroAtlas users, create discussions, or ask questions of other users.
Save User Profile - The

ability to create a user id and password that would allow you to save map selections and/or analysis to be accessed again later.

15. If we chose **one** area to focus on to improve the EnviroAtlas Interactive Map, what should it be? Please provide examples if you have them.

- ○ Additional maps / data (e.g., sea level rise) _____
- ○ Additional analysis capability (e.g., clean water index) _____
- ○ Additional communities _____
- ○ New widgets (e.g., find an address) _____
- ○ Other _____

16. What would keep you from coming back to use Interactive Map (check all that apply)?

- ☐ I currently use other tools/ resources
- ☐ I have access to better data elsewhere
- ☐ Not enough data relevant to my field/discipline
- ☐ I'm not sure what I would use it for
- ☐ Other _____

17. If you have any additional comments or suggestions regarding EnviroAtlas, please provide them here.

Personal Information

18. For record keeping, we are interested in knowing who beta-tested EnviroAtlas. If interested, please provide us with your affiliation.

Affiliation (optional)

19. What area(s) do you work in?

Primary

-- Please Select --
Agriculture / Fishing / Wildlife
Air Quality
Biodiversity
Biotechnology
Business / Professional Services
Climate
Computers (Hardware, Desktop Software)
Communications
Conservation
Ecology
Ecosystem Restoration
Ecosystem Services
Education
Energy
Engineering
Environmental Sciences
Forestry
Geographic Information Systems (GIS)
Landscape Ecology
Land-use
Marketing / Market Research / Public Relations
Non-Profit
Parks / Recreation
Public Health
Research / Science
Restoration
Sustainability
Telecommunications
Transportation
Urban Planning
Water Resources
Waste Management
Web Development
Wetlands Management
Other

Secondary

-- Please Select --
Agriculture / Fishing / Wildlife
Air Quality
Biodiversity
Biotechnology
Business / Professional Services
Climate
Computers (Hardware, Desktop Software)
Communications
Conservation
Ecology
Ecosystem Restoration
Ecosystem Services
Education
Energy
Engineering
Environmental Sciences
Forestry
Geographic Information Systems (GIS)
Landscape Ecology
Land-use
Marketing / Market Research / Public Relations
Non-Profit
Parks / Recreation
Public Health
Research / Science
Restoration
Sustainability
Telecommunications
Transportation
Urban Planning
Water Resources
Waste Management
Web Development
Wetlands Management
Other

20. What is your job position?

-- Please Select --
Administrative/Support personnel
Advocate
Analyst
Communications
Consultant
Director
Educator
Engineer
Manager
Planner
Regulator/Policy-maker
Researcher
Student
N/A - Unemployed/Retired/Homemaker

21. How did you find out about EnviroAtlas?

- EPA email
- Webinar/presentation
- Live demo/pilot
- Listserv
- From a friend/colleague
- Other

Contact and Sharing

22. Would you like to receive updates on EnviroAtlas?

- Yes
- No

23. Would you like to continue to provide feedback on EnviroAtlas (i.e. answer targeted questions to improve certain content/functionality)?

- Yes
- No

24. Please provide your email address for future contact.

Thank You!

Thank you for completing our survey! We hope to use your input to inform future changes to EnviroAtlas.