

Update | April 2020



EnviroAtlas Update Bulletin

Keep up with the latest in EnviroAtlas news

IN THIS UPDATE

- [Happy Earth Day](#) from EnviroAtlas!
- [Ways to get outside](#)
- [In-depth training webinar](#) | April 28th
- [Publications & data highlights](#)






Happy Earth Day from EnviroAtlas!



Both Earth Day and [the EPA](#) are turning 50 this year. We've come a long way with technology since 1970! EnviroAtlas is a great example of how the EPA has put accessible technology into the hands of the American people. [Explore EnviroAtlas!](#)

Ways to get outside when you are staying at home

We have free education lesson plans, mini-lessons and activities for you and your at-home learners! [Check out our free materials](#) which have outdoor learning components, including *Ecosystem Services Bingo*, pictured below.

		Ecosystem Services <small>card 1</small>			Bonus points for details: _____	
Find something that... (and fill in what the item is that you saw. Each box must have something filled in to count. Bonus points available for descriptions and/or details of the item.)	B	I	N	G	O	
	Can positively impact air quality:	Can promote social interaction: 	Can positively impact water quality: 	Can be like a filter:	Can be used for shelter for humans:	
	Has economic value (\$): 	Can provide recreation: 	Can be used for raw materials:	Can reduce effects of flooding:	Can reduce effects of hot days:	
	Can promote physical activity:	Promotes engagement with nature:	FREE SPACE	Can be used as a source of energy:	Can provide food for humans:	
	Promotes positive human health outcomes (which ones?):	Can inspire art:	Has associations with reductions in respiratory symptoms: 	Has associations with reductions in stress/anxiety (how?):	Can provide aesthetic value:	
	Can provide habitats for species (extra points for naming a species!):	Can provide habitats to pollinators (extra points for naming a pollinator!):	Can help to filter pollutants that may affect water quality:	Has been found to have associations with healing:	Can inspire writing:	

Training webinar on April 28th



[Join us for an in-depth training webinar on April 28th.](#) This webinar is a follow up to the January 15th Introduction to EnviroAtlas webinar. Missed the January webinar? A recording can be found [here](#).

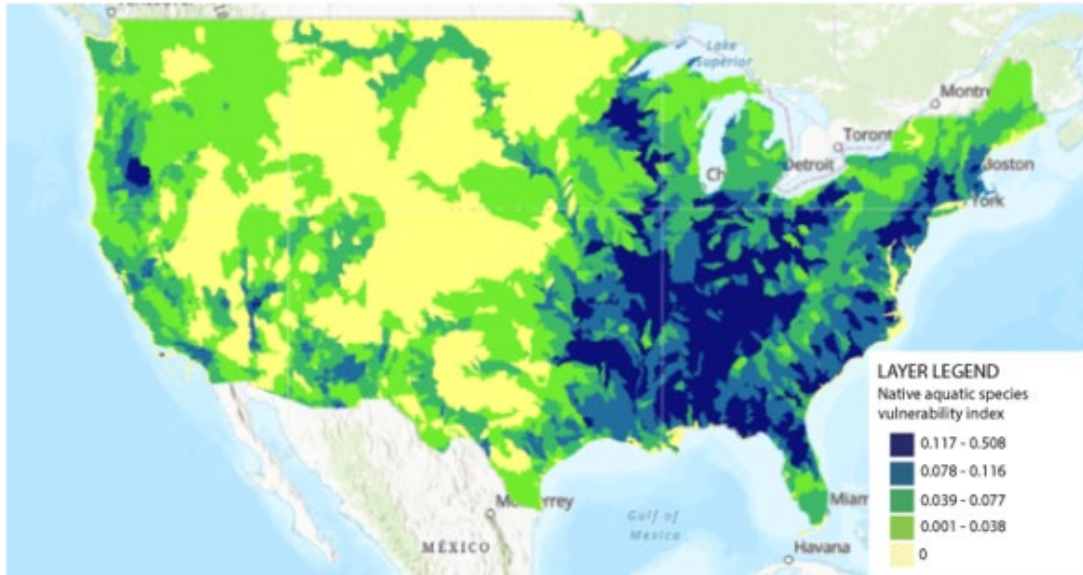
Publications & data highlights

Publication updates

Check out 5 of our more recent publications from 2019-2020, and stay tuned for upcoming publications!

1. Wickham, J., et al. "Accuracy assessment of NLCD 2011 percent impervious cover for selected USA metropolitan areas." *International Journal of Applied Earth Observation and Geoinformation* 84 (2020): 101955.
2. Myer, Mark H., et al. "Mapping *Aedes aegypti* (Diptera: Culicidae) and *Aedes albopictus* Vector Mosquito Distribution in Brownsville, TX." *Journal of medical entomology* 57.1 (2020): 231-240.
3. Cochran, Ferdouz, et al. "A Community EcoHealth Index from EnviroAtlas Ecosystem Services Metrics." *International journal of environmental research and public health* 16.15 (2019): 2760.
4. Hartley, Jenna, et al. "Using EnviroAtlas to Build K-12 Environmental Literacy" *The Solutions Journal* 10.2 (2019).
5. Tsai W-L, et al. "Associations between types of greenery along neighborhood roads and weight status in different climates." *Urban Forestry and Urban Greening* 41 (2019):104-117.

Data highlights



EnviroAtlas has a broad array of data available for public use, including a native aquatic species vulnerability index for different regions across the US. These indices highlight areas where freshwater biodiversity may be at risk, and where there may be corresponding threats to freshwater quality.

[Explore data in the Interactive Map >>](#)

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