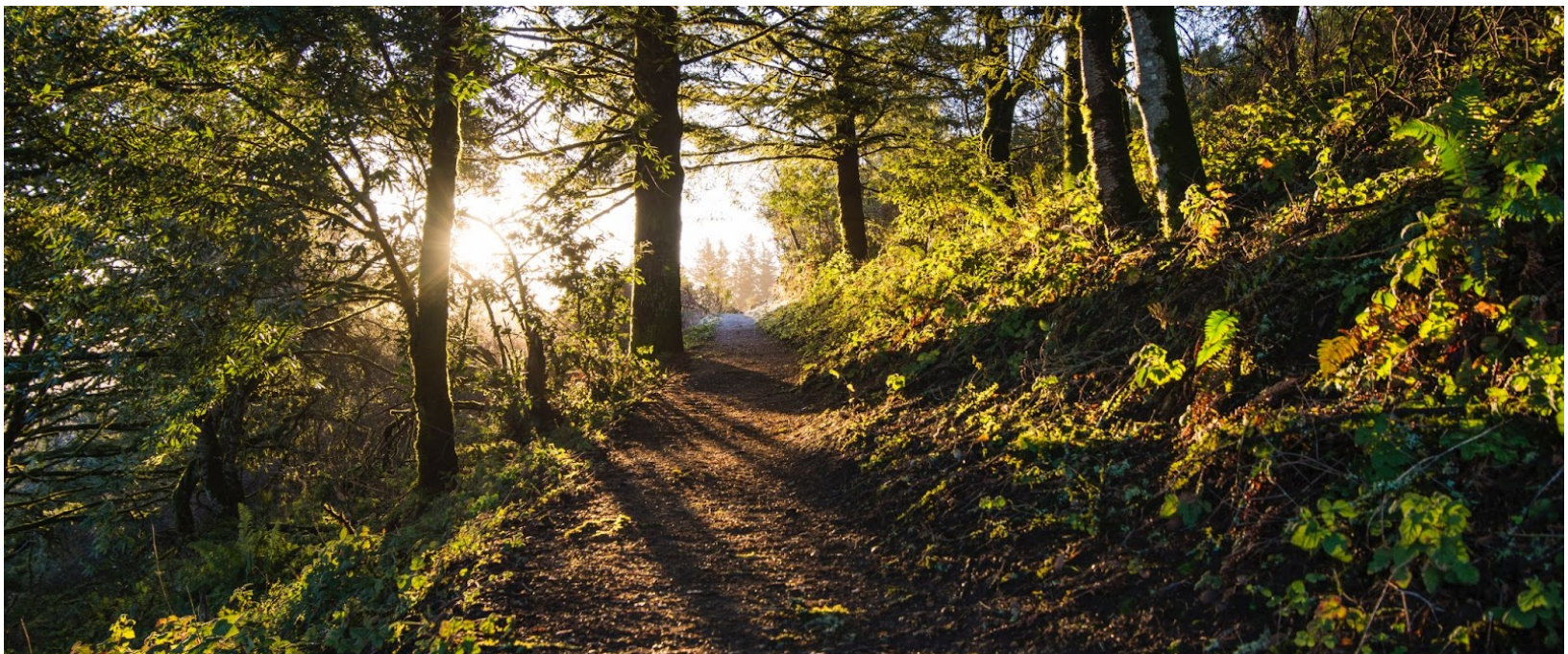


April 23, 2024

# Welcome to the Fourth Edition of the Edgewood Environmental Club Newsletter!



## **About the Club!**

Through short-term and long-term goals, we can positively impact the environment of our school and community. We plan to create a school culture of environmental consciousness by sending out weekly/monthly newsletters to inform families and students how they can live a more environmentally sustainable lifestyle.



## Club Progress

As the school year is nearing an end, the Environmental Club concludes its first year as a reestablished club. During the school year, the club has established a close-knit community, collaborated with many teachers and organizations, and promoted greater environmental consciousness throughout our RBBCSC campus. This year was a great learning experience, sprouting

perseverance despite several setbacks. We anxiously look forward to tackling environmental concerns with returning and new members during the 2024-2025 school year. Thank you to everyone for continually supporting the Environmental Club this year!

---

## State News

An article from in.gov states, “Cars and trucks are significant sources of carbon monoxide, nitrogen oxides, particulate matter, and volatile organic compound emissions.” With the many farms in Indiana, the use of tractors is more significant than in other states. These vehicles are affecting the air we breathe. Chemicals in the air are a cause of destruction to the ozone layer and climate change in our area. Not only vehicles but machines used for work release smoke that also damages the air we breathe. It has been proven that the Clean Air Act has helped this issue greatly. Epa.gov states, “New passenger vehicles are 98-99% cleaner for most tailpipe pollutants compared to the 1960s.” Changes can be made and there are solutions to stop the polluted air.





---

## National News



As we move into the warmer months, the weather begins to fluctuate. Researchers have found that “Stroke deaths in the United States increased 26% between 2011 and 2021.” It has been suggested that the rise in these deaths is linked to climate change, or that maybe climate change has increased the risks of stroke. “Lower temperatures cause a person’s blood vessels to constrict, increasing blood pressure. High blood pressure is a primary risk factor for stroke. On the other hand, higher temperatures can cause dehydration, which thickens and slows blood factors also associated with stroke.” At this time, further research is currently underway, but we know that we need to find ways to eliminate these risks, as well as lower climate change to live healthier lives in a much healthier environment.

---

## Global News

Brazil’s popular tourist and natural sea wildlife destination, Japaratinga, has slowly been taken over by the issue of coral bleaching due to global warming's impact on sea temperatures. Bleaching is the process of high water temperatures steadily causing corals to release the vibrant algae that grow in their tissue. This kills the coral reefs which causes much of that species to die, along with killing many other sea animals due to them losing their habitat and food source. This has spread all across the Coastal Coral, and to many other places like Maragogi where according to the US News, “fish and prawns have all declined with the bleaching and high temperatures” which is also referring to the higher ocean



temperatures. Not only does it destroy lots of sea life and coral reefs, but this problem has also affected Brazil's tourism which has an income of hundreds of millions of dollars. Coral bleaching is yet another effect of Global Warming, and it is slowly taking over any chance that Brazil has to save its wildlife. This affects lots more than just surrounding coral, but miles and miles of sea life, and the decrease of tourism and money that comes in for Brazil.

---

### **Text Resources**

[https://www.in.gov/sba/files/Air\\_Quality.pdf](https://www.in.gov/sba/files/Air_Quality.pdf)

<https://www.epa.gov/transportation-air-pollution-and-climate-change/accomplishments-and-successes-reducing-air>

<https://www.usnews.com/news/health-news/articles/2024-04-11/climate-change-may-be-fueling-a-rise-in-stroke-deaths>

<https://www.usnews.com/news/news/articles/2024-04-15/scientists-say-coral-reefs-around-the-world-are-experiencing-mass-bleaching-in-warming-oceans>

### **Image Resources**

<https://www.envirotech-online.com/news/environmental-laboratory/7/breaking-news/how-does-agriculture-pollute-the-air/59400>

Ethan Dow - <https://unsplash.com/photos/green-trees-during-sunrise-2JLN11-aHmM>

[https://www.google.com/imgres?q=sunrise%20stock%20photo&imgurl=https%3A%2F%2Ft3.ftcdn.net%2Fjpg%2F01%2F84%2F20%2F58%2F360\\_F\\_184205846\\_wR34GtVxyXyeBW8rjDz8DXcWTblIMMq9.jpg&imgrefurl=https%3A%2F%2Fstock.adobe.com%2Fsearch%3Fk%3Dsunrise&docid=oszfbef9p7Q86M&tbnid=q-2-3uXgeVKIgM&vet=12ahUKEwigopGe89WFAxVk\\_8kDHaBRDIMQM3oECC4QAA..i&w=540&h=360&hcb=2&ved=2ahUKEwigopGe89WFAxVk\\_8kDHaBRDIMQM3oECC4QAA&safe=active&ssui=on](https://www.google.com/imgres?q=sunrise%20stock%20photo&imgurl=https%3A%2F%2Ft3.ftcdn.net%2Fjpg%2F01%2F84%2F20%2F58%2F360_F_184205846_wR34GtVxyXyeBW8rjDz8DXcWTblIMMq9.jpg&imgrefurl=https%3A%2F%2Fstock.adobe.com%2Fsearch%3Fk%3Dsunrise&docid=oszfbef9p7Q86M&tbnid=q-2-3uXgeVKIgM&vet=12ahUKEwigopGe89WFAxVk_8kDHaBRDIMQM3oECC4QAA..i&w=540&h=360&hcb=2&ved=2ahUKEwigopGe89WFAxVk_8kDHaBRDIMQM3oECC4QAA&safe=active&ssui=on)

<https://www.viagenscinematograficas.com.br/wp-content/uploads/2017/11/Japaratinga-Dicas-1.jpg>