



Appreciating Earth

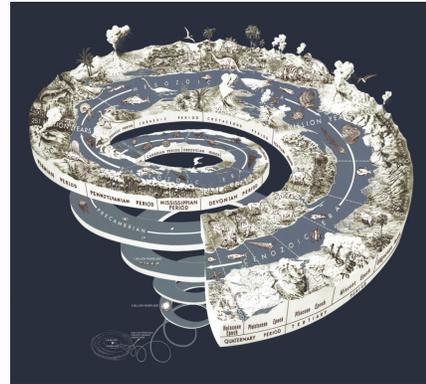
Through Appreciating Earth I foster environmental awareness, scientific knowledge, & planetary appreciation. We all consciously & unconsciously change the environment, Earth education helps us understand how we impact our planet.

Join me to Appreciate Earth!

Awareness is a prelude to respect, projected into the world as appreciation

The Evolution of Resourceful Homo sapiens

On Earth, an ecosystem has evolved that includes a wide variety of animals, plants, protists, fungi, bacteria, and Archaea. Earth life is diverse and we Homo sapiens are a result of billions of years of biological evolution that has left behind clues of its transformation in the form of rocks & fossils...Amazingly we have gathered enough pieces of four and a half billion years of Earth history to sufficiently allow us to understand the evolution of our planet. We learned how the planet formed, oceans evolved, continents grew, generations of plankton died to form oil, animals evolved bones that would be fossilized, and forests evolved and formed layers of coal...We have learned that everything on our planet is a resource, and have developed products using plants, animals, fungi, protists, bacteria, Archaea, minerals, rocks, and fossils...Homo sapiens are resourceful, but we need to be more discerning about which resources we use...**READ ON & MAKE SUSTAINABLE CHOICES**



WAYS TO REDUCE PLASTIC



- Carry reusable shopping bags
- Shop in bulk
- Carry reusable water bottle
- Use cloth rags, no paper towels
- Say no to plastic produce bags
- Choose milk in returnable bottles
- Bring your own travel mug
- Buy sustainable toothbrushes
- Carry lunches in reusable containers
- Buy sauce in glass containers
- Carry reusable drinking straws
- Switch from disposable diapers to cloth
- Bring your own container for food
- Make your own cleaning products
- Switch to bar soap instead of liquid soap
- Make your period waste-free

dreamstime.com ID 204307477 © Gmv1314

Plastic Free July!

For one month can you avoid single use plastics? Trying and succeeding will positively affect your health & support environmental sustainability.

Upcoming Appreciating Earth Geology Walks

Only for Appreciating Earth members! Learn about time, rocks & Earth evolution in Sonoma & Marin Counties

Geology of North Sonoma Mountain Regional Park

Friday, July 29th

10:00am-1:00pm

\$36 per person paid online in advance

7 people max

[Click here to sign up!](#)



OLLI How Geology Formed California

For those 50 years or better who love to learn
No homework or exams

Thursday, August 4th

10:00am-11:50am via zoom

[Summer Registration open!](#)

Register **online** or via phone 707-664-2691

California has great geographic diversity that reflects the geologic history of the state and the formation of western North America. We will take a tour through California, virtually visiting provinces of the state to discover how tectonic plate interactions, earthquakes, volcanic eruptions, and climate change have built the rocky foundation of the state over millions of years. Why are the Sierra Nevadas so tall and when did they begin to grow? What has caused recent volcanism? When did the San Andreas Fault form? Why is the Central Valley so flat? Time travel with a geologist through the evolution of California and learn how the rocks reveal a geologic & climatic history of an evolving landscape in which mountains grow, oceans recede, and environments shift preserving the remains of mammoths, saber tooth tigers, marine reptiles, and dinosaurs.

OLLI Fall 2022 at SSU

The Age of the Reptiles

Fridays 1-3pm

September 16th - October 21st

[Fall registration date](#)



Contact me at: nicolepele@hotmail.com or via www.appreciatingearth.com