



Extraction of Oil and Minerals in the Ecuadorian Amazon Rainforest Impact, Process, and Environmental Concerns

from The Sustainables Academy



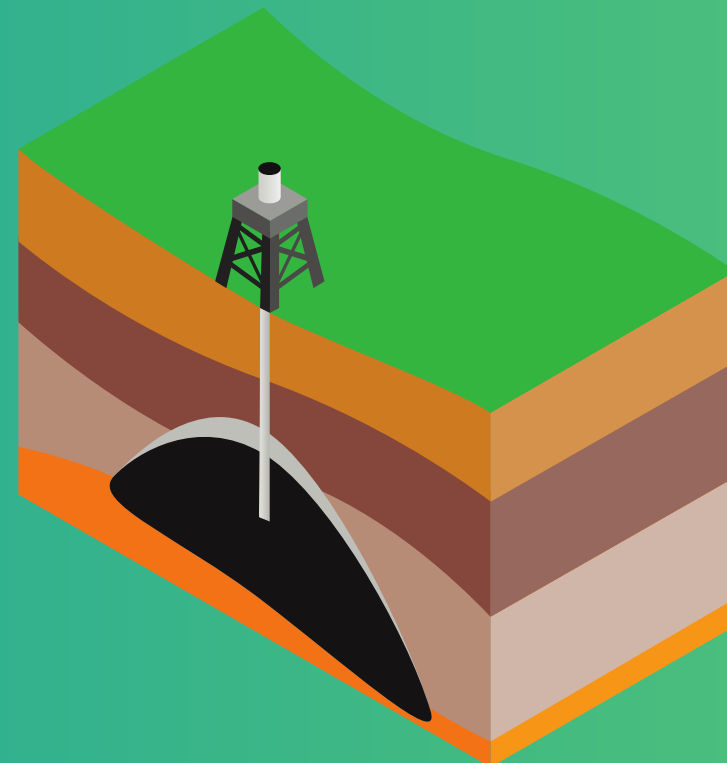
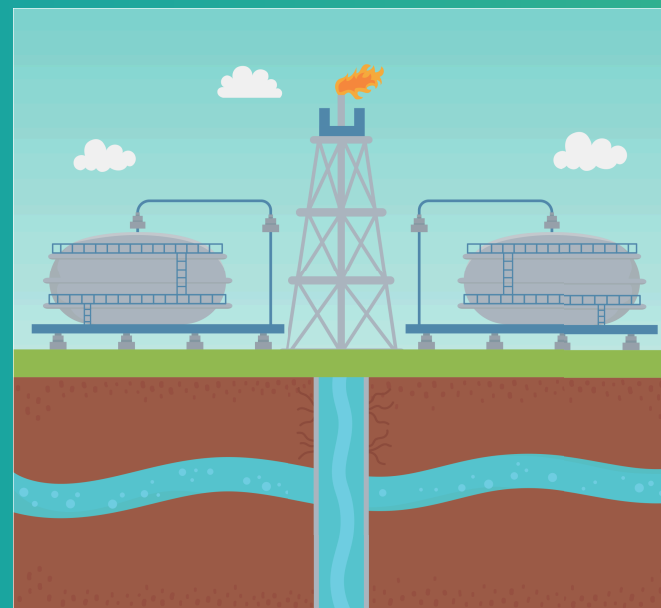
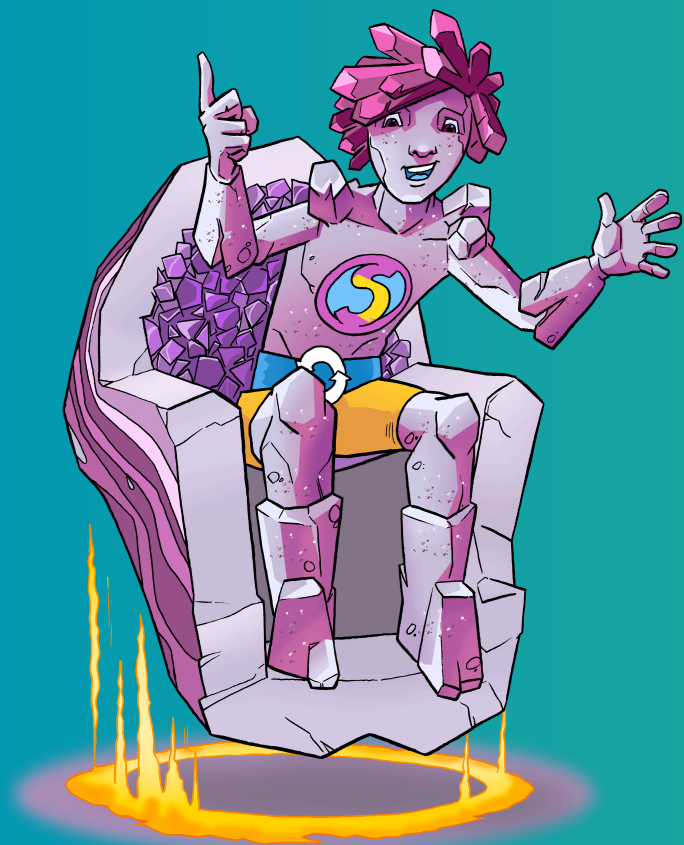


The Amazon Rainforest is
one of the most
biodiverse places on Earth.
It covers several
countries in South America,
including Ecuador.
It is home to thousands
of plant and animal species.

What is Oil Extraction?



Oil extraction involves drilling into the earth to reach oil deposits. The oil is then pumped out and transported for refining.

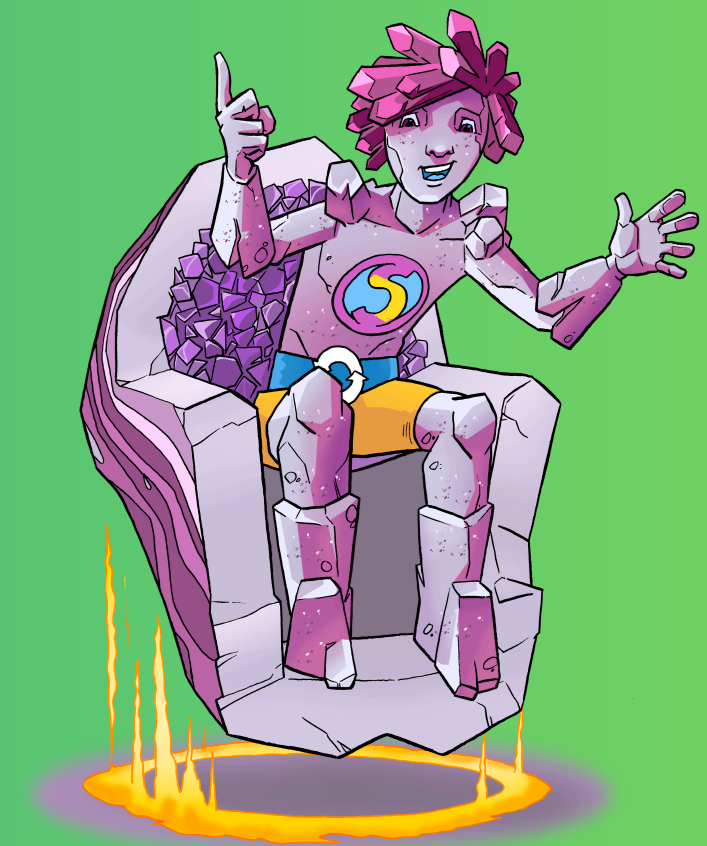


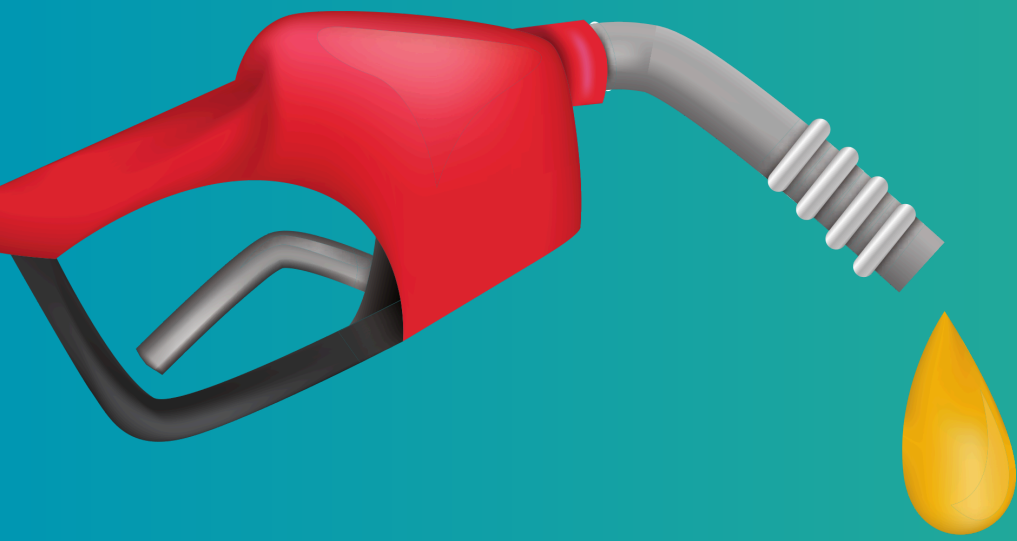
Tankers transported on
The Amazon River



What is Mineral Extraction?

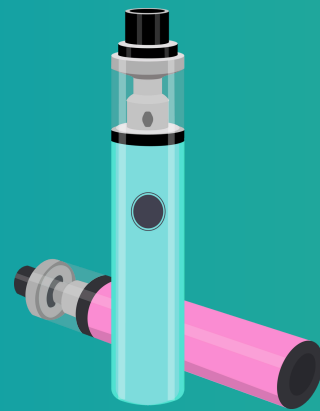
Mineral extraction involves removing minerals like gold, copper, lithium and others from the ground. It can be done through mining techniques like open-pit mining and underground mining.



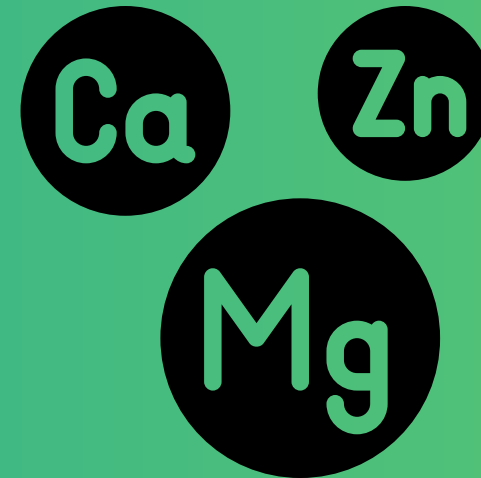


Why Extract Oil and Minerals?

Oil is used for fuel, polymers, and products such as clothing and plastics.



Minerals are used in electronics, construction, and various industries.



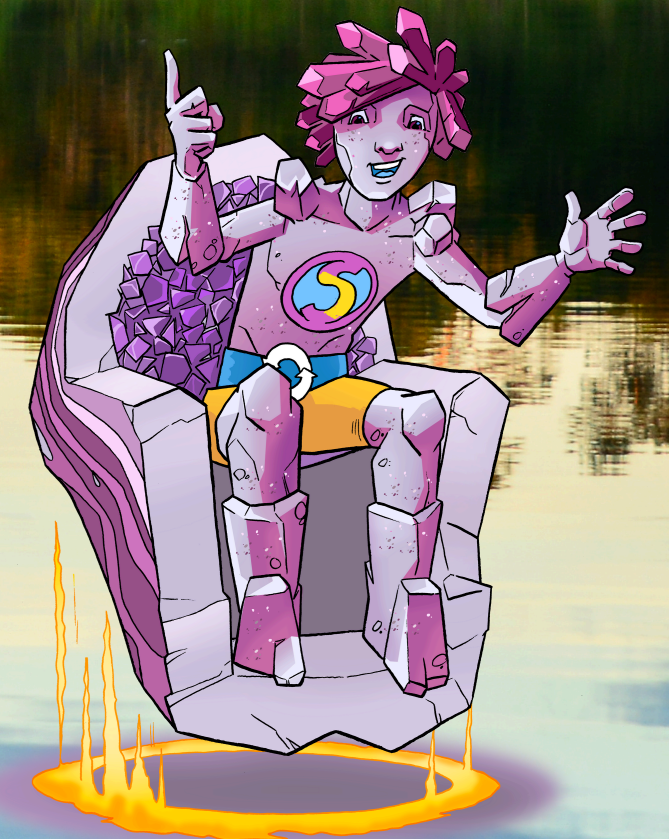
Locations in Ecuador

The Ecuadorian Amazon Rainforest has rich deposits of oil and minerals.

Major extraction sites include Yasuni National Park and other regions



Can you imagine mining here?





Environmental Impact

Deforestation:

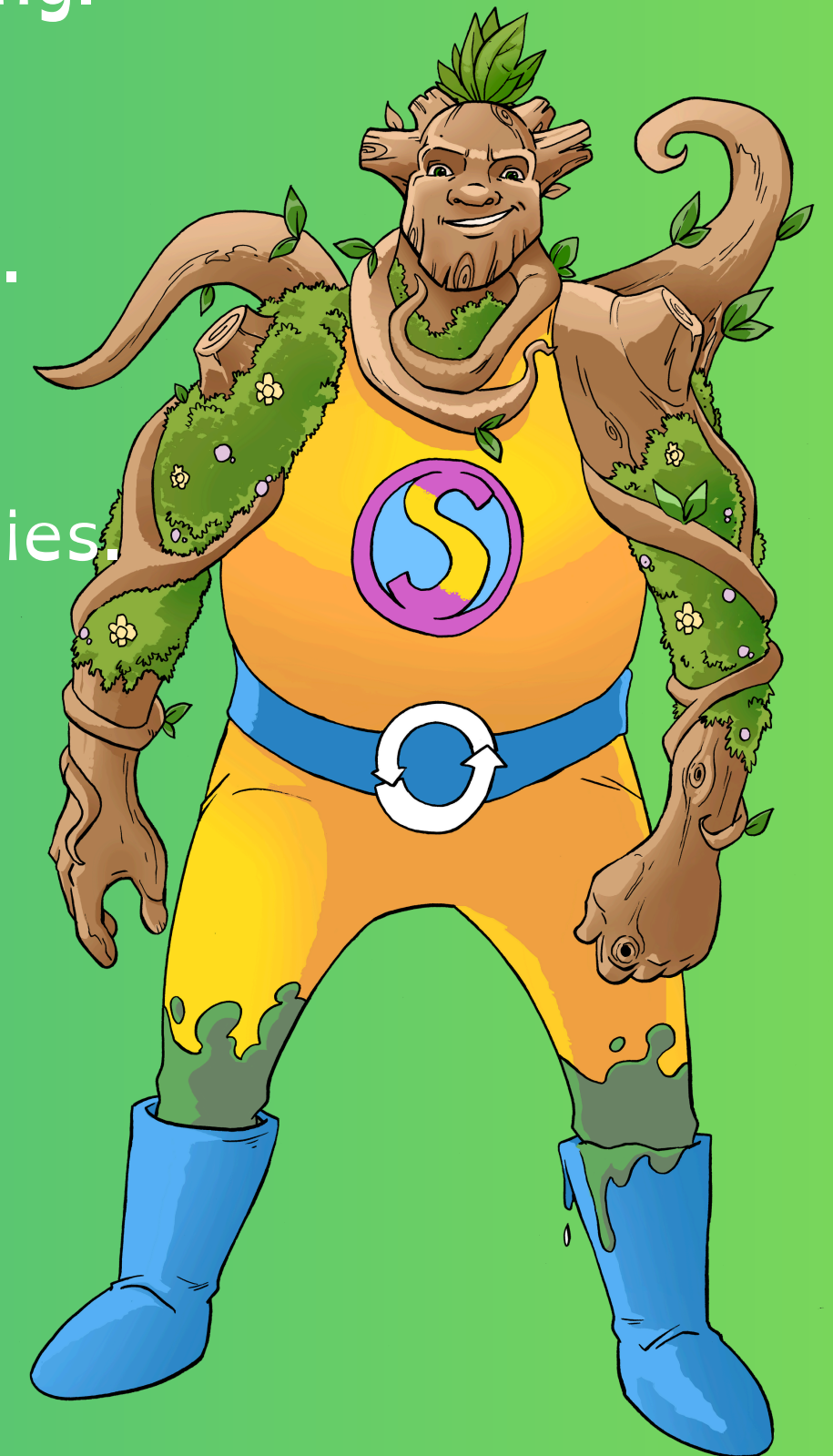
Cutting down trees to make way for drilling and mining.

Pollution:

Oil spills and mining waste can harm water and soil.

Loss of Biodiversity:

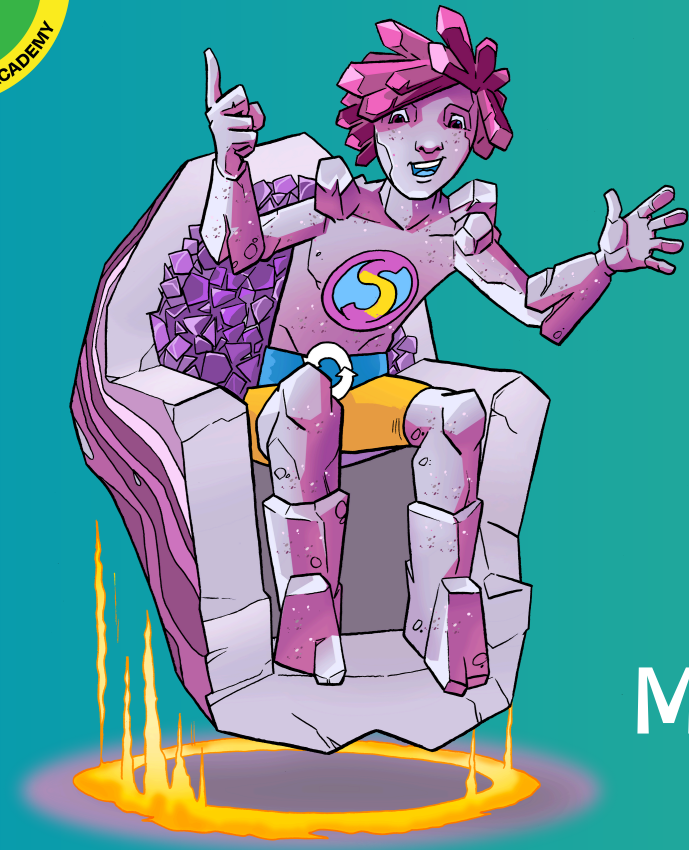
Destruction of habitats affects plant and animal species.



Impact on Indigenous Communities

Indigenous people live in the
Amazon Rainforest.
Oil and mineral extraction
can
disrupt their way of life,
leading to loss of land and resources.





Efforts to Protect the Amazon

Many organizations and governments are working to protect the Amazon.

Sustainable practices and conservation efforts are being promoted. It is so important to make our resources circular rather than linear





The extraction of oil and minerals is a complex issue with economic benefits and environmental costs. It is important to balance development with the protection of our natural resources.

We must be Earth Stewards of our earth resources to protect the natural world .





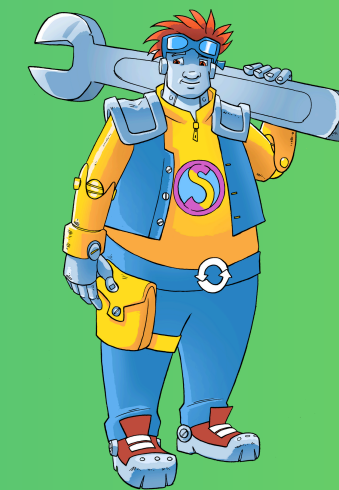
What did you find most interesting
about oil and mineral extraction?



How can we help protect the
Amazon Rainforest?



How can we preserve
minerals metals and oil already extracted?





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