

# Natural Resources

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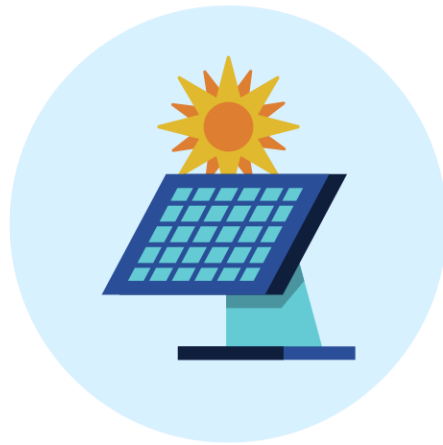
# What are Natural Resources?

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Natural resources are resources that exist without any actions of humankind. Thus water, air, soil, minerals, coal, forests, crops, and wildlife are all examples of natural resources.

# Classifications

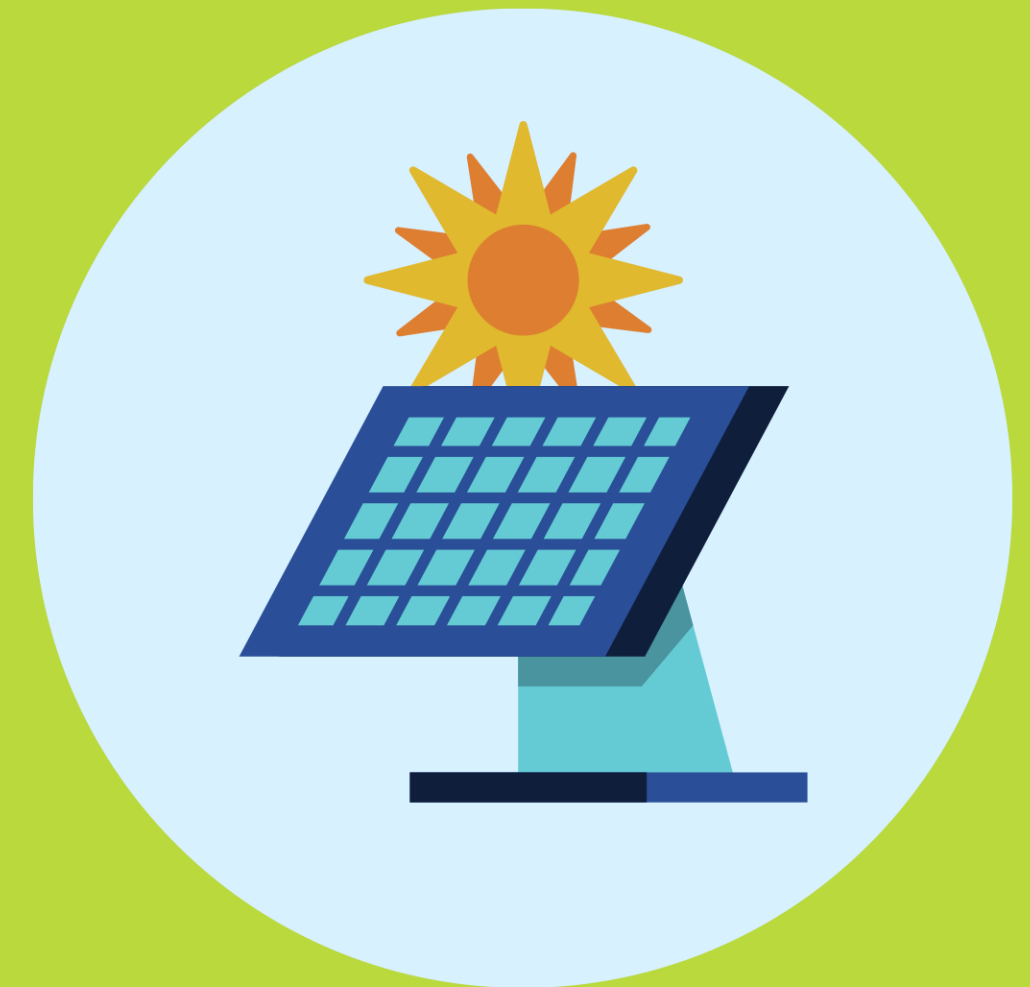
## Renewable Resources & Non-Renewable Resources

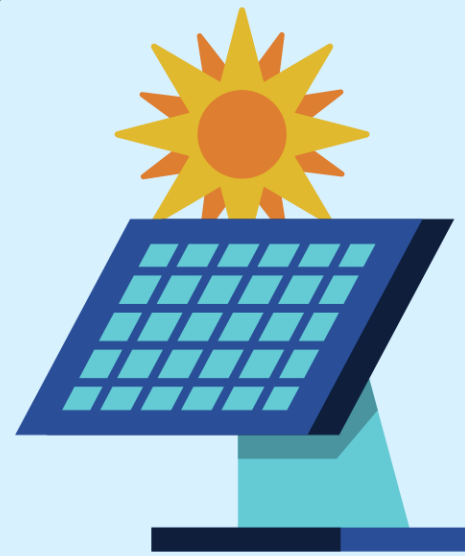


**Renewable resources are naturally replenished over time and can be used sustainably, while nonrenewable resources are finite and can be depleted if used at a rate faster than their replenishment.**

# Renewable Resources

Renewable resources are naturally replenished and include things like solar energy, wind, water, geothermal heat, and biomass. These resources are essential for sustainable energy production, as they don't deplete over time like non-renewable resources.





## Solar Energy

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Since earth formed, the sun has produced energy in the form of heat and light. It is considered unlimited

## Wind Power

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Wind is moving air created as the sun heats the earth's surface. As long as the sun is shining, the wind remains an infinite, renewable resource.





## **Flowing Water**

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Creates energy that can be captured and turned into electricity which is called Hydroelectric power. Water is constantly renewed by the water cycle

## **Geothermal Energy**

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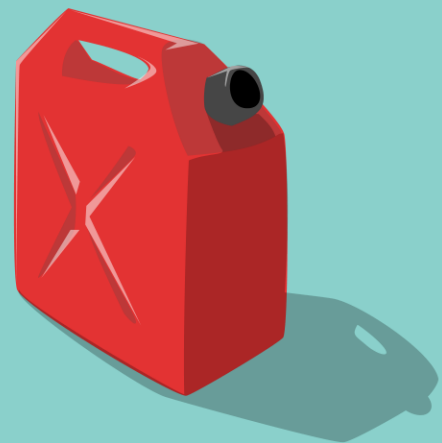
The earth is constantly being warmed up by its core so when we use geothermal energy, we don't use up resources like we do when we burn gas.





## Non-Renewable Resources

- A natural substance that is not replenished with the speed at which it is consumed.
- Ex. oil, natural gas, coal, and nuclear energy



## Oil

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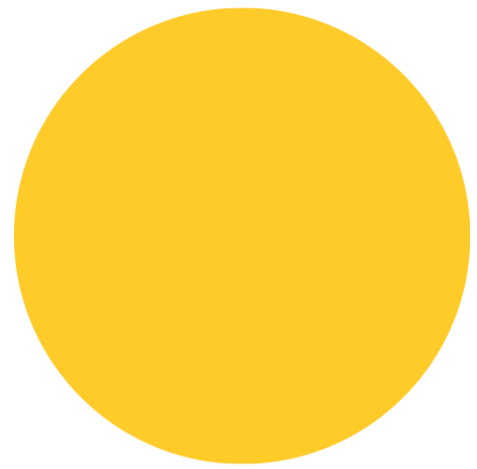
Oil is a liquid fossil fuel. Most of the worlds oil is still deep under the ground.

## Coal

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Coal is a black or brownish rock. We burn coal to create energy

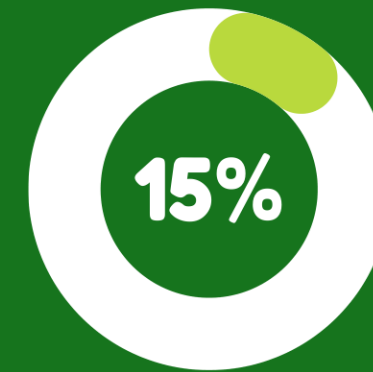




# Resources Available to Us



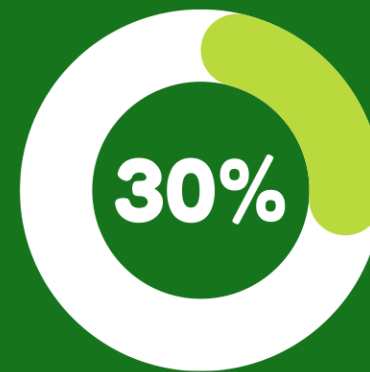
Land Resources



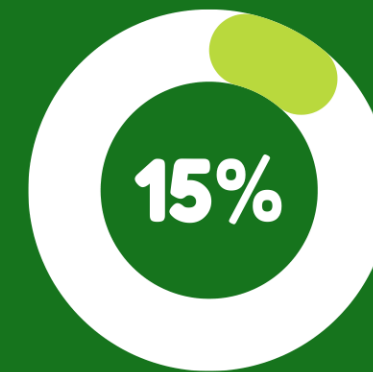
Natural Gas



Animal Resources



Forest Resources



Wind Energy



Solar Energy



# Why are Natural Resources Important?

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Without natural resources humans would not survive. People use natural resources every day directly or indirectly.

More than

**60%** of

resource use are  
towards food and drink,  
mobility (cars, trains),  
and housing.



