

## Word Wall

**Anthropocene:** a proposed geological epoch that begins when human activities started to have a significant global impact on Earth's geology and ecosystems.

**Consumer footprint:** also known as *ecological footprint*, this is a measure of human impact on Earth's ecosystems, often measured in the amount of natural resources consumed each year. Can include *carbon footprint* and *water footprint*.

**Extraction:** the action of removing something, especially using effort or force

**Fossil fuel:** a natural fuel formed in the earth from dead organisms, such as plants and animals; examples include coal, oil, and natural gas

**Industrial agriculture:** Intensive farming or agriculture characterized by large, highly specialized farms that are run like factories, using large amounts of fossil fuels, pesticides, and synthetic fertilizers

**Petrochemicals:** chemical products derived from petroleum; major petrochemicals include acetylene, benzene, ethane, ethylene, methane, propane, and hydrogen, from which hundreds of other chemicals are derived.

**Sustainable development:** economic development that is conducted without depletion of natural resources; meeting the needs of the present without compromising the needs of future generations