

Environmental Sustainability

- reduce, recycle, reuse
- generate energy efficiently
- utilize renewable energy
- green environment
- composting material
- collecting rainwater
- ILSB
- Use less resources
- Turn off water not being used
- three pillars
- maintaining needs now w/o compromising future

3 parts: social, economic, environmental

Jack Johnson

R, R, R

in put = out put

Three R's

RENEWABLE RESOURCES

DON'T CAUSE A PROBLEM

Future generations need to solve

- Decrease waste
- Solar panels/Lights
- Wind mill

works w/ built environment

Knowledge is **power**

food resources

air quality

using pesticides to control pest populations in crops.

3 pillars

- new inventions
- carbon footprint
- LEED = ILSB
- efficient but expensive
- campus promotion

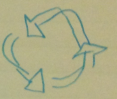
Don't use more than Environment can produce

SUMMARY

Environmental sustainability promotes economic, social, and environmental well-being. It focuses on reducing resource consumption, minimizing waste, and utilizing renewable energy sources. Key strategies include the 3 R's (Reduce, Reuse, Recycle), LEED certification, and maintaining needs without compromising the future.

Reduce, Reuse, Recycle

- Chick-fit-A Benches!
- Starbucks recycles everything behind counter.
- promotes sustainability
- plastic pollutes oceans
- reduces waste in landfill
- reduce consumption = reduced waste
- reusing materials helps decrease the use of raw materials.
- reducing = best method
- JACK Johnson
- Campus promotion
- Ink cartridges
- e-waste - most dangerous → illnesses
- receipts can't recycle
- MARION U-BIKE
- BOOK DRIVES
- Rudy's BBQ - reuse cups
- Niles News
- Composting
- Chick fi La Gps
- campus buses
- MSC compostable cups
- most important: buying
- reduce the amount of waste to begin w/
- reduce to the most essential step
- Starbuck recycles
- Composting everything
- Spoons in India
- Pass down clothing
- buying, collecting, manufacturing
- most imp = buying
- Bryan Walmart recycling reducing landfill waste
- Jack Johnson good
- Keat belt purse
- Reduce
- Reuse
- Recycle
- girl w/ no trash (mason jar)
- Chick-fit-A benches from cups



Air

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Pollution

- deforestation
- PM
- Ozone
- Carbon Monoxide
- Clean Air Act
- Stratosphere
- troposphere

water vapor

second-hand smoke

greenhouse gases

Hong Kong - water cycle

very smoggy - particulate matter

Mexico - Sulfer Dioxide

Smog

NITROUS OXIDE NO₃

ACID RAIN

Bad / good OZONE

Air Quality Index

Air Quality Guidelines

• A&I app

• CO₂ emissions

• deforestation affect on air

• XBOX, por toction

• Pigeon's that track air quality (London)

- less Copenhagen has more bikes than people

air pollution due to more cars!

Cardiovascular disease

Lung cancer

cars

smoking

China

particulate matter (pm)

catastrophic ambient

pigeon backpacks

- Mexico - no car for a day, but didn't work

• pollution

• smog

• particulate mat

• O₃

• wild fire

• nitrous oxide

• q/n

• sulfur dioxide