

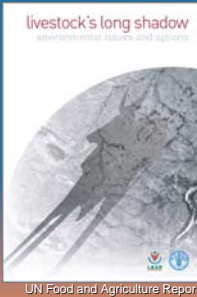
HOW EATING MEAT WARMS THE PLANET

GREENHOUSE GAS EMISSIONS

- One third of all US oil and gas is used for animal agriculture.
The Audubon Society, 2005

- Per unit of protein, chicken requires 23 times more fossil fuel than soy.
University of Chicago Study, "Diet, Energy and Global Warming", 2006

- Total meat consumption has increased five-fold in the past 50 years.
WorldWatch Institute, 2004



GLOBAL WARMING

The Best Kept Secret



THE GLOBAL WARMING DIET

- The standard American diet, relatively high in meat and dairy, might as well be called the Global Warming Diet.
Michael F. Jacobson, Center for Science in the Public Interest, 2006

- Given the amount of energy consumed raising, shipping and selling livestock, a 16 oz. T-bone is like a Hummer on a plate.
Time magazine, 2007



photo by Julie Soefer courtesy of "Supersize Me"

- Plant-based diets are safe, and probably nutritionally superior to mixed diets deriving a large fraction of their calories from animals.
University of Chicago Study, "Diet, Energy and Global Warming", 2006



photo courtesy of Vegan Outreach

- If Americans face the connections between diet and the planet by eating less meat, they could provide a rare act of leadership in slowing global warming.
Daniel Nepsstad, Senior Scientist, Woods Hole Research Center, 2006

What you eat matters more than what you drive

- Livestock produce methane through natural digestive processes and their waste produces nitrous oxide.

- Taking all greenhouse gas emissions into account, the average American's diet adds 1.5 more tons of CO₂-equivalent than a plant-based diet each year (while the average American's car adds only 1 more ton of CO₂-equivalent than a Prius).

University of Chicago Study, "Diet, Energy and Global Warming", 2006

DEFORESTATION

- Tree loss reduces the planet's ability to absorb CO₂.

- 80% of worldwide tree loss is due to livestock grazing and planting feed grains.

Dr. David Pimentel, Cornell University Professor of Ecology, 1998



photo courtesy of Greenpeace

- Every minute, the equivalent of seven football fields of land is bulldozed for the world's livestock.
Smithsonian Institution, 2002

Worldwide Greenhouse Gas Emissions:

Animal Agriculture = 18%

Transportation = 13%

UN FAO Report, Livestock's Long Shadow, 2006

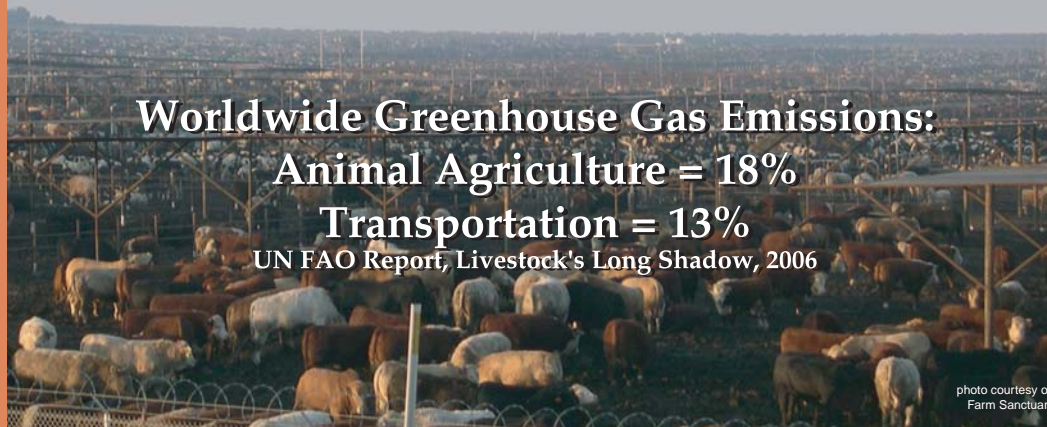


photo courtesy of Farm Sanctuary

OTHER ENVIRONMENTAL FACTORS

- Animal agriculture uses 30% of the earth's land surface.

UN FAO Report, "Livestock's Long Shadow", 2006

- Irrigating feed grains and raising livestock consume over half of the fresh water in the US.

Bioscience, 2004

- Worldwide, meat production is the #1 cause of soil erosion.

UN FAO Report, "Livestock's Long Shadow", 2006



photo courtesy of Farm Sanctuary

- Livestock production is the largest source of water pollutants, principally animal wastes, antibiotics, hormones, chemicals from tanneries, fertilizers and pesticides used for feed crops and sediments from eroded pastures.

UN FAO Report, "Livestock's Long Shadow", 2006