



Save the Earth Voice™

2007 NEWSLETTER FOR THE SAVE THE EARTH FOUNDATION

For more than 20 years the **Save The Earth Foundation** has raised awareness of environmental issues through its mass media awareness programs. The 501(c)(3) non-profit organization fundraises tirelessly to support vital research at U.S. colleges and universities, including the UCLA's Department of Environmental Health Sciences (EHS).

Dr. Richard F. Ambrose, Professor in the Department of Environmental Health Sciences and Director of the Environmental Science and



Engineering Program (ESE) at UCLA says the faculty is interested in the link

between infectious diseases and global warming.

Beginning in 1990, Dr. Ambrose's interest in protecting sensitive ecosystems led him to begin collecting information about the ecology of California's rocky shores as a baseline for detecting changes attributed to global warming.

His interests in the link between global warming and public health, especially increases in the risk of infectious diseases, has led the faculty at UCLA to discuss how to incorporate the assessment of ecosystem health into the

curriculum of the Environmental Health Sciences Department.



According to ESE faculty member Dr. Arthur Winer, "The effects of climate change,

for example in the Arctic, are advancing more rapidly than even we scientists expected. Each of us can take steps in our own lives to reduce our contributions to greenhouse gas emissions and global warming, especially those contributions associated with the use of fossil fuels. These steps range from something as simple as replacing incandescent lights with compact fluorescent light bulbs to buying high mileage vehicles (full hybrids) and energy-efficient appliances, as well as installing solar electric systems in our homes."

"Since the U.S. produces about 25% of all greenhouse gas emissions, while only constituting about 5% of the world's population, collectively we can have a significant impact in reducing overall GHG emissions."

For a full list of past Save The Earth Foundation recipients, visit us online at www.SaveTheEarth.Org

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10 WAYS YOU CAN HELP TO SAVE THE EARTH!

1. Turn down your water heater. For every 10 degrees, you save 6% of the energy used. The recommended setting is 130°.
2. Put a plastic bottle in your toilet tank. You can save between 3,000 and 5,000 gallons of water a year. (Don't use a brick, because bricks can dissolve and clog up the water system.)
3. Install low-flow faucet aerators and showerheads. A family of four can save 17,000 gallons of water a year.
4. Keep your car's tires properly inflated. You will increase gas efficiency by up to 5%. About 50% of America's cars have under-inflated tires. If they were all inflated properly, we could save up to 2 billion gallons of gasoline a year and prevent up to 40 billion pounds of carbon dioxide, the primary "greenhouse gas," from entering the atmosphere.
5. Bring your own shopping bag. It takes a 15 year-old tree to provide 700 grocery bags and grocery shoppers use billions of bags each year.
6. Eliminate waste before you buy. Packaging waste accounts for about one-third of all the garbage Americans send to landfills. For a start, buy eggs in cardboard not Styrofoam cartons, and beverages in recyclable glass or aluminum containers.
7. Recycle cans, glass and paper. The energy saved from one recycled aluminum can will operate a television set for three hours.
8. Replace a regular (incandescent) light bulb with a compact fluorescent light bulb. It uses a quarter of the energy, will last 10 times longer, and it will keep a half-ton of carbon dioxide out of the atmosphere over the life of the bulb.
9. Buy rechargeable batteries for household use. Americans use 2 billion disposable batteries a year and 75% of them contain mercury, a highly toxic substance that can leak from landfills into soil and ground water.
10. Set the blades higher on your lawn mower. Forget the manicured look, and cut the grass two to three inches high. This encourages the roots to grow deeper and helps retain moisture in the soil, requiring less water.



Reduce. Reuse. Recycle