

WHY A

CIMW Green Team



- Environmental advocacy
- Environmental justice
- Regardless of race, ethnicity, income or education level
- A person's access to clean air, water or soil should be a human right

➤Why a Green Team?

The concept of Green Team's work on.....

- environmental advocacy has the goal of realizing “environmental justice.”
- Environmental justice is the fair treatment and meaningful involvement of all people –
- regardless of race, ethnicity, income or education level – in environmental decision-making.
- At the core of this work is a simple proposition: a person's access to clean air, water or soil should be a human right.

SCRIPTURE - Isaiah 65:17-25

This passage shares a vision of a world where people live in justice, peace and integrity with Creation.

- God is the creator of all things .**
- The earth is invited to bring forth vegetation, and it does.**
- Creation is orderly and structured for a purpose.**
- In the Bible water is a gift.**
- Water cannot be monopolized or privatized.**

➤Scripture – Isaiah 65:17-25

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➤From “The Message” by Peterson. "Pay close attention now: I'm creating new heavens and a new earth. All the earlier troubles, chaos, and pain are things of the past, to be forgotten.

Look ahead with joy. Anticipate what I'm creating: I'll create Jerusalem as sheer joy, create my people as pure delight.

I'll take joy in Jerusalem, take delight in my people: No more sounds of weeping in the city, no cries of anguish;

No more babies dying in the cradle, or old people who don't enjoy a full lifetime; One-hundredth birthdays will be considered normal - anything less will seem like a cheat.

They'll build houses and move in. They'll plant fields and eat what they grow.

No more building a house that some outsider takes over, No more planting fields that some enemy confiscates, For my people will be as long-lived as trees, my chosen ones will have satisfaction in their work.

They won't work and have nothing come of it, they won't have children snatched out from under them. For they themselves are plantings blessed by God, with their children and grandchildren likewise God-blessed.

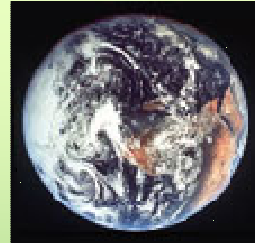
Before they call out, I'll answer. Before they've finished speaking, I'll have heard.

Wolf and lamb will graze the same meadow, lion and ox eat straw from the same trough, but snakes - they'll get a diet of dirt! Neither animal nor human will hurt or kill anywhere on my Holy Mountain," says God.



- How to plan environmentally responsible events.....
- QUESTIONS – What about?
 - Water?
 - Containers? Plastics/foam/china
 - Heat/Cooling?
 - Car-pooling?
 - Use of hardcopies/online references?
 - Chlorine-free paper?

EVENTS



**2008 Earth Day Fair
Washington, DC - April 24,
International Pulp Week
San Francisco, CA - May 4-7, 2008
Sustainability- A Roundtable Discussion
University of Miami - January 31st,
2008**

**Earth Day April 22, 2008 -
UC Cooperative Extension helps protect
the planet**

➤ Events

- 2008 Earth Day Fair,
Washington, DC – April 24
- International Pulp Week
San Francisco – May 4-7

Pulp pollution remains a serious problem. The pulp and paper industry is one of the largest and most polluting industries in the world; it is the third most polluting industry in North America. Pulp mills are voracious water users. Their consumption of fresh water can seriously harm habitat near mills, reduce water levels necessary for fish, and alter water temperature, a critical environmental factor for fish. Mill owners say they are unable to institute water conservation and recycling because the concentrated effluent would kill fish.

- Sustainability – A roundtable discussion – University of Miami – January 31, 2008
- Earth Day April 22, 2008 – UC Cooperative Extension helps protect the planet

Home-grown tomatoes help reduce carbon footprint
 UC scientists look at new biofuel crop for California
 Bee-ing friendly to honey bees on Earth Day
 Food safety versus environmental protection
 Low carbon diet in California's future
 Crop circles a sign of environmental stewardship in California
 Sustainable farming practices to enrich soils, reduce pollution



- Home-grown tomatoes help reduced carbon footprint.
- You reduce the costs of driving to the store, costs related to producing and shipping commercial tomatoes, and environmental costs contributing to global warming.
- UC scientists look at new biofuel crop for California.
- Switchgrass may be an option for growers who would like to farm marginal lands with saline groundwater irrigation. "If an economic crop can be grown with those conditions, that would be a good fit.
- Bee-ing friendly to honey bees on Earth Day-
- Native plants that are important sources of nectar in California include the sages, wild buckwheat and the Christmas berry. Be sure that their foraging environment isn't contaminated with industrial pollutants, residues of agricultural pesticides or hydrocarbon emissions from vehicles. Don't select plants for your garden that are toxic to honey bees.
- Food safety versus environmental protection –
- Dilemma - Protecting the earth is getting harder for growers on California's Central Coast, where the need to ensure food safety is in conflict with environmental rules aimed at improving water quality and wildlife habitat. In response to a number of food safety outbreaks — most recently an *E. coli* outbreak associated with bagged spinach in September 2006 that killed three people and sickened 200 others.
- Low carbon diet in California's future –
- Researchers know there are several sectors of the food system that use energy and create carbon emissions. The big ones are production, processing, distribution/transport, and then home preparation and waste.
- Crop circles a sign of environmental stewardship in California –
- Center-pivot irrigation didn't prosper in California for a variety of reasons , but, conservation tillage, is a farming practice that reduces or eliminates tilling the soil. Instead of tilling, crops are planted in the residue of a previous season crop or a cover crop. The residue keeps the soil more porous, allowing for quicker water infiltration. In addition, the dead plant material on the soil surface reduces evaporation, so farmers don't need to apply as much water.
- Sustainable farming practices to enrich soils, reduce pollution. –
- California is the second largest emitter of greenhouse gases in the United States, of which an estimated 6 percent of carbon dioxide and 59 percent of nitrous oxide emissions are from agricultural activities. The adoption of subsurface drip irrigation, which decreases water use and has the potential to cut greenhouse gas emissions, is increasing in the Central Valley but still is less than 15 percent of all irrigation,

Some Environmental Justice Problems We Are Facing Today

- **Diminishing landfill space**
- **Air and water pollution**
- **Natural resource depletion**
- **Toxic poisoning of neighborhoods**
- **Pervasiveness of cancer, asthma, and learning disabilities in children**

- **Some Environmental Justice Problems we are facing today are.....**
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What Can We Do?

- Practice garbage prevention
 - Reduce disposables
 - Repair not replace
- Recycle and buy recycled
- Maintain zero tolerance for producing toxins-avoid products bleached with chlorine, such as paper
- Avoid plastics: disposable, decorative, plastic wrapped
 - Use recyclable plastics: milk/soda bottles
 - Use compostable plastics: food storage/garbage bags, party cutlery, foam shipping peanuts
- Conserve energy
- Produce and consume locally grown food
 - Family farms or farmer's markets

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Household Cleaning Toxic-Free Solutions:

- Baking soda
- Washing soda
- Borax
- Lemon juice
- White vinegar

Drain Opener

- Use a drain strainer
- Flush drain weekly
- Pour a $\frac{1}{2}$ cup of baking soda into drain, then add a cup of vinegar; it will start to fizz. Follow with mixture of two cups boiling water and salt. Repeat if necessary.

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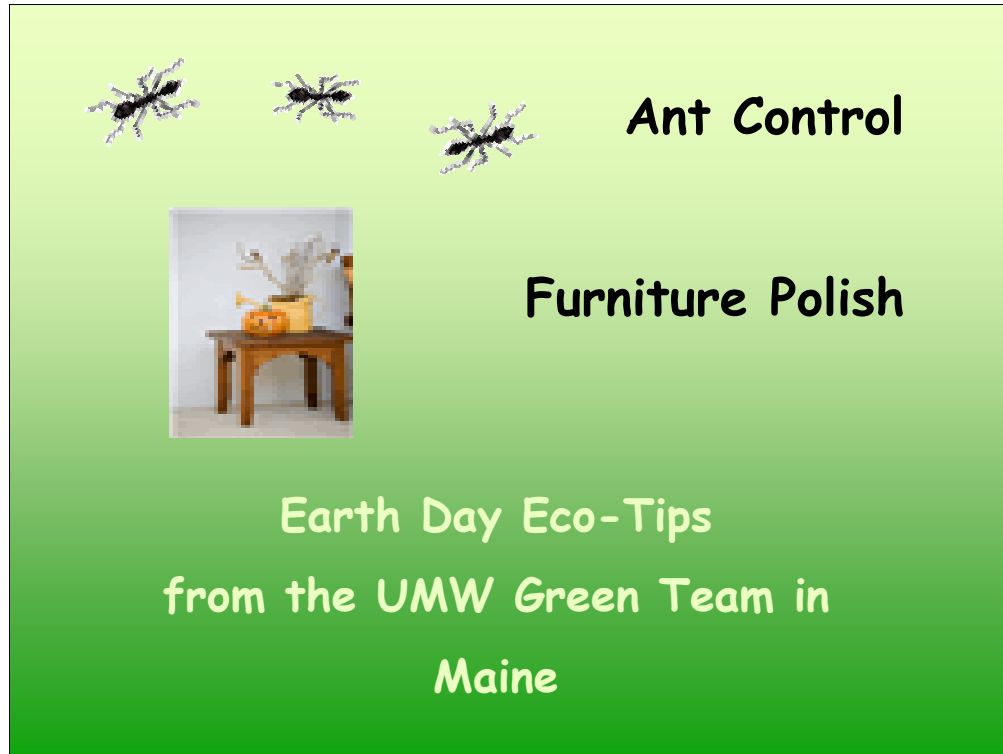
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➤ **Ant Control - Creation is orderly and structured for a purpose. God takes chaos and forms it into orderliness. This is orderly, believe it or not. Everything has its place and everything is related to everything else. All creatures are dependent upon each other. In South America there is a tree called an Acacia. It has really big thorns on it in which ants like to live. Its nectar is sweet so the ants can get some sugar. And its leaf tips have pods full of oils and proteins that ants need. When ecologists remove the ants from the Acacias, the Acacias die. And when we cut down the Acacias, the ants die. These two seemingly unrelated creatures are totally and 100% dependent on each other for their very survival. Why? I have no idea. They just know that they depend on each other for life. Why? Because it works. Because that's how God made it. I could tell you a hundred more stories just like this one. God's creation is orderly. All parts are related to all other parts. When one part suffers, it has ripple effects throughout the rest of creation. "All the createds are relateds." We live in an orderly creation, ordered by God because it works. God did not invite us to dis-order creation. God invited us to take care of creation, to preserve order.**

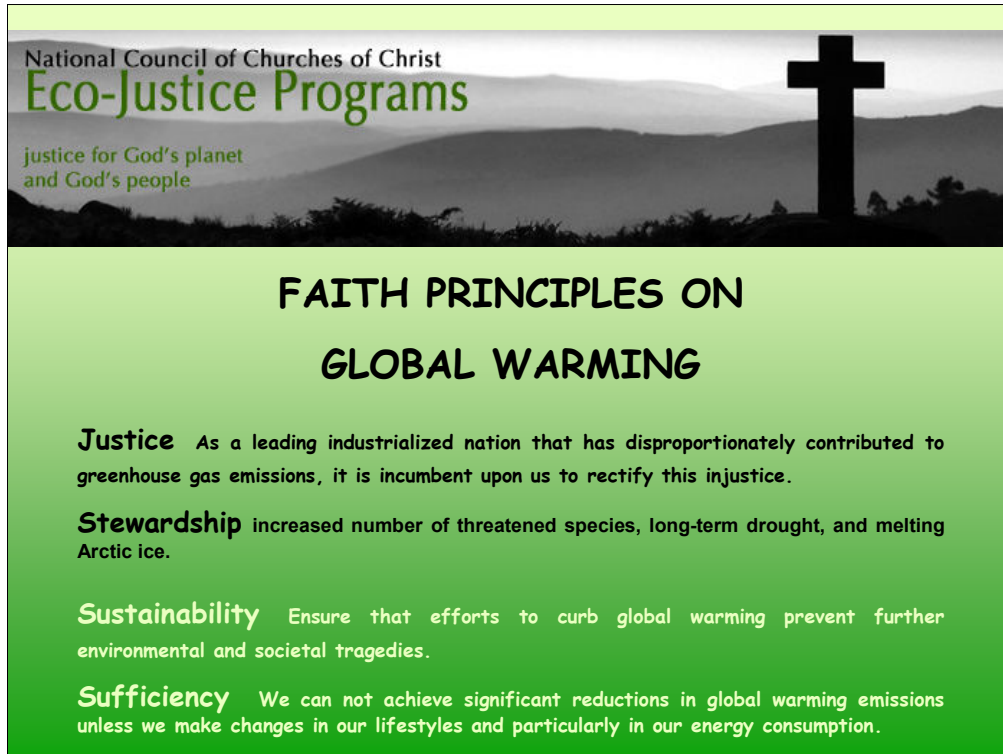
➤ **Furniture polish –**

Use 2 parts vegetable oil and 1 part vinegar or lemon juice

Use 1 tsp lemon oil in 1 pint of mineral oil.

➤ **United Methodist Women's Green Team – Northeastern Jurisdiction**

<http://qbgm-umc.org/umw/wdnews.cfm?articleid=3142>



➤ **National Council of Churches of Christ – ECO-justice programs**

Justice for God's planet and God's people

➤ **Faith Principles on Global Warming**

➤ **Justice** - As a leading industrialized nation that has disproportionately contributed to greenhouse gas emission, it is incumbent upon us to rectify this injustice.

➤ **Stewardship** – Increased number of threatened species, long-term drought, and melting Arctic ice.

➤ **Sustainability** – Ensure that efforts to curb global warming prevent further environment and societal tragedies.

➤ **Sufficiency** – We can not achieve significant reductions in global warming emission unless we make changes in our lifestyles and particularly in our energy consumption.



United Methodist Women

Women's Division

Why We Should Convert to Processed Chlorine-Free Paper and Promote This Paper to Retailers, Institutions and Organizations

Chlorine bleaching produces a toxin, called dioxin, into the air, waterways and soil, which then enters our bodies.

- Breast Cancer
- Miscarriages & birth defects
- Impaired child development
- Respiratory diseases
- Diabetes
- Reduction in sperm count

➤ Why we should convert to processed chlorine-free paper and promote this paper to retailers, institutions and organizations?

➤ Chlorine bleaching produces a toxin, called dioxin, into the air, waterways and soil, which then enters our bodies.

COMPARE;

Kraft pulping, also known as sulphate, or chemical pulping, uses sulphur to get fibre out of trees. The sulphur chemicals account for the rotten egg smell of many pulp mills. Kraft pulping uses less than 50% of the tree. The rest ends up as sludge which is burned, spread on land or landfilled. A bonus of kraft pulping is that the chemicals can be recycled and re-used in the mill. Another is that kraft fibre is exceptionally strong ("kraft" means "strong" in German). Magazines, printing and graphics papers, grocery bags and corrugated packaging are examples of products made with kraft pulp. Kraft pulp is usually dark and is often bleached with chlorine compounds.

Mechanical pulping mills physically shred trees into pulp with grind stones and/or heat. Mechanical processes use about 90% of the tree. Unfortunately, mechanical pulp has weaker fibres, tends to discolour over time, and the process uses a lot of water and energy. Mechanical pulp is commonly used for newspapers and is often bleached with hydrogen peroxide or other chlorine-free alternatives.

➤ Is the price for bright paper too great? – Breast Cancer, miscarriages and birth defects, impaired child development, respiratory diseases, diabetes, reduction in sperm count, to name a few.

What can I do? How many of you have a computer? Have you thought about e-news rather than hard-copy? Question – Did you receive a newsprint in the mail “NEWS for United Methodist Women,” a new quarterly news and information resource? Hmmmmm!

A graphic with a green background and a white banner at the top. The banner contains the text "UMW Green Team". Below the banner, the word "RESOURCES" is written in bold. Underneath, there are three lines of text: "Earth Trek – Celebrating and Sustaining God’s Creation - 2008 Reading Program. stock number R1014", "www.missionresources.org", "Women’s Division", "http://gbgm-umc.org/umw/green_team.cfm", "University of California, Davis", "http://news.ucanr.org/", and "Click on: Earth Day is April 22, 2008 – UC Cooperative Extension helps protect the plant.". At the bottom, it says "Prepared by Doris Young, CNUMW Communications Team".

UMW Green Team

RESOURCES

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Prepared by Doris Young, CNUMW Communications Team

➤ **RESOURCES**

- A book on the 2008 Reading Program list, *Earth Trek*, is all about celebrating and sustaining God’s Creation. **www.missionresources.org**
- The Women’s Division green team website is the place to begin. There are 17 articles related to green team.
- UC Davis provides a news page about Earth Day, April 22, 2008.

