

2400 million
people

"The chief use of the world's WOOD is not as building materials or paper, but as fuel"

Suffering from Woodfuel crises

"Half of people suffering shortage of cooking fuel live in sun-rich areas"

PEOPLE suffering

indoor smoke

→ 2,2 million deaths annually from lung diseases, also cataracts and other eye affection problem

women & children the most affected

→ need 1 - 5 hours a day for woodfuel collection + 3500 millions are exposed to high levels of air pollutants in their homes

walking up to 10 miles per day

→ absenteeism from school + rural exodus + rapes + economical dependence

drinking polluted water

→ Primary cause of death in developing world + no fuel for pasteurization or boiling

ENVIRONMENT suffering

deforestation + erosion + desertification

→ 63% of the wood harvested is burned for cooking or to provide heat

contamination & air pollution

→ cooking emits 15% CO2 world emissions

energy consumption

→ fuelwood accounts 15% of global energy consumption (more than nuclear and hydropower together)

"A solution rises every day"

Solar cookers and other solar food processing devices are one solution for woodfuel shortage and major health problems.

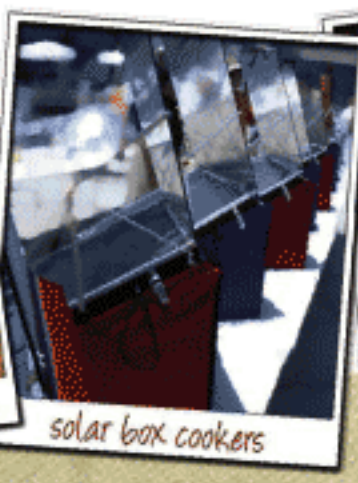
You can cook, boil, fry, bake, pasteurize and purify water, sterilize, preserve food, dry fruits, produce steam...



community cookers



concentrator solar cookers



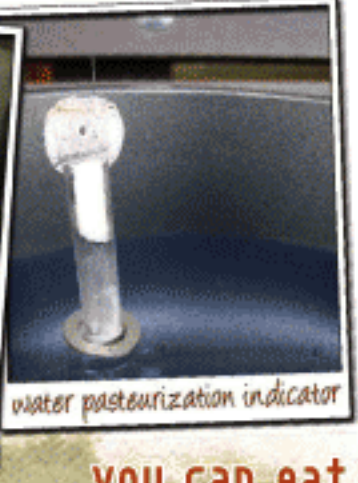
solar box cookers



panel solar cookers



solar dryers



water pasteurization indicator

... you can eat

Solar Cookers International (US) and Terra Foundation (Spain) are organizing the **Solar Cookers and Food Processing International Conference** to bring researchers and practitioners together from all over the world to exchange knowledge and decide future actions and explore collaborations to spread access to solar cooking, water pasteurizing and related solar food processing applications.

SUBJECTS

- ▶ Global Solar Cooking panorama
- ▶ Dissemination strategies for solar cooking
- ▶ Advances in solar cookers and new and improved food processing technology
- ▶ Solar Cookers and the U.N. Millennium Development Goals
- ▶ Action Groups reports and discussions
 - Education and Youth
 - Health
 - Business and marketing
 - Humanitarian
 - Government and advocacy
 - Media
 - Networking

It's time
to come together
to accelerate
the progress

Solar Cookers help achieve all U.N. Millennium Development Goals

- 1.- Eradicate extreme poverty and hunger**
Solar cookers free up scarce money as a result of savings on purchases of traditional cooking fuels.
- 2.- Achieve universal primary education**
Children, particularly girls, start helping at a young age with the collection of branches for use as cooking fuel, interfering with regular school attendance.
- 3.- Promote gender equality and empower women**
Fuel wood scarcity have a disproportionate impact on women and undermine their ability to generate income through agriculture or small business.
- 4.- Reduce child mortality**
Waterborne diseases are a primary cause of death among children under the age of five. When fuel is scarce and expensive, it becomes even harder to heed public health about boiling water.

- 5.- Improve maternal health**
Solar cooking is clean and smoke-free, and can benefit the health of all family members reducing the risk of acute respiratory infections, eye infections, asthma, tuberculosis and cataracts.
- 6.- Combat HIV/AIDS, malaria and other diseases**
Solar cookers can be left unattended, so that they are user-friendly for the sick as well as those caring for them.
- 7.- Ensure environmental sustainability**
Over half the world's population relies on wood and charcoal for cooking daily meals. Solar cookers transform clean solar energy into valuable heat for cooking and water pasteurization.
- 8.- Develop a global partnership for development**
Widespread access to solar cookers require partnership between the public and private sectors, on a local, national and international scale.

Conference programme

at Conference
Palace (Palacio
de Congresos)

Wednesday,
July 12th 2006

Open ceremony
Papers sessions
Concurrent panels
Plenary
Open session*
Welcome reception

Thursday,
July 13th 2006

Papers sessions
Concurrent panels
Plenary
Open session*
Visit: Alhambra at night

Friday,
July 14th 2006

Action groups
concurrent sessions
Action groups plenary
Final Plenary
Closing ceremony
Closing Dinner

* Open sessions are opened to all public, without registration

at Science Museum
(Parque de
las Ciencias)

Saturday,
July 15th 2006

Solar cooking exhibits and
training courses
Solar awards Sun&Peace
ceremony
Ecological and solar
tasting

Granada,
Almeria and
surroundings

Sunday,
July 16th 2006

Post conference field trip
to solar energy installa-
tions in the region (Solar
thermal power stations)

More information at: www.solarconference.net

Why Granada?

Granada is a modern Spanish city with more than 2000 years of history. You can find ancient monuments of different cultures, Iberic, Roman, Jewish, Arab and Christian*, and enjoy the pleasant atmosphere while walking the streets of the historical downtown or visiting the Alhambra. The connection of all these cultures makes Granada a perfect place for an international meeting of northern and southern representatives with worldwide benefits.

The Conference will take place in Palacio de Congresos, a magnificent building in Granada's centre, and exhibits will be in the Science Museum, where the last national Solar Cookers meetings have been held.



Invitation to participate

To provide solar cooking and other solar technologies for food processing is something reachable for individuals and organizations at different levels.

participants & supporters

We invite participation of **individuals and organizations who create, test, teach about and use solar devices**. Solar devices are used by wealthy and poor alike for solar cooking, food drying and water pasteurizing with many documented benefits. They are needed by so many more, including refugees, people in remote communities around the world, for disaster relief, and where environments are fragile.

This event is also an opportunity for **policy makers, funders, media, businesses and international humanitarian agencies**. We are seeking active participation from UNICEF, WHO, UNDP, UNEP, UNHCR and UNESCO. We urge your participation to hear first-hand about useful applications of solar devices that may benefit your own work and also to contribute your advice and perspectives.

You have received this because you or your agency could benefit - **and is needed** - to help forge strategies and actions to empower many millions in sun-rich areas, especially those suffering fuel shortages and unsafe drinking water. This lofty goal deserves our best efforts. Please participate and support any way you can toward its success.

thank you

- * Sponsor activities
- * Spread the event
- * Institutional support
- * Collaborate with the organization

For more information, including
benefits and rates for sponsors please
check www.solarconference.net
or contact solar@terra.org

Solar cooking and Food processing International Conference

12 - 16th July 2006
Granada (Spain)

sun solutions
for better lives



It's MORE
than technology,
it's meeting urgent human needs

Most solar food processing and
water technologies have been
developed by people from
independent grassroots groups

It is time to share them and we'll
come to gather them together from
all over the world to decide how

Solar cooking, water pasteurizing and food processing
are mature technologies. They are reducing fuel
scarcities, smoke and water related diseases,
malnutrition and environmental decline and can
enhance life quality for many more millions of people.

We invite you to become a
supporter of this event to get
today's tools out to today's world



Solar Cookers International



Terra Foundation

www.solarconference.net

*Solar food processing: food for us
and food for the planet*