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A publication to drive action and leverage global partnerships for the solar cooking sector

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Solar Cooking Sought as a Climate Solution at COP23



The international community gathered 25,000 strong at the Climate Change Conference in Bonn, Germany this month. Thanks to private donors, SCI was there to be the voice of the global solar cooking movement.

People arrived at COP23 with a sense of urgency to find solutions to problems they know too well: how to provide people with the energy they need while protecting the

SCI Executive Director Julie Greene speaking at COP23, Bonn, Germany, November 2018.

environment. The challenges are real, and they are vast: insufficient money, gender inequalities, inadequate policies, and the lack of time to make it all happen as quickly as the world needs.

A young woman from the Solomon Islands told me about her coastal village wiped out by the rising sea. An advisor to the Directorate of the Environment in Somalia showed me evidence of large-scale deforestation: **every minute, one tree is turned into charcoal in Somalia**. In only ten years, Somalia's forests have disappeared.

Sustainable global energy alternatives are growing slowly as demand increases exponentially. As a result, people are turning to solar cooking with increased attention. Regional expertise is more valued than ever. Thanks to [SCI's Global Advisors](#), solar cooking advocates bring the important national perspective to the benefits of solar cooking technologies. [SCI's Board of Directors](#) brings professional advocacy experience, too. And SCI's research, advocacy, and performance evaluation for solar cookers (PEP) are attracting needed attention to clean, sustainable cooking solutions.

Thanks to the data submitted by SCI partners and analyzed by SCI, national and international energy agencies sat up and paid attention to the evidence of solar cooking's impact at COP23. Most importantly, they started conversations with SCI to explore solar cooking as a solution to urgent health and environmental challenges.

You will have an important role to play for solar cooking worldwide. Every one of us moves the work forward.

Designing a top-quality solar cooker, having solar cooker designs evaluated, joining your national Bureau of Standards, joining the SCI Association, attending international gatherings to advocate for solar cooking, funding the work, submitting data: [contact SCI](#) and let us know how you want to get involved.

Julie Greene, Executive Director

Solar Cookers Anticipated in ISO Cookstove Standards

Kathmandu, Nepal: SCI Science Director Dr. Alan Bigelow joined the US delegation attending the ISO/TC 285 Plenary in early November. The goals of the plenary meeting included addressing all country comments to the draft sections and to move the review process towards completion. SCI Associate and World Food Programme Engineer Godfrey Mawira Kaburu also participated in the Plenary as part of the delegation from Kenya. Their involvement strengthened the rationale for solar cooking to be included within the scope of ISO/TC 285.

The ISO/TC285 Plenary working groups included the Communications Task Group, Review of Existing Standards on Fuels, Conceptual Framework, Lab Testing Methods, Field Testing Methods, and Social Impacts. One outcome of the Plenary was the decision to have the American Society of Agricultural and Biological Engineers (ASAE) S580.1 protocol for Testing and Reporting Solar Cooker Performance listed as a Normative Reference. The SCI Performance Evaluation Process (PEP) applies the ASAE S580.1 and so harmonizes with the ISO/TC 285. The momentum from the meeting continues with weekly WebEx meetings and the circulation of draft documents.



SCI Science Director Dr. Alan Bigelow participating in the ISO/TC285 Plenary meeting.



Working group discussion during the ISO/TC285 Plenary meeting

Call for Nominations: SCI Global Advisor

SCI is accepting nominations for the [SCI Global Advisory Council](#). Members of the SCI Global Advisory Council are experts in solar cooking advocacy, usage and programmatic outreach. SCI Global Advisors regularly consult with SCI board and staff members, providing insights that further the global implementation of the solar cooking sector. SCI Global Advisors leverage their unique regional contributions towards broader adoption of solar thermal technologies. SCI Global Advisors serve two-year terms and are approved by the SCI Board of Directors and executive director.

To nominate someone for a SCI Global Advisory Council position, please email SCI Executive Director Julie Greene at julie@solarcookers.org. Self-nominations are accepted. Deadline for nominations is 18 December 2017.

For more information about the SCI Global Advisory Council, visit <http://www.solarcookers.org/about/people/>.

Upcoming Conferences and Events



Pan African University
Institute of Water
and Energy Sciences

[Research-2-Practice Forum 2018: Energy, Water Security and Climate Change in Africa](#)

16-18 April, 2018- Tlemcen, Algeria

Call for Contributions- Deadline: 8 January 2018

The Research-2-Practice Forum aims to provide a platform for experts active in applied and practice-oriented research in the areas of renewable energy, water and climate security to engage in an active exchange and to build strategic partnerships. In order to promote and support applied and practice-oriented research and strategic partnerships in

renewable energy, water and climate security in Africa, the Pan African University Institute for Water and Energy Sciences (PAUWES) with support from the German Government and in cooperation with a consortium of German universities (UNU-EHS, ZEF and ITT) led by UNU-EHS and the University Abou Bekr Belkaid in Tlemcen are jointly organizing the forum. More information on the forum, including submission guidelines, can be found at <http://pauwes-cop.net/res2prac/>.

CONSOLFOOD 2018

[CONSOLFOOD2018: Second International Conference](#) 22-24 January, 2018- Faro, Portugal

Advances in solar food processing and solar cooking and other related subjects are the main topics of the Second International CONSOLFOOD Conference. Seventy-three abstracts have been submitted. Presentations, a round table discussion, and two poster sessions are all planned around advances in solar food processing and solar cooking.

More information about CONSOLFOOD2018, including details on how to register for the conference, can be found at <http://www.consolfood.org/>. If you would like to attend the conference, please register as soon as possible by sending the required registration data to the organizing committee (cruivo@ualg.pt and daveoxford@metronet.co.uk).

Upcoming Webinar Opportunities



SCI Webinar: Solar Cooking Sector Updates

10 January 2017

8:00-9:00 am Pacific Time/ 15:00-16:00 GMT

Registration details will be shared at a later date



SCI Conference Call: Refugee Working Group

10 January 2017

9:00-10:00 am Pacific Time/ 16:00-17:00 GMT

Registration details will be shared at a later date

Short Opportunity to Double Your Donation to SCI



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Help provide solar cooking solutions in 2018 by donating today.

Thanks to a few key insightful donors, your donations to SCI can be matched up to \$45,000.

Your gifts support the important work you see described in the *SCI Digest* throughout the year. Thank you in advance for your support. Every gift matters and supports solar cooking worldwide.

[Donate Now](#)

Watch future publications of the SCI Digest for more ways on how you can become part of the global solar cooking movement.

Please submit articles for the *SCI Digest* to info@solarcookers.org.

Consider a special gift to SCI in 2017--Honor someone with a gift [today](#).

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Solar Cookers International is a 501 (c)(3) non-profit organization leading global advocacy for the solar cooking sector.

To learn more, visit www.solarcookers.org

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