

# SOLAR COOKERS INTERNATIONAL REPORTS RECENT GAINS IN THE GLOBAL SOLAR COOKING MOVEMENT

Alan W. Bigelow, Julie L. Greene, Justin Tabatchnick  
and Caitlyn S. Hughes

Solar Cookers International







# Special Consultative Status at ECOSOC


# Solar Cookers International supports the SDGs


[www.solarcookers.org](http://www.solarcookers.org)





**1 NO POVERTY**  
 Access to free, no-emission solar thermal energy builds resilience, particularly for the most vulnerable populations. Energy access for all is key to development; hence, policies encouraging solar technologies will help end poverty.


**2 ZERO HUNGER**  
 With free solar thermal energy for cooking, families can cook all traditional and highly nutritious foods. Solar energy access reduces demand for biomass and fossil fuels, and improves land, soil and water quality.


**3 GOOD HEALTH AND WELL-BEING**  
 Women and their young children experience the highest exposure to household air pollution, the number one cause of disease. Because solar thermal cookers do not produce flames, fire risk and respiratory illness is greatly reduced.


**4 QUALITY EDUCATION**  
 Freed from the time-intensive tasks of gathering biomass fuel for cooking fires by solar cooking, vulnerable persons, including the indigenous, those with disabilities, and children, reclaim time for education and study.


**5 GENDER EQUALITY**  
 Using solar cookers reduces exposure of women and girls to violence when gathering biomass fuels. By using free solar energy for cooking, women and girls can gain up to 5 hrs/day for education, empowering them for leadership roles.


**6 CLEAN WATER AND SANITATION**  
 Sustainable management of drinking water supplies for all will rely on decentralized pasteurization of local water sources. Solar thermal cookers can make water safe to drink, addressing water scarcity and reducing diarrheal disease.


**7 AFFORDABLE AND CLEAN ENERGY**  
 Solar thermal energy is clean, efficient, sustainable, modern energy: it does not need to be gathered or purchased, and is available in all regions on all continents. It requires no supply chain, and no infrastructure for delivery.


**8 DECENT WORK AND ECONOMIC GROWTH**  
 By cooking with free solar energy, household cooking fuel costs can be redirected. With less need to gather or purchase fuels, women gain time for education, productive employment and decent work.


**9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**  
 Solar technologies reduce the need for energy infrastructure and increase resilience for all by providing decentralized sustainable energy. Many innovative solar cookers can be made using locally-sourced materials.


**10 REDUCED INEQUALITIES**  
 Free solar energy is of proportionately higher value to those who benefit most from access to decentralized, free energy. Free solar energy is accessible to all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic status.


**11 SUSTAINABLE CITIES AND COMMUNITIES**  
 Solar energy can be used in urban settings where biomass fuels are not available, reducing reliance on unsustainable fossil fuel for cooking and water pasteurization. Solar energy use reduces competition for energy in urban settings.


**12 RESPONSIBLE CONSUMPTION AND PRODUCTION**  
 Free solar-thermal energy has an equitable and decentralized distribution chain, reducing environmental costs of fuel production and delivery. This can contribute to sustainable patterns of energy consumption and production.

**13 CLIMATE ACTION**  
 Use of free, no-emission solar energy reduces production of climate-change forcing agents, such as greenhouse gases and black carbon produced by combustion of fossil fuels and biomass fuels.

**14 LIFE BELOW WATER**  
 Preserving biomass maximizes water absorption in soil, reducing soil erosion that flows into the marine environment. Ultimately, solar energy reduces deposits of pollutants and fertilizers in the oceans.

**15 LIFE ON LAND**  
 Cooking and pasteurizing water with solar energy preserves forests, and curbs land degradation and desertification.

**16 PEACE, JUSTICE AND STRONG INSTITUTIONS**  
 Access to solar energy achieves our human right to cooked food and safe water. Solar energy reduces human conflict over scarce fuels.

**17 PARTNERSHIPS FOR THE GOALS**  
 Knowledge sharing for appropriate solar cooking technologies strengthens and empowers community members, particularly women, to be change agents for revitalized, sustainable development.

# Solar Cookers International (SCI) performance evaluation process (PEP)

- Respond to the needs of the solar cooking sector
- Benefit customers, manufacturers and project leaders
- Harmonize with:
  - ✓ Global Alliance for Clean Cookstoves
  - ✓ ISO/TC 285
- Thermal performance test – more tests under development

# ASAE S580.1 Testing and Reporting Solar Cooker Performance

- Testing time during mid day (solar noon +/- 2 hours)
- Load a solar cooker with water: 7000 g/m<sup>2</sup>
- During evaluation, record: water temperature, ambient temperature, wind speed, and solar energy
- Calculate the cooking power for 10-minute intervals
- Cooking power for each interval shall be corrected to a standard insolation of 700 W/m<sup>2</sup> by multiplying the interval observed cooking power by 700 W/m<sup>2</sup> and dividing by the interval average insolation recorded during the corresponding interval.
- Plot cooking power v. temperature difference from ambient
- Provide a single power measure of thermal performance, in Watts

# Aperture of a solar cooker

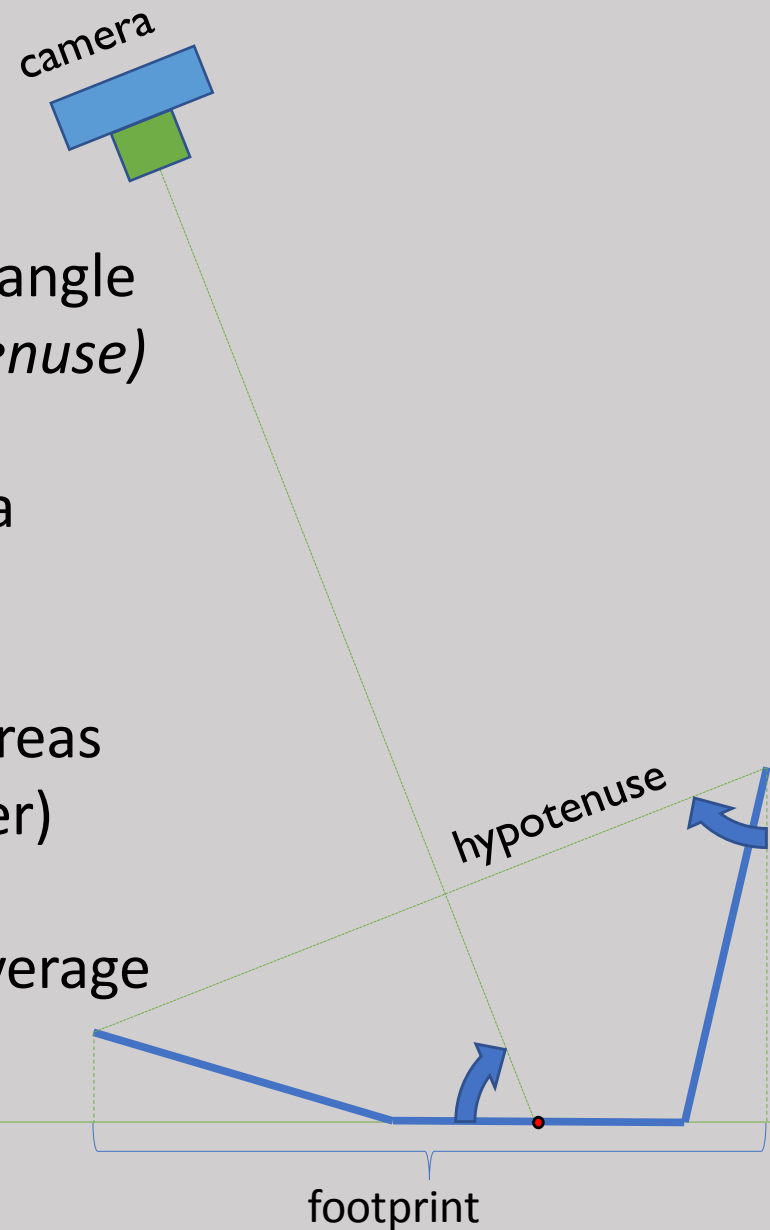
(inspired by Bernhard S. Müller)

First determine the solar cooker elevation angle  
*Elevation angle = arcsin (footprint / hypotenuse)*

Photograph the solar cooker with a camera parallel to the solar cooker elevation angle

Superimpose geometric shapes and sum areas  
(areas are scaled according to size of cooker)

Apply a trigonometric correction for the average sun elevation angle for the test date





# Internet tools for finding solar noon and average sun elevation angle, anytime, anywhere

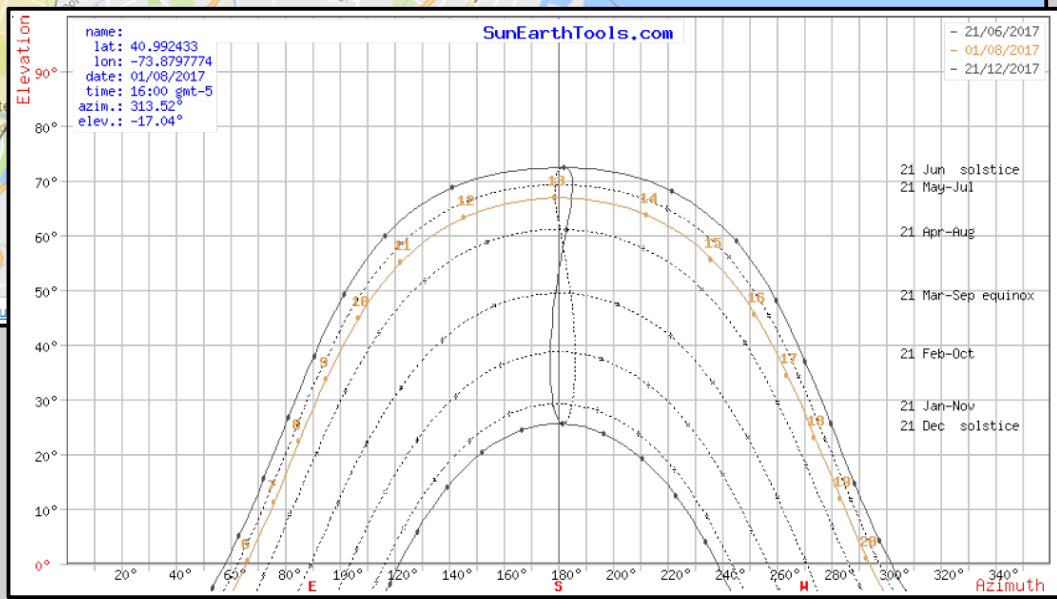
← → ↻ [suncalc.net/#/40.9924,-73.8798,12/2017.08.02/17:25](http://suncalc.net/#/40.9924,-73.8798,12/2017.08.02/17:25) ☆ 9+

**SunCalc** for  on

0:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

05:23 — dawn  
 05:53 — sunrise  
 13:03 — solar noon  
 20:12 — sunset  
 20:42 — dusk  
[More detailed >](#)

© 2009 Vladimir Aqafonkin. Based on Astronomy Answers formulae. Powered by Google Maps API v3, iQOO







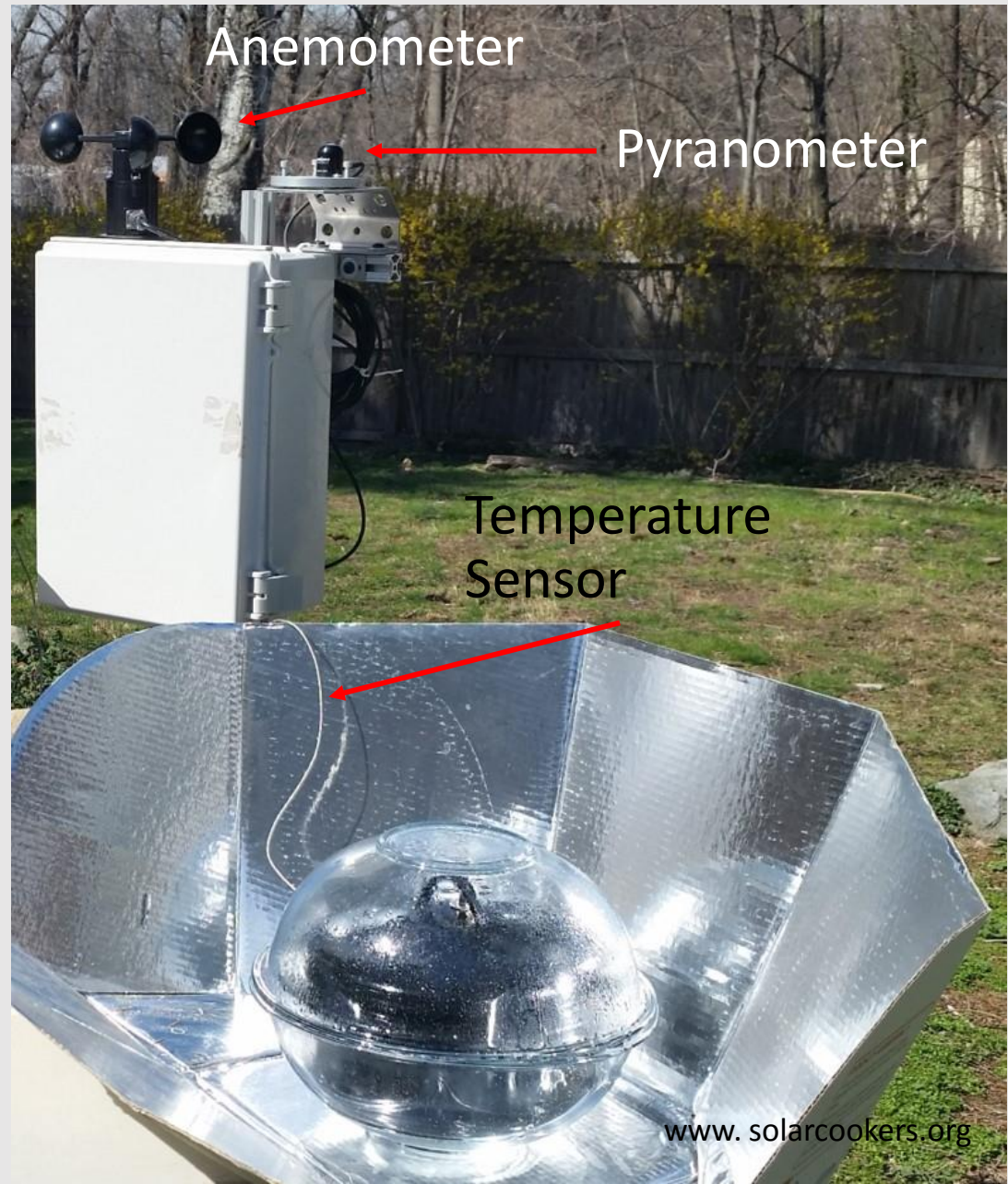
# SCI Performance Evaluation Process Testing Station

Designed and assembled by



**Justin Tabatchnick**

Contractor for  
Solar Cookers International

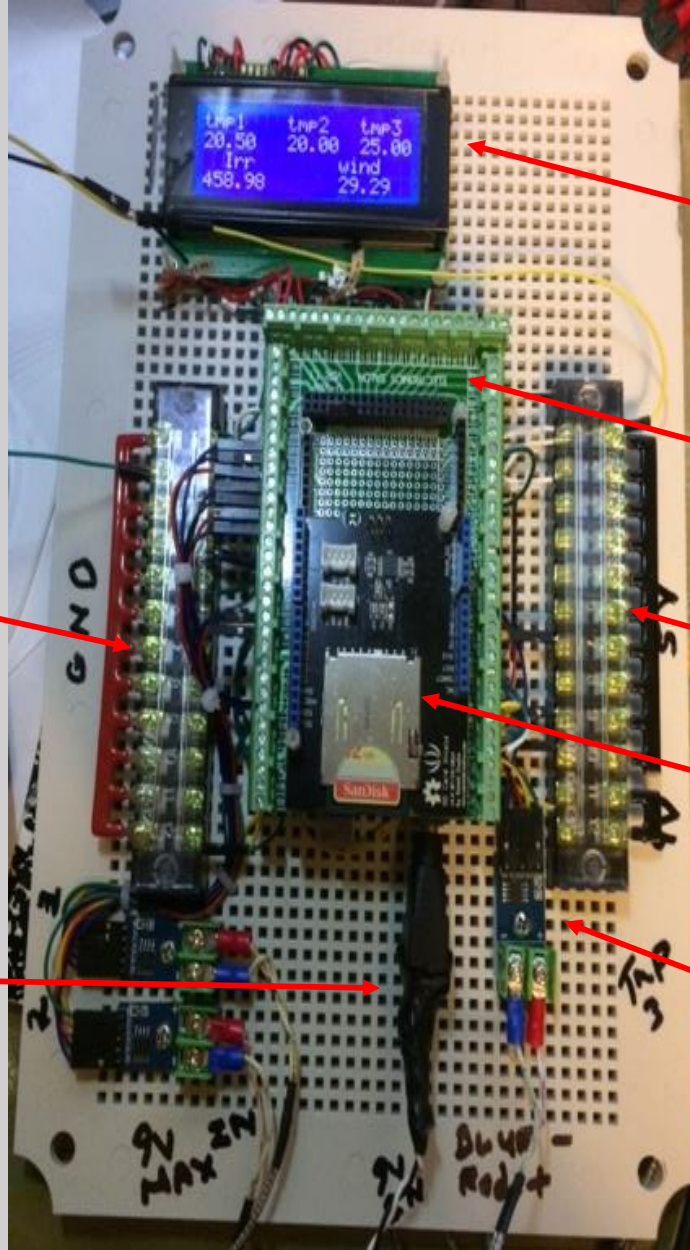


Anemometer

Pyranometer

Temperature  
Sensor

# Electronics Layout



Display

External  
Wiring Module

Ground Bus

Power Bus

SD module

Input Power

Thermocouple

# Testing station design:

Portable, Robust, Relatively low cost (parts < \$1,000)

Simple to use, Data storage on SD card, and **Open source**

The image shows a screenshot of the Solar Cookers International (SCI) website. The browser address bar displays 'www.solarcookers.org/index.php'. The website header is yellow and features the SCI logo (a stylized sun with a face) and the text 'SOLAR COOKERS INTERNATIONAL'. A search bar, social media icons for Twitter and Facebook, and a 'Donate Now!' button are also visible. A navigation menu is highlighted in blue, with 'Our Work' circled in red. A dropdown menu is open under 'Our Work', listing various categories: Partners, Advocacy, Education, Events, Projects, Association and Network, Solar Cooker Distribution, and 'Performance Evaluation Process', which is also circled in red. A red arrow points from the 'Open source' text in the slide to the 'Performance Evaluation Process' option in the dropdown menu. The main content area features a banner image of people with solar cookers, with the text 'This is what empowerment looks like Annual Report Fiscal Year 2017'. To the right, there are buttons for 'Donate Now!', 'SCI Associate Login', and 'Read the 2017 Annual Report'.

# DataLog Example after import to Excel

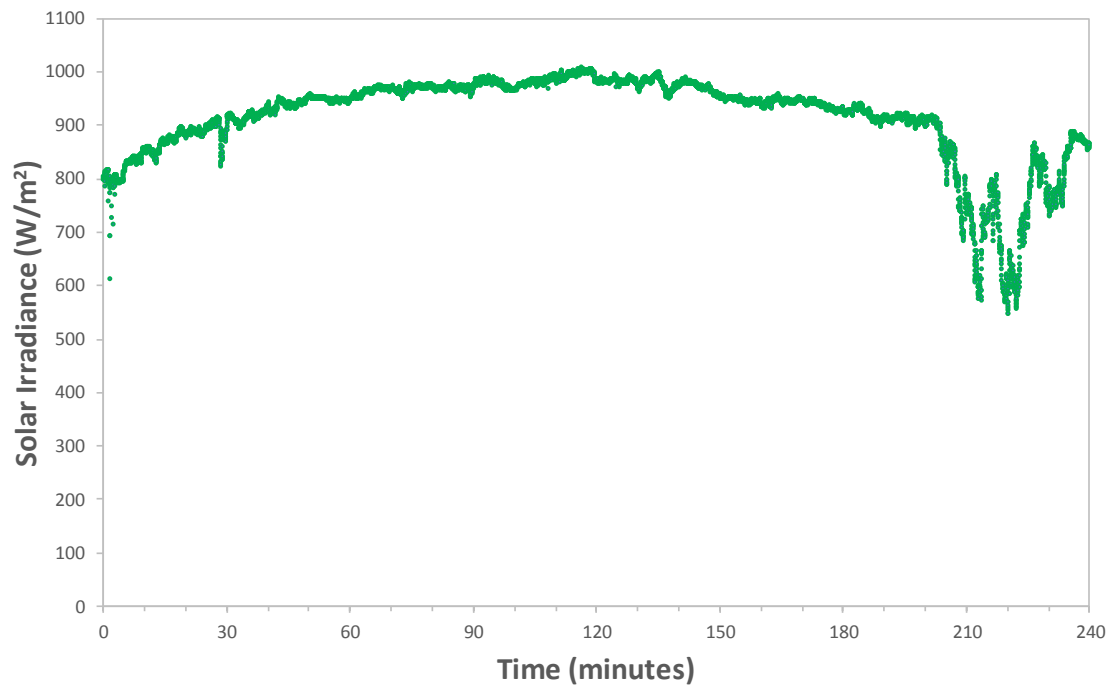
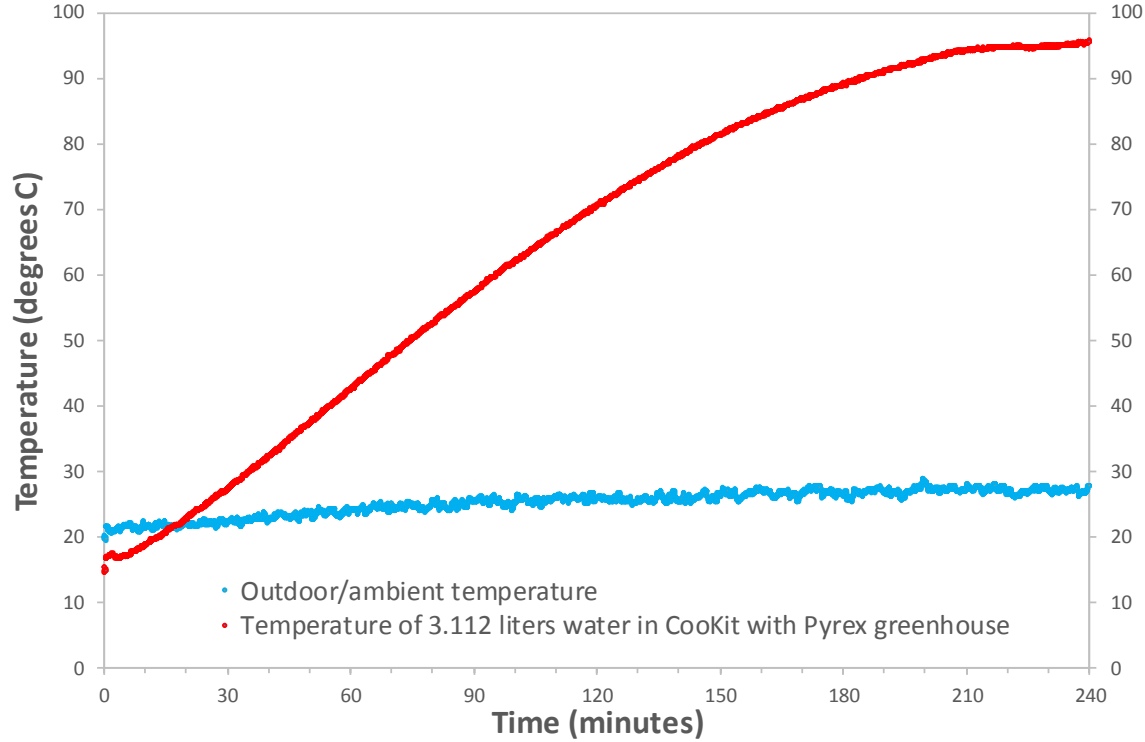
time	Temp1	Temp2	Temp3	windspeed	irradiance_meas	irradiance_calc	max_wind	corr_irradiance_mean	corr_irradiance_stdv	inter_pwr1	inter_pwr2	inter_pwr3	pwr_inter1	pwr_inter2	pwr_inter3	Td1	Td2	Td3	inter_num
95	17.64	21.72	16.87	0.59	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
2074	17.41	21.27	17.32	0.3	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
3806	16.5	21.95	16.87	0.3	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
5540	17.64	22.87	17.09	0.89	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
7276	6.19	29.04	17.09	0.79	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
9008	22.91	8.69	17.55	0.98	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
10741	98.05	-3.43	17.32	0.98	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
12473	85.45	-3.43	17.32	0.79	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
14207	94.39	-3.43	16.87	0.59	965.58	1017.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
15941	94.39	-3.43	17.32	0.5	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
17676	64	8.3	18.9	0.4	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
19410	56.5	5.9	18.8	0.3	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
21144	72	8.2	18.9	0.01	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
22877	70.6	8.2	18.8	0.11	970.46	1022.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
24611	75.2	2.4	18.9	0.3	970.46	1022.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
26345	71.5	5.6	18.9	0.59	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
28078	68.9	7.4	18.9	1.08	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
29815	59.7	10.4	18.9	1.38	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
31550	64	7.9	18.9	1.77	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
33283	53.4	12.9	19	1.57	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
35017	44.8	10.4	19	1.18	965.58	1017.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1

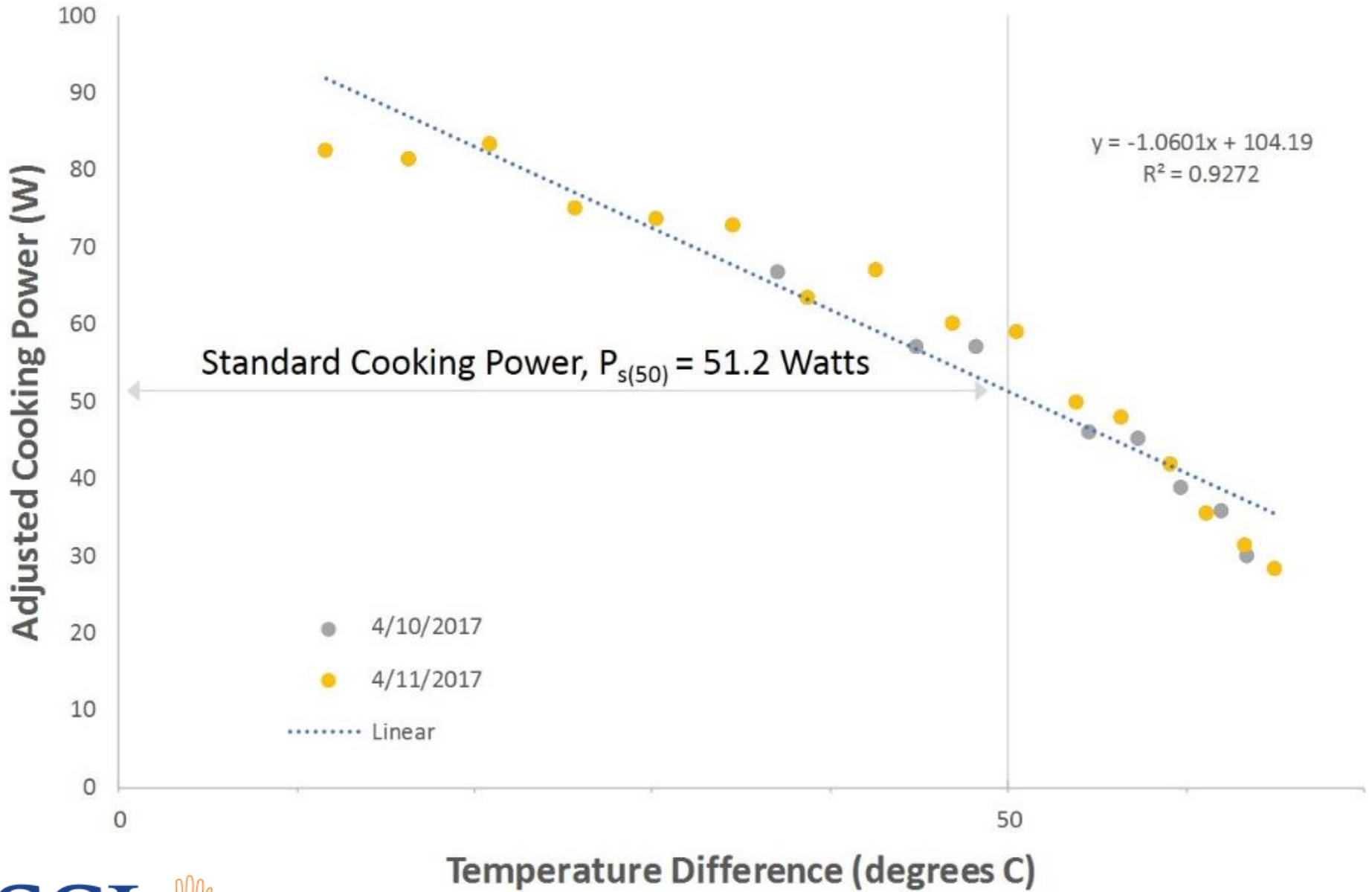


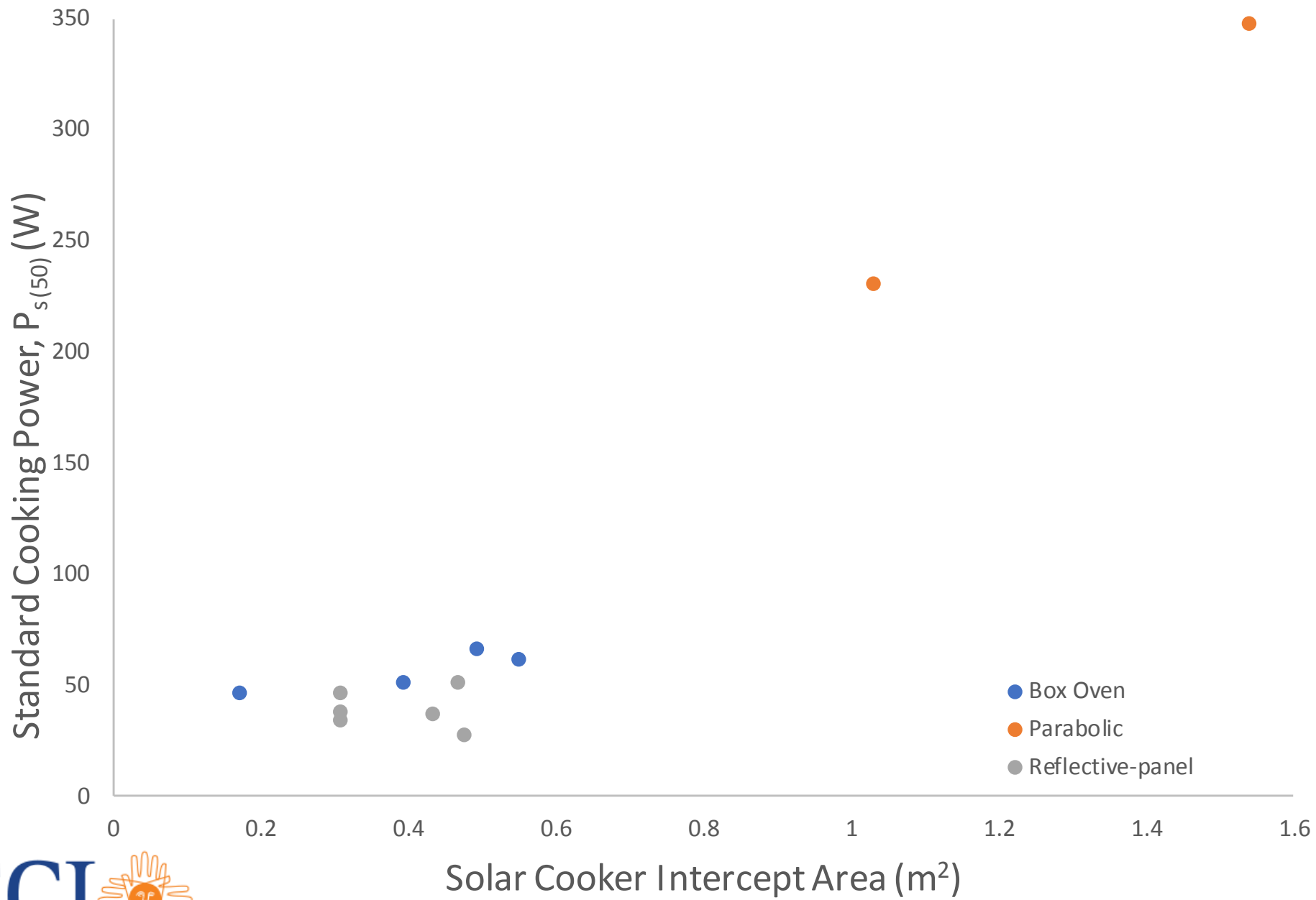
109589	53	4.3	19.3	0.11	968.02	1019.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
111322	53.2	4.3	19.4	0.01	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
113056	53.2	7	19.4	0.2	965.58	1017.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
114792	56	4.4	19.4	0.2	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
116524	56.1	9.4	19.5	0.2	970.46	1022.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
118258	58.5	9	19.3	0.11	966.8	1018.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
119990	46.8	13.1	19.4	0.11	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
121725	41.4	15.6	19.4	0.2	971.68	1023.45	1.77	1005.68	14.19	1657.62	0	176.82	1153.78	0	123.07	52.35	0	12.1	1
123466	36	13.1	19.4	0.3	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
125203	58.5	12.6	19.5	0.3	969.24	1020.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
126937	58	15.1	19.5	0.3	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
128671	50.7	15	19.6	0.3	972.9	1024.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
130405	50.7	15.1	19.6	0.79	972.9	1024.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
132140	46.3	17.7	19.6	0.79	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
133875	41.3	16.1	19.6	0.69	972.9	1024.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
135612	42.2	13.3	19.6	0.5	970.46	1022.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
137346	50	10.7	19.7	0.5	971.68	1023.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2

End of Interval 1 and start of interval 2

Interval Calculations completed









# Observations:

- Preliminary SCI PEP results suggest average Standard Cooking Powers,  $P_{s(50)}$  (W), per solar cooker type:
  - ✓ Box Oven: 56 W
  - ✓ Parabolic: 289 W
  - ✓ Reflective-panel: 39 W
- Applying these values to SCI's known global solar cooker distribution by type suggests a global installed solar-thermal cooking capacity of at least **377 MW**



# Global Distribution of Solar Cooking Capacity (MW)



## Suggestions for Sector:

- Manufacturers: please provide information about intercept area, elevation angle, and suggested cookware
- Solar-cooking sector: please continue to post distribution data to SCI
- Consult (preliminary) results: [www.solarcookers.org/PEP](http://www.solarcookers.org/PEP)

## Next Steps:

- Promote: Network of SCI Testing Centers
- Construct test stations for additional testing centers
- Develop additional testing protocol: durability, usability, etc.

# Solar Cooking at the American Solar Energy Society Conference

- Denver, Colorado, USA
- October, 2017
- 4100 digital solar cooking engagements
- 400 in person participants
- 11 solar cooking presentations



SCI Board Member Wyldon Fishman (left) and SCI Science Director Alan Bigelow, Ph.D. (center) demonstrating solar cookers at the ASES conference.

# Solar Cooking at the Clean Cooking Forum



SCI Global Advisor Deepak Gadhia

- 500+ people exposed to solar cooking
- 30 solar cooking session participants
- 8 solar cooking advocates
- 3 poster presentations
- 1 site visit to the Community Solar Steam Cooking System at a Brahma Kumaris Retreat Center

SCI Global Advisor Dr Mrs Janak Palta  
McGilligan & SCI Science Director Alan  
Bigelow, Ph.D.



# SCI at ISO/TC 285 Meeting



Participants following a discussion about field testing, including SCI Associate Godfrey Kaburu and SCI Science Director Alan Bigelow, Ph.D.

# Site Visit to Machhegaun



SCI Associate Godfrey Kaburu; Allart Ligtenberg; Jacek Kopycinski; SCI Associate Sanu Kaji Shrestha; SCI Science Director Alan Bigelow, Ph.D.; SCI Associate Kriti Shrestha and solar cooking women of Machhegaun, Nepal.

# PEP at CRT/Nepal Testing Center



SCI Science Director Alan Bigelow, Ph.D. and Prabin Shrestha.



Ryan Tompson; Santosh Mandal; Chija Adhikari; Ganesh Shrestha; SCI Science Director Alan Bigelow, Ph.D. at the Centre for Rural Technology (CRT) Nepal.



# Solar Cooking at COP23

- 20,000 people exposed to solar cooking
- 10+ government ministerial representatives excited about solar cooking
- 4 press conferences
- 4 presentations/side events
- 2 new SCI Associates
- 1 exhibit booth



SCI Program Director Caitlyn Hughes; SCI Associate Honorable Commissioner Nigeria Ministry of Climate Change and Forestry Dr. Alice Ekwu; SCI Executive Director Julie Greene

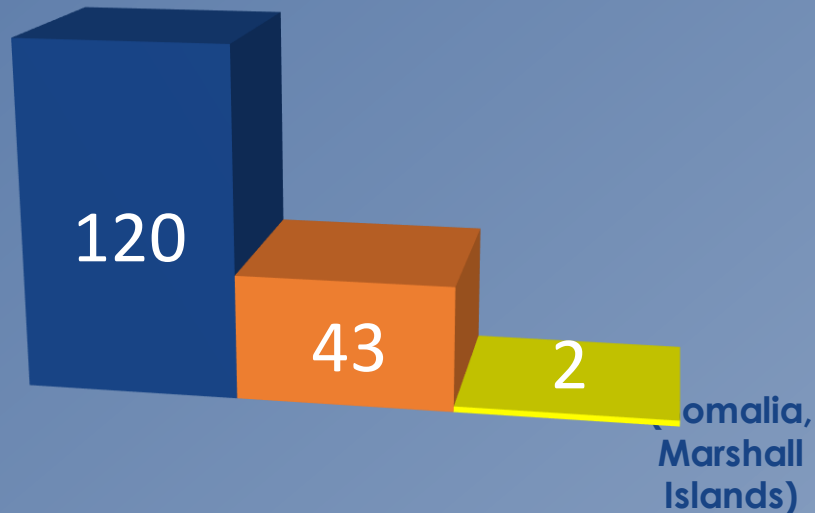


*SCI COP 23 Side Event: SCI Science Director Alan Bigelow, Ph.D., Head of Project India One Golo Pilz; Rocio Maldonado; SCI Program Director Caitlyn Hughes*



*SCI COP 23 Press Conference: SCI Board Member Mike Paparian; SCI Program Director Caitlyn Hughes; SCI Science Director Alan Bigelow, Ph.D.; The Nature Conservancy CA Climate Change Program Director Louis Blumberg; Global Solar Council CEO Jodie Roussell*

# Nationally Determined Contributions (NDCs)



■ No mention of cooking

■ Mention cooking/cookstoves

■ Mention solar cooking

Of 165 NDCs submitted, **43** mention cooking or cookstoves

**2** additional NDCs have specifically included **solar cooking** as a sustainable approach

*\*165 submitted as of 31 Dec 2017*

# Data Sharing

## Call to action for data collection:

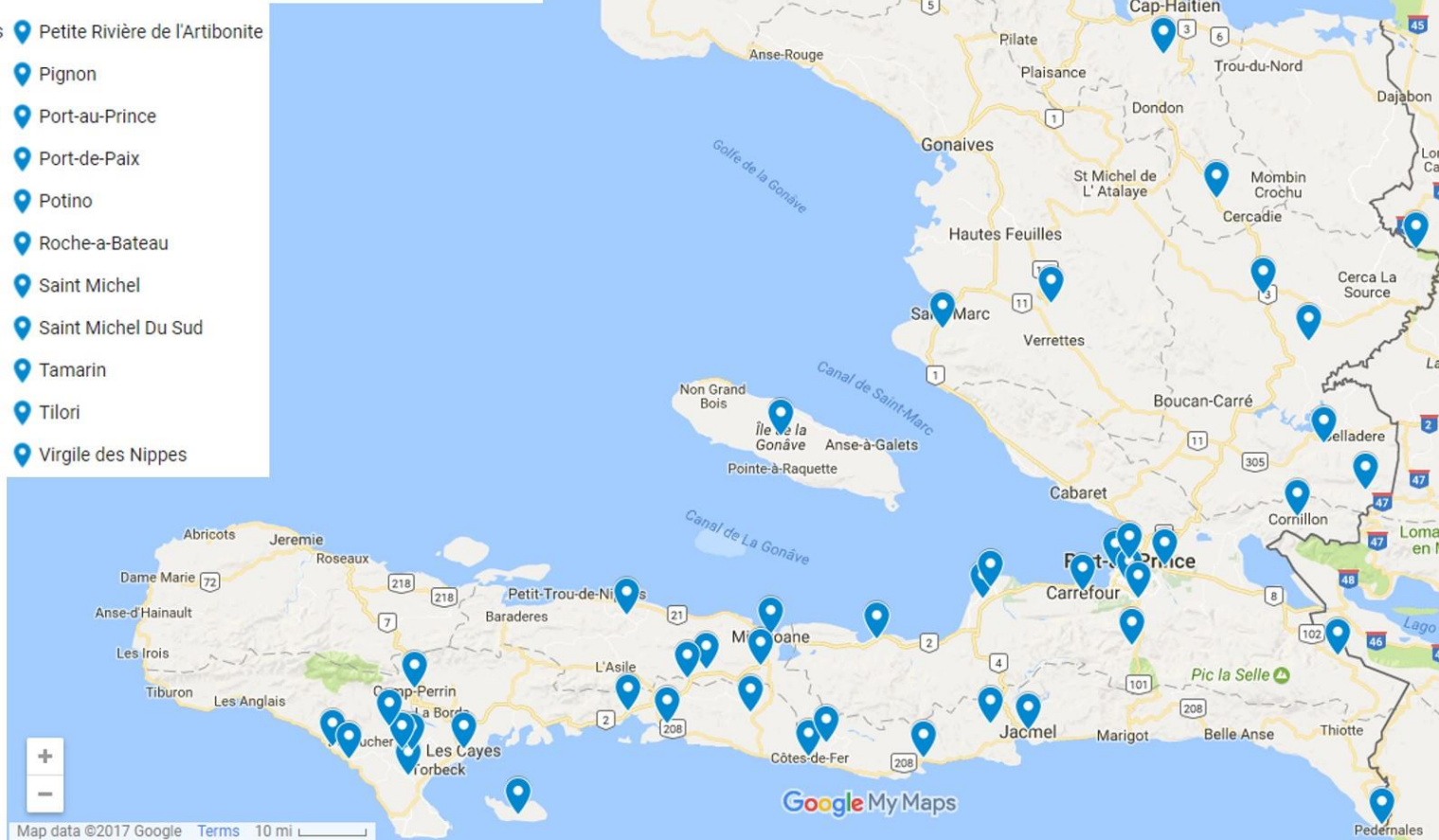
- Use the SCI Adoption and Impact survey
- Update solar cooker distribution data annually on SCI's interactive data map



# Reported sites for distribution and/or use of solar cookers in Haiti, as of May 10, 2017 (by Solar Cookers International: [www.solarcookers.org](http://www.solarcookers.org))



- Anse-à-Pitres
- Aquin
- Arniquet
- Bainet
- Barreau
- Bereaud
- Camp-Perrin
- Carrefour
- Chantal
- Cité Soleil
- Coteaux
- Côtes-de-Fer
- Croix-des-Bouquets
- Delmas
- Dos Palais
- Duverge
- Fond-des-Blancs
- Fonds Des Negres
- Fond-Verrettes
- Furcy
- Gonave Island
- Gris-Gris
- Guichard
- Hinche
- Jacmel
- La Colline
- Lambert
- Layaye
- Léogâne
- Les Cayes
- Mariani
- Miragoane
- Mizak
- Petion-Ville
- Petit Goave
- Petite Rivière de l'Artibonite
- Pignon
- Port-au-Prince
- Port-de-Paix
- Potino
- Roche-a-Bateau
- Saint Michel
- Saint Michel Du Sud
- Tamarin
- Tilori
- Virgile des Nippes



# Haiti's Newest Solar Chefs

Talk about inspiring! This month Haiti Adolescent Girls Network (HAGN) has launched their solar-cooking micro-enterprise program for sixteen aspiring teen girls. In this program each participant will receive a Solavore Sport solar oven, cooking (and solar cooking) training, and basic business skills training. They'll be cooking food and baked goods to sell at market as their first step in becoming independent businesswomen. Imagine the impact on their gross margin by not having to purchase charcoal at Haiti's escalating prices.



*HAGN solar-cooking entrepreneurs unveiling their new Solavore Sport solar ovens under the watchful guidance of Solavore advisor Rose Bazile (second row in red).*

[www.solarcookers.org](http://www.solarcookers.org)

Three specific ways you can engage in global advocacy and increase partnerships to amplify your work.

1. Join SCI's strategy teams to advocate for solar cooking at global conferences (ex: UNFCCC COP, SAFE, Clean Cooking Forums, High-Level Political Forums, etc.)



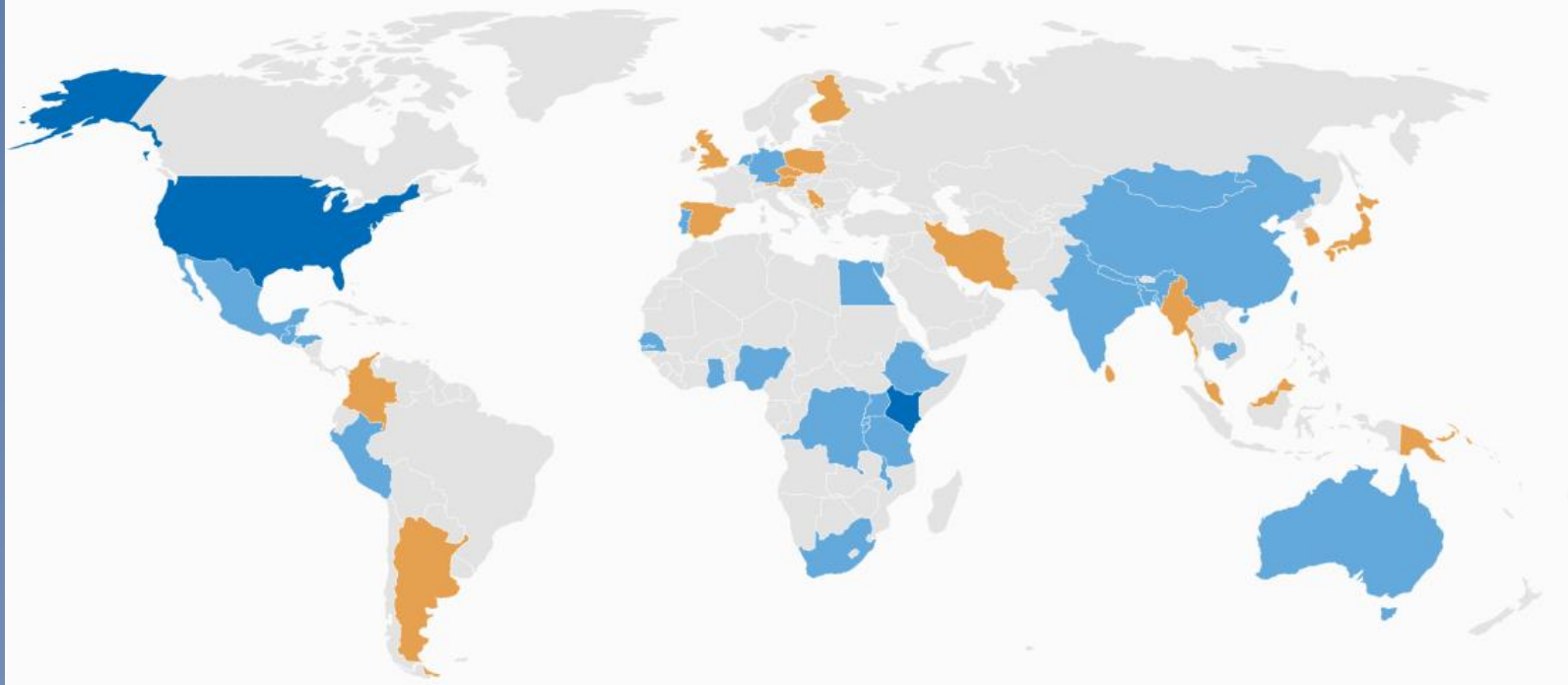
High Level Political Forum 2017

## 2. Join your country's ISO/TC 285 delegation, if it is involved.

### ISO/TC 285

Clean cookstoves and clean cooking solutions

<https://www.iso.org/committee/4857971.html?view=participation>



Secretariat ■

United States - American National Standards Institute (ANSI)

Twinned Secretariat ■

Kenya - Kenya Bureau of Standards (KEBS)

Participating Members (29) ■



Observing Members (16) ■



### 3. Be an active partner in the SCI Association.

Join an elite group of academics, decision makers, designers, manufacturers, entrepreneurs, innovators, advocates, humanitarians, environmentalists, and NGOs working to promote solar thermal cooking worldwide.

<http://www.solarcookers.org/our-work/sciassociation/association-benefits/associates-directory/>

South Asia	Jaxina Constructions Pvt. Ltd.	Rajinder Singh Korotana
	Jaxina Constructions Pvt. Ltd.	Gursimran Singh
	<a href="#">Jimmy McGilligan Centre For Sustainable Development</a>	<a href="#">Dr Mrs Janak Palta McGilligan</a>
	<a href="#">PRINCE (Promoters, Researchers, &amp; Innovators in New &amp; Clean Energy)</a>	<a href="#">Prof. Ajay Chandak</a>
	Muni Seva Ashram	<a href="#">Mr. Deepak Gadhia</a>
	Synergy Engineering and Environmental Solutions	<a href="#">Bighan Chandra Loitongbam</a>
	TinyTech Plants	<a href="#">Kedar Mehta</a>
	Vedant Solar Power	<a href="#">Kumar S Pawar</a>
	<a href="#">ACCESO</a>	<a href="#">René Bijloo</a>
	<a href="#">Applied Green Technology</a>	Mr. Roger Whitten
	<a href="#">EG-Solar</a>	<a href="#">Dr. Dieter Seifert</a>
	Heliac  <b>Silver Level</b>	Ms.Sedi Louis Byskov 🌟
	Heliac <b>Silver Level</b>	Mr. Gideon Carnigal 🌟
	Heliac <b>Silver Level</b>	Cristina Crespo Montañés
	Heliac <b>Silver Level</b>	Mr. Karsten Dupont 🌟
	Heliac <b>Silver Level</b>	Mr. Jakob Jensen 🌟
	Heliac <b>Silver Level</b>	Ms. Maria Matschuk 🌟
	Heliac <b>Silver Level</b>	Mr. Henrik Pranov 🌟
	International Solar Energy Society  <b>Bronze Level</b>	Joanna Costello 🌟
	International Solar Energy Society <b>Bronze Level</b>	Public Relations 🌟
	Kent Sudanese Society	Mr Khalid Abdalla
	<a href="#">Lernen Helfen Leben (LHL)</a>	<a href="#">Bernhard Mueller</a>
	<a href="#">Lightoven</a>	<a href="#">Dr. Hartmut Ehmler</a>
Europe <small>(Western, Northern, Southern, Eastern)</small>		



## Individual Associate benefits

### EVENTS

- Travel funding priority consideration
- Reduced fees

### KNOWLEDGE

- Webinars
- Article database
- *SCI Digest*

### NETWORKING

- SCI Associate Directory

### PUBLICITY

- *SCI Digest*
  - Feature article
  - Ad discounts
- Solar Cooking Wiki page support

### RECOGNITION

- Certificate, card, website logo
- SCI website, Wiki, Annual Report, *SCI Digest*



## Organization Associate benefits

(For NGOs, businesses, academic departments, government agencies and groups)

Levels	Bronze	Silver	Gold
# Individual Associates' benefits	3	7	10

Recognition	Networking	Events	Knowledge	Publicity
<p>Sharing your posts with SCI's 27,000+ Facebook followers*</p> <p>Retweeting your organization's Twitter tweets for SCI's 1000+ followers*</p> <p>Organization profile in SCI <i>Digest</i> twice a year*</p>	<p>Quarterly town hall meeting (conference call)</p> <p>Individual Associates benefits</p>	<p>Discounted sponsorship rates</p>	<p>Webinar certificate of participation</p>	<p>Acknowledgement as an Organizational Associate at SCI conferences and events</p> <p>Free posting for employment opportunities in SCI <i>Digest</i></p>

\*based on level

# People you'll meet...



Julie Greene,  
Executive Director



Caitlyn Hughes,  
Program Director



Loretta Pehanich,  
Development Director

Levi McGarry,  
Program Associate



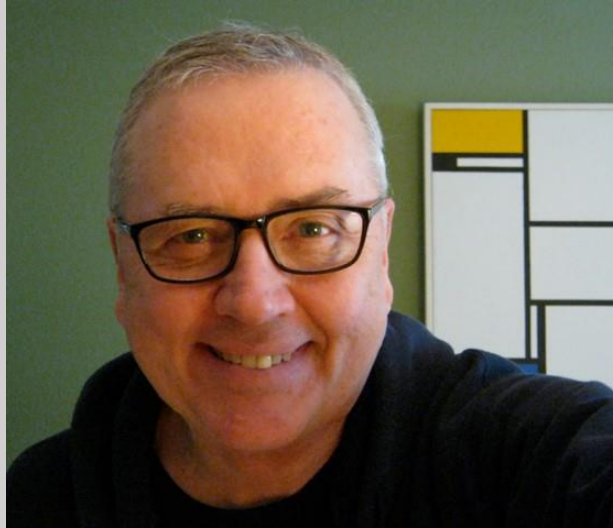
Jordyn Pruitt,  
Development Associate



# People you'll meet...



Tom Sponheim  
SCI-net wiki Webmaster  
(part-time)



Paul Hendrick  
SCI-net wiki Webmaster  
(part-time)



Ben Hendrick  
SCI-net wiki Webmaster  
(part-time)



**Thank you!**

Alan W. Bigelow, Julie L. Greene, Justin Tabatchnick and Caitlyn S. Hughes

Solar Cookers International

2400 22nd Street, Suite 210, Sacramento, California 95818 USA

[alan.bigelow@solarcookers.org](mailto:alan.bigelow@solarcookers.org)

[julie@solarcookers.org](mailto:julie@solarcookers.org)

[www.solarcookers.org](http://www.solarcookers.org)

[www.solarcookers.org](http://www.solarcookers.org)

