

ECO PARTNERSHIPS

Newsletter

January 2015 Issue No. 2

From the Secretariat

Welcome to the next installment of the U.S. – China EcoPartnerships Newsletter. The six new partnerships formed in 2014 quickly joined the ranks of existing participants that are hard at work demonstrating innovative energy, environment, and climate-savvy concepts. Exciting updates from across the portfolio are included in this issue. We enjoyed a fruitful “virtual meeting” in December that allowed EcoPartners to share ideas with their peers, and the next gathering will be the annual in-person workshop this summer in Washington D.C.

The 2015 solicitation for new EcoPartnerships will be opening soon. Stay tuned and be sure to spread news of this unique opportunity once the Secretariat makes the formal announcement. There are only a few select slots and the number of applications is likely to reach a new record this year. Thank you for your continued efforts to make EcoPartnerships such a renowned initiative. Congratulations on a job well done and, as always, keep the Secretariat posted on how we can be of service!

Partner News

Port of Los Angeles (POLA) – Port of Shanghai

In October 2014, six representatives from the [Shanghai Municipal Transportation Commission \(SMTC\)](#) visited POLA to exchange information on shore power programs and policies. The SMTC heard presentations from technical experts in POLA’s Engineering and Environmental Divisions, and the SMTC shared shore power progress and plans at the Port of Shanghai. The delegation also had the opportunity to see shore power in use at POLA’s APL Terminal and Cruise Terminal. Contact: Lisa Wunder, LWunder@portla.org



Mississippi - Yangtze

The [Yangtze River Fisheries Commission \(YFC\)](#) has been helping the U.S. address the Asian Carp invasive species in the Mississippi Basin. In September 2014, a delegation from Illinois -- comprised of academics, a state natural resources official, and a fisherman -- visited Shanghai, Wuhan and Beijing

to explore Chinese science, catch methods, and commercialization opportunities. There is a lot of interest in commercial investments and partnerships to send carp and derivative products to the Chinese market. In November, YFC organized a workshop in Shanghai to introduce The Nature Conservancy, the Bren School of Environmental Science and Management of the University of California Santa Barbara, and the Packard Foundation to experts and administrators responsible for research and management for sustainable fisheries in the East China Sea. Contact: Bob Tansey, rtansey@TNC.org

Natural Resources Defense Council – Beijing Energy Conservation and Environmental Protection Center

The partners hosted a Demand Response Workshop in support of Beijing's plan to launch a 250MW demand response pilot by next summer. The event was organized in collaboration with the China - US Energy Efficiency Alliance, ChinaSF and the US China Clean Tech Center as part of an energy efficiency trade mission to China. Contact: Mona Yew, MYew@nrdc-china.org

Tulane University - East China Normal University



The 8th Annual Meeting of U.S.-China EcoPartnership on Wetlands (Research and Eco-Development) concluded on December 9, 2014 at the University of California, Irvine. Members of the Chinese Delegation toured wetland reservation and water treatment facilities. They identified opportunities for joint research efforts and officially launched the International Innovation Center of Eco-Development (IICED). A detailed report will be available soon. Contact: Shieh Tsing Hsieh, hsieheetc@yahoo.com

Institute for Sustainable Communities (ISC) – National Center for Climate Change Strategy and International Cooperation (NCSC)

ISC and NCSC are partnering with social service organizations and environmental nonprofits to develop models of sustainable urban development (e.g. waste management, water quality, and resilient food systems) and build capacity in local governments. With 20+ international NGOs, ISC and NCSC conducted a low carbon practitioner assessment and released the findings in a report, "Climate Change and Urbanization: Challenges and Progress in China." They supported the Paulson Institute's 2014 Urban Sustainability Fellows program by presenting to 10 Guangdong Mayors on the Southeast Florida Regional Climate Change Compact, a highly effective mitigation and adaptation governance initiative. A new web portal project will house various low carbon case studies and resources. Contact: Elaine Wang, ewang@iscvt.org

Utah State - Qinghai Province

The Utah-Qinghai EcoPartnership (UQEP) presented its technology transfer model on June 26 at the China Intellectual Property (IP) Counsel Congress in Shanghai. They addressed hundreds of industry practitioners, including top attorneys at global law firms, government officials, and industry

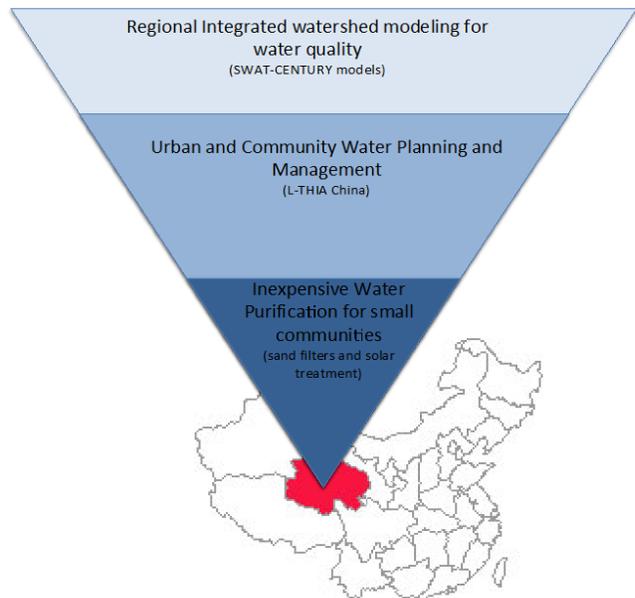
executives. UQEP's trust model was presented as an example to underscore the growing trends in intellectual property creation and utilization. The UQEP model on IP and open innovation in China was also the subject of a [recent paper published by the Diplomatic Courier's APEC edition](#). Contact: Edgar Gomez, jedgar.gomez@gmail.com

U.S.-China EcoPartnership for Environmental Sustainability (USCEES) and Utah - Qinghai

USCEES (consortium led by Purdue University) and the [Utah-Qinghai EcoPartnership](#) jointly initiated a program for water quality improvement in Qinghai, China this summer. Purdue faculty and students introduced inexpensive slow-sand biofilter technology in two rural villages that primarily rely on rainwater collection for home drinking water, in collaboration with Qinghai Normal University. Environmental and urban hydrology process models were used to assess the impact of Qinghai grasslands grazing practices on water quality, and to help urban planners make decisions about land use. In October 2014, the USCEES Annual Symposium was held in Hefei with the theme of "Water, Energy and Ecosystem Sustainable Development."

The event highlights collaborative research achievements and provides a forum for planning future projects. Contact: Timothy Filley, filley@purdue.edu

Integrated water resources management and purification initiative for rural and urban communities in Qinghai, China



City of Columbus / Franklin County – City of Hefei



Franklin County, Ohio Commissioner Paula Brooks hosted a delegation from Hefei, China in October, 2014. The delegation visited the Battelle Darby Creek Metro Park, Phoenix Golf Course (built on a former landfill), and Ohio State University's Olentangy River Wetland Research Park to explore new joint research and business opportunities related to developing an eco-town in Hefei using similar approaches. Vice Mayor Jiang Hong is pictured alongside Commissioner Brooks at the Phoenix Golf Course. Contact: Brook C. Kohn, BrookKohn@franklincountyohio.gov

Center for Climate Strategies (CCS) – Global Environment Institute (GEI)

CCS and GEI completed the China Low Carbon Development Planning and Analysis Toolkit and Chongqing Pilot in April 2014, with recognition and endorsement from the National Development

and Reform Commission for future training and planning use in China's provinces and cities. CCS and GEI are now developing curricula and training materials for national scale up of provincial and municipal Low Carbon Development plans in 30 jurisdictions over three years.

Contact: Thomas Peterson, tpeterson@climatestrategies.us

Stony Brook University - Tongji University

On April 22, [Tongji University](#) hosted a conference on addressing landfill emissions in the U.S. and China, and highlighting the role of fugitive gases in climate change. Additionally, a joint workshop was organized by Tongji University, the United Nations Environment Program and Stony Brook University on "Control, Harvesting and Utilization of Fugitive Gasses" at the annual Zhongguancun Forum in September, which involved four EcoPartnerships. The parties also signed a Statement of Intent for the establishment of a "U.S.-Sino Innovation Center on Energy and Environment: Focus on Greenhouse Gas Control and Utilization". The biogas purification technology site at the Town of Brookhaven landfill has begun processing waste gasses, and will be instrumental in testing new joint technologies.



Contact: Devinder Mahajan, devinder.mahajan@stonybrook.edu

Resources and Points of Contact

Federal Grants: www.Grants.Gov

U.S. Department of State: [East Asia and Pacific Region News](#)

EcoPartnerships Program Website: www.ecopartnerships.gov

Secretariat:

Vickie Gunderson	EcoPartnerships Officer – China Desk	gundersonvl@state.gov	202 647-1863
Brian Holuj	Secretariat Coordinator	brian.holuj@ee.doe.gov	202 287-1357
Vatsal Bhatt	Secretariat Staff	vbhatt@bnl.gov	631 294-9059
Bill Nesmith	Secretariat Staff	wnesmith@naseo.org	503 580-4499