# Jun Tian

Associate Economic Officer

Energy Security and Water Resources Section, Environment and Development Division

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## EDUCATION

**Ph.D** 2014 Center for Energy and Environmental Policy

**University of Delaware, Newark, DE**

**M.A**  2005 Center for Energy and Environmental Policy

**University of Delaware, Newark, DE**

**B.S** 1999 Department of Chemical Engineering

**Sichuan University, Chengdu, China**

## PROFESSIONAL TRAININGS

* Economics (Part-time program ~ Master’s degree equivalent) (August 2001 ~ July 2003)

University of International Business and Economics, Beijing, China

## SKILLS

* Computer Skills: Microsoft Office, SPSS, ArcGIS, EViews, Palisade Decision Tools
* Language: Chinese (native), English (fluent) and Spanish (preliminary)
* Excellent research and analytical skills
* Highly motivated and dependable in achieving set goals
* Good at team work and inter-personal communications

## PROFESSIONAL EXPERIENCE

**In Thailand (Jan 2015 ~ present):**

* **Energy Security and Water Resources Section, Environment and Development Division, The United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)**
* Collecting, evaluating, interpreting, analyzing specified statistics and policies information obtained from a variety of source to facilitate the review of the progress made in the implementation of the outcomes of the Asian and Pacific Energy Forum
* Compiling and analyzing the data and other information necessary for the preparation of technical cooperation project proposals in the area of energy and sustainable development
* Assisting in the organization and servicing of expert group meetings, seminars organized by the Section including for inter-agency coordination in relevant thematic areas as well as the UN-Energy and UN-Energy Asia-Pacific

**In U.S (2003 ~ 2012):**

* **Center for Energy and Environmental Policy, University of Delaware.**
* *Expanding the Implementation of the Energy Efficiency Initiative in Developing Member Countries,* funded by the Asian Development Bank
* *Review of Environmental, Economic and Policy Trends in Solar Energy,* funded by the World Bank
* *Estimating Vehicle-Miles-Traveled by Vehicle Class for the State of Delaware,* funded by the Delaware Department of Transportation
* *A* *Comparative Study of the Transition to a Hydrogen Economy, the China and U.S. Cases,* funded by the British Petroleum Foundation
* *Investigating the Cost, Liability and Reliability of Anti-Idling Equipment for Trucks,* funded by Delaware Department of Transportation
* *Greening Vehicles in the State of Delaware,* funded by Delaware General Assembly
* *U.S. Policy Experience in Promoting Energy Efficiency and Renewable Energy,* a study prepared for the People’s Congress of China as a reference for revision of Energy Conservation Law
* *China’s Renewable Energy Policies and Market Potentials,* funded by Korea Energy Economics Institute
* *Renewable Energy Applications for Delaware Yearly: Integrating Photovoltaic Systems into Public Sector Performance Contracts in Delaware* funded by a grant from Connectiv Power Delivery
* *Health, Ecological, Energy and Economic Impacts of the “4-in-1” System and Institutional Strategies for Its Successful Application in Rural China* funded by Blue Moon Fund (formerly, the W. Alton Jones Foundation)
* *Clean Development Mechanism (CDM) potential in Asia,* focusing on regional strategies involving China, Japan, India, South Korea and North Korea as part of assessing Asia’s energy opportunities and barriers, funded by Korea Energy Economics Institute
* **Foundation for Renewable Energy and Environment (July ~ December, 2011)**
* Research on *Expanding the Implementation of Energy Efficiency Initiative in Developing Member Countries,* funded by Asian Development Bank
* **Lawrence Berkeley National Laboratory, Washington D.C Office (Summer 2005)**
* Research on implementation of the Federal Energy Management Program,developedestimating tools for energy and cost savings from energy-efficient government purchasing
* **Lawrence Berkeley National Laboratory, Washington D.C Office (Summer 2004)**
* Research on *Promoting an Energy-Efficient Public Sector,* investigated policies and programs in this sector in several countries, and developed a spreadsheet calculator “PEPS Energy Savings Tool” to estimate energy and monetary savings due to public sector energy-efficient purchasing, which has been translated into Chinese and Spanish, available online at: <http://www.pepsonline.org/publications/ESTv2.xls>
* Project support for *Clean Air Regulations, Technology Improvements to Reduce Emissions and Increase Public Transportation,* a project co-sponsored by US EPA, US Federal Transit Administration and Chinese EPA, Chinese Ministry of Construction

### In Germany (August ~ November 2012):

* **Finance, Technology and Capacity Building, UNFCCC Secretariat**
* Assist developing a background paper on technology roadmap
* Develop an online inventory of technology roadmap

### In the Philippines (2008 Summer):

* **Regional and Sustainable Development Department, Asian Development Bank (Summer 2008)**
* Research on development potential of various biofuel feedstock types in Asian countries

### In China (2000~2003):

* **Project Management Office of the World Bank/GEF China Renewable Energy Development Project (April 2002 ~ August 2003)**
* Provided project management assistance for PV technology improvement; compiled reports and plans for PMO; organized project activities; conducted investigation and field studies
* Study on *China Photovoltaic Industry Development Issues and Options,* investigated the impact of competing PV projects on competitive market development
* **Chinese Renewable Energy Industry Association, China (August, 2000 ~ April, 2002)**
* Project support for *UNDP/GEF Capacity Building for the Rapid Commercialization of Renewable Energy in China*
* Implemented *UNF project of Capacity Building of Integrated Solar Water Heating in China*
* Assistance to the *Production Technology & Product Marketing Consortium* under *UNIDO/MOA Township-Village Enterprises Project*
* Project development for *Inner Mongolia Huitengxile Wind Farm Project,* the first CDM project in China

## TEACHING EXPERIENCE

* **University of Delaware**
* Guest Lecturing for *ENEP821:* *Technology, Environment and the Society*, a mandatory course for Ph.D. student (2010 fall semester and 2011 fall semester)
* Co-taught a course on *GEOG236 Conservation: Global Issues* (2007 fall semester)
* Developed an online tutorial module on policy and economics for NSF solar hydrogen IGRET (Integrative Graduate Education and Research Traineeship at the University of Delaware) fellows (2007 summer)
* **Guizhou University of Technology, Guiyang (July 1999 ~ July 2000)**
* Mentored fellow students by providing advisory services for student activities; organized agenda for students bimonthly meetings
* Taught chemical engineering course to junior college students; supervised exercises; directed experiments and projects; administered and led question and answer session

## HONORS/ACHIEVEMENTS

* FREE (Foundation for Renewable Energy and Environment) Mind Award (2014)
* CEEP Leadership Prize (2005, 2009, 2012)
* CEEP (Center for Energy and Environmental Policy) Research Assistantship (2003 ~ 2011)
* University of Delaware Dissertation Fellowship (2009)
* “On the Spot” Award from Lawrence Berkeley National Laboratory (2004)
* Excellent Student Leadership, Sichuan University (1999)
* Excellent Student GuangHua Prize, Sichuan University (1999)
* Scholarship from Sichuan University (1996, 1997, 1998)
* Excellent Student Award, Sichuan University (1996)