



The ProSPER.Net-Scopus Young Scientist Award in Sustainable Development is given annually to young scientists or researchers, based in the Asia-Pacific region, who have made significant contributions in the area of Sustainable Development.

For 2010, awards were given in each of four areas: **Energy, Water, Agriculture & Food Security,** and **Economics, Business, & Management.**

There were five winners in 2010. The winners and runners-up presented their research at a symposium held at Tongji University, Shanghai, China, on 5 July 2010, and were honoured with awards the same day.

[The list of winners and runners-up](#)

#### **CATEGORY: BUSINESS, ECONOMICS AND MANAGEMENT**

Winner: Zhou Peng

Nanjing University of Aeronautics and Astronautics (NUAA), China

Research area: Benchmarking energy and environmental performance for a low-carbon future

#### **CATEGORY: AGRICULTURE AND FOOD SECURITY**

Winner 1: Chin Ping Tan

Department of Food Technology of the Universiti Putra Malaysia

Research area: Production of healthful lipids from the oil palm

Winner 2: Zhengqiang Jiang

China Agricultural University

Research Area: Enzymes, particularly xylanases, with industrial application in food preservation

Runner up: Markus Riegler

Centre for Plants and the Environment, University of Western Sydney

Research area: Lessons learned from insects applicable to the sustainability of agro and forest ecosystems

#### **CATEGORY: ENERGY**

Winner: S. Venkata Mohan

Indian Institute of Chemical Technology (IICT) Tarnaka, Hyderabad

Research area: Using waste or waste water to generate clean bio fuels

First runner up: Zahangiralam

Department of Biotechnology Engineering Faculty of Engineering, International Islamic University Malaysia, Gombak, Kuala Lumpur

Research area: Bioenergy, particularly the production of bioethanol from fruit and plant based waste, and biodiesel from palm oil sludge.

Second runner up: Cesare Soci

School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore

Research area: Third generation solar cells

### **CATEGORY: WATER**

Winner: Bingcai Pan

School of the Environment, Nanjing University, China

Research area: Development of polymer-based adsorbents

First runner up: Vimal Chandra Srivastava

Department of Chemical Engineering, Indian Institute of Technology Roorkee

Research area: Treatment of industrial wastes

Second runner up: Sheng Guo-Ping

Department of Chemistry, University of Science and Technology of China

Research area: Biological municipal wastewater treatment, particularly the technique of using aerobic granules in treatment

*Winners are chosen on the basis of 3 criteria: number of citations, number and quality of publications and patents, and documented social impact. They receive a cash award and are offered a fellowship from the International Bureau of the German Ministry of Education which provides travel and living expenses to spend up to a year collaborating with any research group of the recipient's choosing in Germany.*