

Workshop

***on agricultural land use and its effect
in APEC member economies***

Handbook for participants



**Asia-Pacific
Economic Cooperation**

Agricultural Technical Cooperation
Working Group

Project No. ATC 01/2009

**Funded by: APEC Central Fund and
MOA, P. R. China**

Cosponsor: Canada, the U.S. and Thailand

Beijing, P. R. China

Oct. 19-22, 2009



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Beijing, P. R. China October. 19-22, 2009

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Introduction

Warmly welcome to all participants of the workshop on agricultural land use (ALU) and its effect in APEC member economies.

With its rapid economic development and huge populations, dramatic agricultural land use changes occurred among APEC economies in the past decades. Sequences caused by those changes greatly impact the life of people in the area. Change of agricultural land use is said to be the main reason of existing food security crisis. Under this circumstance, the main objectives of this workshop are designed as follow:

- To provide a platform to share expertise and to exchange study achievements of ALU management;
- To strengthen cooperation in the field of ALU to meet challenges of globe change, and to guarantee food security;
- To promote sustainable agricultural development in APEC economies.

Sponsor and Organizer

Funded by APEC Central Fund and the MOA of P.R.China.

Co-sponsored by Canada, the U.S. and Thailand.

Organized by the Institute of Agricultural Resources and Regional Planning (IARRP), Chinese Academy of Agricultural Sciences (CAAS).

Date and Venue

The Workshop on Agricultural Land Use (ALU) and its Effect in APEC member economies will be held from **October 19-22, 2009**, at the **Central Garden Hotel**, No.18, Gaoliangqiao Xie Street, Haidian District, Beijing, P. R. China.

Accommodation

Located in downtown of the capital, but designed as a classical Chinese garden, the meeting venue, Beijing Central Garden Hotel, is a 4 standard hotel, only 1 km away from the newly-built Xizhimen Transport hub.

Adjacent to the world's largest inland ocean aquarium, Beijing Aquarium also close to the Beijing Zoo, the financial district and Technology Park, the State Guest House, the historical Summer Palace, and the Houhai Hutong Entertainment area, the Beijing Central Garden Hotel providing an excellent base from which to explore Beijing's many attractions.

Distance: to Xidan Shopping Street: 8 km

to Beijing Capital International Airport: 32 km

to Beijing West Railway Station: 12 km

Journey time for the major scenic spots

Summer Palace: 35 min

Great Wall: 1.5 hours

Fragrant Mountain: 35 min

Imperial Palace: 30 min

The Temple of Heaven: 45 min

North Sea Park: 25 min

Tian'anmen Square: 30 min

There are three types of room: Deluxe Suit, Deluxe Single, and Standard Double. The room rate includes tax, service fee, and free internet. Cash and Credit cards will be accepted.

In order to satisfy your convenience, the organizing committee arranges group buffet at Quick & Easy Café every day. The discount catering price for each participant is **USD 30 per day** (including breakfast, lunch and dinner). You can make your meal reservation when you check in.

Airport Connections

Via Taxi

Taxis can be easily found on the ground floor of the domestic and international arrival halls. Taxi fare between Beijing Capital International airport and Beijing Central Garden Hotel generally costs around USD 15 - USD 18 (approximately 40 minutes) per journey (inclusive of toll fee). **Taking taxi is highly recommended**, for its safety, convenience and highly-efficiency.

Via Airport Buses

The Airport Buses also can be found on the ground floor of the arrival halls. The Bus Route 5, Capital Airport - Zhongguancun is recommended, the terminal station Zhongguancun is close to the Beijing Central Garden Hotel, taxi fee is about USD 2. Details about airport bus can be checked at <http://en.bcia.com.cn/traffic-manual/airport-bus.shtml>. The journey (approximately 1 hour) generally costs around USD 6 per person in total.

Via Airport Express

From Beijing Capital Airport, the Airport Express connects to the city's main public subway (light rail) system. To reach the Xizhimen station located beside the Beijing Central Garden Hotel from the Airport, you should disembark at Dongzhimen station, the terminal of the Airport Express, then transfer to Line 2. Taking taxi from Xizhimen station to Beijing Central Garden Hotel will cost you USD 1- USD 2. And the total cost will be USD 7 per person (USD 5 for subway).

Stay in Beijing

Currency and Credit Cards

The Chinese currency is known as renminbi (RMB). The basic unit of Chinese currency is called Yuan (CNY). Credit cards are acceptable in major hotels as well as shopping malls.

Here are the most recent exchange rates for some common currencies.

RMB 100 equals:

15 US Dollar (USD)

19 Australian Dollar (AUD)

16 Canadian Dollar (CAD)

The amount of US\$5,000 or equivalent of foreign currency can be freely brought into or out of China. Other sums must be declared to the customs upon arrival or departure. Internationally recognized credit cards are accepted in all major hotels and some restaurants, department stores and shops. Please check it before transaction.

Weather

Spring and autumn is the best time to visit Beijing as the skies are clear and the weather is very comfortable. The average temperature in October is about 15°C. Highest can be 18°C-20°C, with lowest 8°C-10°C. Due to the large temperature difference between day and night in Late Autumn, carrying a coat with you at evening is recommended.

Bilingual weather information can be obtained by dialing 121 when in Beijing. Also weather forecast can be checked at this website:

<http://www.weather.com.cn/english/>

Transportation

Taxis

All taxis in Beijing are cheap and plentiful, and always on the lookout for customers. Most taxis are metered with the same start up rate at 10 Yuan for the first 3 km, thereafter 2 Yuan per km. Taxis are available at the hotel or may be hailed from the street.

Buses

The Beijing bus system is both extensive and economical. However, please note that service may be irregular and buses are often crowded during peak hours.

Subway (light Rail)

Beijing's subway system offers rapid service to major business and shopping districts. A station named Xizhimen is located near to the Beijing Central Garden Hotel.

Trains

Trains offer an efficient, scenic way of travelling within China. Trains link most parts of the country with reliable service. You may travel in one of four classes: Soft Seat or Soft Sleeper with air-conditioned; and the Hard Seat or Hard Sleeper (more economical).

Telecommunication Services

International call as well as local call can be made in your room, please dial 9 (+ country code + area code) + local telephone number. You also can dial 6 + room number to make a room-room call, which is free of charge.

Medical Care

Medical service is available at both hotels; they provide 24-hour on call medical service. In case of emergency, the Organizing Committee can be contacted to escort to the nearest hospital.

Business Hours

Bank Hours: 8:30am to 5:00pm Monday through Saturday

Office Hours: 9:00am to 5:00pm Monday through Friday

Shop Hours: 9:00am to 9:00pm Monday through Sunday

Bank & Money Exchange

Most foreign currencies are easily changed at banks, hotels or money changers. Both hotels provide money exchange service all day long. ATM is available in many places, accepting card of VISA, MASTER, ALTO and more. And there is an ATM of BC (Bank of China) available at the lobby of Beijing Central Garden Hotel.

Electricity

Electricity in China is 220 Volts, alternating at 50 cycles per second. If you travel to China with a device that does not accept 220 Volts at 50 Hertz, you'd better be well prepared before the travel. It is advisable to check electricity supplies before using any appliances.

Plug/Outlet that can be used in China:

| | | | | | | |
|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| North America Grounded NEMA 5-15 | Japan Non-grounded JIS C 8303 | Europe German style CEE7/4 Schuko | Europe French style Schuko | Europe/Russia Non-grounded CEE7/16 Europlug | Great Britain Grounded BS-1363 | Great Britain "Shaver socket" BS-4573 |
|  |  |  |  |  |  |  |
| Australia/China Grounded AS-3112 | Italy Grounded CEI 23-16 | Switzerland Grounded SEV-1011 | Denmark Grounded SRAF 1962/DB | Israel Grounded SI 32 (IS 16A-R) | India Grounded BS-546 "Small" | South Africa Grounded BS-546 "Large" |

Contact Details

If you have any questions, please contact:

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Annex 1

Workshop Program (Oct. 20)

| | | |
|---|--|------------------------------|
| 07.30-08.30 | Breakfast | Quick & Easy Café |
| Session 1, Opening Ceremony and Keynote Speeches, Chaired by: Dr. Youqi CHEN | | |
| 09.00-09.30 | Welcome Speeches by: Xianguo TONG, First Secretary, Ministry of Foreign Affairs, P. R. China Zhiqiang WANG, Division Director, Ministry of Agriculture, P. R. China Minggang XU, Deputy Director General, Institute of Agricultural Resources and Regional Planning, CAAS | |
| 09.30-10.00 | Applying High Technology to Enhance Agricultural Land Protection and Rational Utilization | Dr. Tailai YAN |
| 10.00-10.30 | Flexible Farming System Strategies for Economic and Environmental Sustainability | Mr. Bob Eilers |
| 10.30-10.40 | Refreshment Break and Group photo | |
| Session 2, Co-Chaired by: Mr. Bob Eilers and Dr. Tailai YAN | | |
| 10.40-11.10 | Cropland Use and Carbon Sequestration in China and Climate Change | Dr. Minggang XU |
| 11.10-11.40 | Agricultural land use and its effect in Thailand | Dr. Pitayakon Limtong |
| 11.40-13.00 | Lunch | Quick & Easy Café |
| Session 3, Co-Chaired by: Dr. Nguyen Cong Vinh and Dr. Pitayakon Limtong | | |
| 13.00-13.30 | CHARMS- An operational Crop Monitoring System with Remote Sensing in China | Dr. Zhongxin CHEN |
| 13.30-14.00 | Agricultural Land Use Policy and Management in Chinese Taipei | Ms. Yu-Chen Wang |
| 14.00-14.30 | Effect of ALU on climate change and food security | Mr. Dominciano JR Ramos |
| 14.30-15.00 | An Integrated Modeling Framework to Understand Agricultural Land-Use Changes at a Global-scale | Dr. Wenbin WU |
| 15.00-15.10 | Refreshment Break | |
| Session 4, Co-Chaired by: Ms. Yu-Chen Wang and Dr. Zhongxin CHEN | | |
| 15.10-15.35 | Agriculture land use in Mexico | Mr. Marco A.Caballero |
| 15.35-16.00 | Land utilization and agricultural development in Viet Nam | Dr. Nguyen Cong Vinh |
| 16.00-16.25 | Increasing land productivity via cropping the winter fallow land in Southern China | Dr. Wenjuan LI |
| 16.25-16.50 | Cultivated Land Quality Change and Engineering Countermeasures in the Northeast Region of China | Dr. Yanmin YAO |
| 16.50-17.15 | The Evolution of the Chilean Agricultural Sector in an Outward-Oriented Economy | Dr. Alfredo Apey G. |
| 17.15-17.40 | Agricultural land use changes and its effect on food security in Northeast China | Dr. Youqi CHEN |
| 18.00-19.00 | Dinner | Quick & Easy Café |



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Annex 1(to be continued)

Workshop Program (Oct. 21)

| | |
|--|-------------------------------------|
| 07.30-08.30 Breakfast | Quick & Easy Café |
| Session 5, Co-Chaired by: Dr. Alfredo Apey G and Dr. Tongke ZHAO | |
| 08.50-09.20 Agricultural land use mapping and decision-support in Australia | Dr. Robert Lesslie |
| 09.20-09.50 Modeling and monitoring of grassland NPP in Northern China | Dr. Xiaoping XIN |
| 09.50-10.00 Simulating Annealing for Land-use Planning | Dr. Xinsheng WANG |
| 10.00-10.30 Refreshment Break | |
| Session 6, Co-Chaired by: Mr. Dominciano JR Ramos and Dr. Xiaoping XIN | |
| 10.30-11.00 Sustainable utilization of land resources in Beijing | Dr. Tongke ZHAO |
| 11.00-11.30 Conservation of the northeast black soil area and China's food security | Dr. Yeqing CHENG |
| 11.30-12.00 Current status and development orientation of agriculture in Viet Nam | Mr. Pham Van Thanh |
| 12.00-13.00 Lunch | Quick & Easy Café |
| Session 7, Co-Chaired by: Mr. Marco Antonio Caballero and Dr. Wenjiang HUANG | |
| 13.00-13.25 The protection of cultivated land based on food security in the economic area of Zhujiang Delta | Ms. Huijun TANG |
| 13.25-13.55 Impacts of Climate Change on Agroecosystem at Regional Level | Dr. Peng YANG |
| 13.55-14.25 Agricultural land use changes and its effect to food security and environmental quality in Indonesia | Dr. Haris Syahbudin |
| 14.25-14.50 Spatialization of Agriculture Statistical Data: from county-scale to pixel-scale | Dr. Shuqin SHI |
| 14.50-15.00 Refreshment Break | |
| Session 8, Co-Chaired by: Dr. Haris Syahbudin and Dr. Peng YANG | |
| 15.00-15.30 Land use mapping and Effect assessment by remote sensing and GIS | Dr. Wenjiang HUANG |
| 15.30-15.55 TBD | Dr. Binggeng XIE |
| 15.55-16.15 Spatial variability of available soil medium- and micro-element in Jilin middle plain | Dr. Zhibin LI |
| 16.15-16.35 GIS-based Multicriteria Analysis for Agricultural Land Use Planning in the Western Region of Quang Tri Province, Vietnam | Mr. Nguyen Thanh Tuan |
| 16.35-16.55 Efficiency analysis of agricultural land use based on DEA method | Mr. Qiangyi YU |
| Session 9, Discussion and Closing Ceremony Co-Chaired by: Dr. Robert Lesslie and Dr. Youqi CHEN | |
| 16.55-17.25 Discussion | |
| 17.25-17.40 Closing Remarks by Mr. Xiaoping LU, Deputy Direct General, Department of International Cooperation, MOA, P. R. China | |
| 18.00-20.00 Dinner, Hosted by MOA, P. R. China | Beijing Central Garden Hotel |



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Annex2

Information for Field Trip

The Organizing Committee will facilitate one field trip, on October 22, 2009. Participants will take air-conditioned shuttles to visit the **National Research Base for Precision Agriculture** in Changping District, Beijing; and to enjoy the world famous **Badaling Great Wall** as well as the mysterious underground palace: The **Ming Tombs**.

The below is a tentative timetable of the field trip.

| | | |
|-----------|-------------|--|
| Pick-up: | 08:30 | Lobby of Beijing Central Garden Hotel |
| Visiting: | 09:00-10:00 | National Research Base for Precision Agriculture |
| | 10:30-12.00 | The Ming Tombs |
| Lunch: | 12:15-13:30 | Famous Restaurant in Changping District |
| Visiting: | 14:00-16:00 | Badaling Great Wall |
| Dinner: | 18:00-20:00 | Jiayuan Restaurant at Downtown of Beijing |
| Return: | 20:30 | Beijing Central Garden Hotel |



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Annex 3

Health Tips (Prevention of A/H1N1)

As the outbreak of Influenza A (H1N1) is still ongoing, China vows to strengthen the prevention and control of the A/H1N1 flu virus in October, amid fears that the situation will worsen through autumn. In order to meet the requirement of the Chinese government as well as for the health of yourself and others, please read the following contents carefully:

The latent period of influenza A (H1N1) virus ranges from 1 to 7 days. Symptoms of influenza A (H1N1) in humans are usually similar to regular human seasonal influenza symptoms:

- Fever;
- Respiratory symptoms such as cough or running nose;
- Sore throat;
- Possibly other symptoms such as: Body aches (particularly muscle pain), Headache, Chills, Fatigue and Vomiting or diarrhea (not typical for influenza but reported by some of the recent cases of the new influenza).

The following precautions are needed if you came from areas with reported cases in several days.

- Covering your mouth and nose with a tissue when coughing or sneezing;
- Washing your hands often with soap and water, especially after you cough or sneeze;
- Avoiding touching your eyes, nose or mouth.

Once any suspicious symptoms occur or you feel uncomfortable, please contact the Organizing Committee as soon as possible.



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Annex 4

City Map





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Annex 5

Instruction to the Hotel (to be printed)

Show it to the driver when you taking taxi from airport to the hotel.

**请送我至：北京中苑宾馆，
海淀区高粱桥斜街 18 号，
北京海洋馆旁。**

**Please take me to the Beijing
Central Garden Hotel.**

**No.18, Gaoliangqiao Xie Street,
Haidian District.**

Adjacent to the Beijing Aquarium