

# Performance and Achievements

In 2017, nine training sessions undertaken by the Center had attracted a total of 204 participants from 55 countries all around the world. Three types of training that had been conducted are as follows:

(1) Co-sponsored Regular Session, including the 133<sup>rd</sup> Regular Session on Land Policy for Sustainable Rural Development, the 134<sup>th</sup> Regular Session on Land Taxation and Valuation, the 135<sup>th</sup> Regular Session on Infrastructure Development and Planning and the 136<sup>th</sup> Regular Session on Agricultural Development and Policy. The regular sessions sought to provide a platform for the participants to exchange experiences and open up discussion for related themes. Furthermore, participants could apply learned knowledge to their challenges encountered at work, and the in-class idea exchange could benefit them with solution finding. These sessions targeted at middle-level officials and experts, and were sponsored by the Lincoln Institute, the COA and Ministry of Foreign Affairs (MOFA), Ministry of the Interior (MOI) and the Center.

(2) International training sponsored by ROC Government, including two sessions supported by the MOFA, the Seminar on the Geographical Information System and Land Management, and the Seminar on Knowledge-based Economy and City Competitiveness. These two seminars aimed to inspire the participants with Taiwan experience shared by respectful

local professors. Participants could further explore the most updated technology developed by both Taiwan's public and private sectors. Additionally, one seminar for Vietnamese high ranking officials was held to facilitate ROC Government's New Southbound Policy. Under the theme of sustainable agriculture, keynote speeches, discussion, field and cultural visits were arranged.

(3) International training commissioned by foreign countries, two sessions, Fish Farming, and Plant Quarantine and the Safety of Plant Imports, were commissioned by the Kingdom of Saudi Arabia. Lectures and formal visits to governmental agencies were carried out through the 2-week courses. Officials from Saudi Arabia took the advantage of acquiring advices and answers to their problems from the local researchers and institutions.

The training course in general contained three essential parts in the curriculum for participants to acquire and exchange related knowledge. The first part was lectures and discussions. For the regular sessions, the course coordinator helped to shape the course structure and content. The Center then invited renowned international professors to deliver lectures on theories and issues related to the themes and local professors to share Taiwan experiences. The professors widely used case studies, group works, in-class assignments and role-play activities to facilitate the understanding of

comprehensive lecture content. For the seminars, they targeted at middle and high-level officials and experts. These seminars emphasized more on Taiwan experience in the areas of advanced technology on GIS applications and strategy on city competitiveness. For this purpose, local professors and experts were invited to share their observations. Please see Appendix for more faculty information.

The second part focused on exchanging ideas and professional knowledge among participants and professors. Every course was designed to provide sufficient time for participants to share their perspectives and insights through country presentations. Participants presented cases and problems faced by different countries. Both presenters and their fellow participants could gain knowledge and learn from other countries' successful cases or mistakes. Moreover, the summary and precious advice from course coordinators and professors helped clarify the issues and facilitate

mutual interaction. In order to encourage participants to put most efforts into their presentations, the Center awarded the best presenters of each course. The presenters received certificates of extraordinary merit for their excellent dedication.

Last but not least, the Center arranged field trips to related public and private sectors for participants to refresh what they had studied in class and to learn from local experiences. Field trips served as a great forum to get firsthand observation and practical ideas. Beside the formal visits and lectures mentioned above, the Center also organized some extra-curricula activities such as introducing Taiwan, speaking Chinese, visiting tourist attractions, sport games and parties. Those activities which had received rave feedbacks from the participants were aimed at providing them a better understanding of Taiwan and helping them build bonds with one another. Taiwan was overall deemed by the participants as their second home.



Visit Land Reform Museum, guided by Professor Jim Riddell



Lecture at the Center

# Co-sponsored Regular Sessions

## The 133<sup>rd</sup> Regular Session on Land Policy for Sustainable Rural Development

This four-week session was held from May 19 to June 16 along with the 134<sup>th</sup> Regular Session on Land Taxation and Valuation. Professor Jim Riddell served as Course Coordinator. The participants were middle-level officials and experts with land policy, land administration and rural development background. There were 31 participants from 30 countries joined this session.

### Lectures and Discussions

Lectures and discussions in RS133 were given and led by four overseas and six local lecturers. Themes in this session are shown as follows:

- (1) Week one, "Rural Economy and Development", led by Professors Bastiaan Philip Reydon, Jimmy T.Y. Chou and Shih-jung Hsu. Topics including Land Ownership and Development, Land Information System in Taiwan, and Sustainable Development were covered.
- (2) Week two, "Situating the Local in Land Relations", contributed by Professors Laura German, Tzu-cin Lin and Ai-ching Yen. Topics including Land Economics, Rural Resources, and Indigenous Land Tenure Right were covered.
- (3) Week three, "Managing Local Governance for Sustainable Development", dedicated by Dr. Rainer Adam, Regional Director of Friedrich Naumann Foundation, Professors Kuo-ching Lin and Chien-hung Tung. Topics including Rural Land Use Planning, Rural Governance Experience, and NGO Activities were covered.

### Country Presentation

Pivotal to the training, participants were asked to prepare country report. Content of the report should cover basic country profile, present projects or struggles and applied strategies all related to the theme of the training course. Feedbacks and advices from lecturers and other participants were valued a great deal by every presenter. Please see below for the topics contributed by the participants:

Country	Presentation Topic
<b>Week 1: Rural Economy and Development</b>	
Czech Republic	Regional Development in the Czech Republic
Ghana	Integrated Human Settlements Planning for Sustainable Development
Poland	The Heritage of Polish State-owned Farms
Mexico	Mexico City's Conservation Land and Its Land Use Policy
Bosnia	Agricultural Reforms in Bosnia and Herzegovina
Peru	Rural Development and Eco-friendly Business in Peru
Papua New Guinea	A Land Use Planning and Development in Local Communities
Swaziland	Land Tenure in Swaziland
Brazil	Main Aspects of Brazilian Agriculture: The Challenging of Sustainability
Taiwan	Rural Regeneration
<b>Week 2: Situating the Local in Land Relations</b>	
Estonia	Land Management in Estonia
Belize	Land Management
Zambia	Management and Administration of Resources and Rural Development
Burkina Faso	The New Rural Land Law of Burkina Faso
Fiji	Land Administration and Land Issues in Fiji
Turkey	Land Management in Turkey
Mauritius	Land Management & Development in Mauritius
Mongolia	Land Cadastre Issues in Mongolia
Malaysia	Rubber Industry in Rural Area
Nauru	Land Tenure System in Nauru
Haiti	Land Administration System in Haiti
<b>Week 3: Managing Local Governance for Sustainable Development</b>	
Saint Kitts and Nevis	Land Tenure & Rural Development in St. Kitts
Argentina	Entrepreneurship for Rural Development
Belarus	Land Cadastre in Belarus
Vietnam	Sustainable Land-Use Planning
Russia	Monitoring of Agricultural Land on the Basis of GIS
Honduras	Towards a Decentralized Land Governance



Country	Presentation Topic
Guatemala	Land Tenure in Guatemala
Jordan	Jordan Challenges
St. Vincent and the Grenadines	St. Vincent and the Grenadines: Our Rural Opening to the World
St. Vincent and the Grenadines	Agricultural Development as It Relates to Land Policy in SVG

## Field Trips

There were a number of governments and research organizations arranged in the field trip:

- (1) GIS Center of the Feng-Chia University: GIS management and application from disaster prevention and Unmanned Aerial Vehicle (UAV) demonstration.
- (2) Land Administration Bureau of Taichung City Government: land registration and land valuation.
- (3) Caotun Farmers' Association (FA): the agricultural production team, the role of FA as a bridge between local government and farmers, subsidies provides by government.
- (4) Council of Agriculture: rural community development and land policy.
- (5) Green Bamboo Community: rural planning and development, exchanging experience with bamboo shoot farmers.



Wind-up Discussion on the Last Day of the Training



Visit Plant Factory and Agriculture Facilities Expo

## The 134<sup>th</sup> Regular Session on Land Taxation and Valuation

This four-week session was also held from May 19 to June 16 with the 133<sup>rd</sup> Regular Session on Land Policy for Sustainable Rural Development held at the same time. Professor Steve Tsui served as Course Coordinator. The participants were middle level officials and experts with land taxation, land evaluation or public finance background. 22 participants from 19 countries joined this session.

### Lectures and Discussions

Lectures and discussions in RS134 were given and led by three overseas and three local lecturers. Themes in this session are shown as follows:

- (1) Week one, "Economics, Taxation Policy and Theory", conducted by Professors William O'Brien and Steve Tsui. Topics including Government Finance, Tax Policy, Economic Analysis in Tax Policy and Defining Tax Bases were covered.
- (2) Week two, "Public Finance", contributed by Professors John Anderson, Steve Tsui and Kung-cheng Lin. Topics including Intergovernmental Finance, Reforming the Land Tax System and Local Government Finance in Taiwan were covered.
- (3) Week three, "Land Valuation", dedicated by Mr. Stephen Roach of JONES, ROACH & CARINGELLA Inc. and professors Tzuchin Lin. Topics including Valuation for Property Tax, The Cost and Income Capitalization Approaches, and Methods of Mass Appraisal were covered.

### Country Presentation

Pivotal to the training, participants were asked to prepare country report. Content of the report should cover basic country profile, present projects or struggles and applied strategies all related to the theme of the training course. Feedbacks and advices from lecturers and other participants were valued a great deal by every presenter. Please see below for the topics contributed by the participants:

Country	Presentation Topic
<b>Week 1: Finance and Taxation Policy in the Participating Countries</b>	
Hungary	Hungary's Tax System, Land Valuation and "Land for the Farmers" Program
Haiti	Haitian Tax System
Peru	Property Tax in Peru
Poland	Land Taxation and Valuation in Poland
Thailand	Land Valuation for Property Tax
Dominican Republic	DR Has it All!
Georgia	Tax and Legal
<b>Week 2: Local Public Finance in the Participating Countries</b>	
Armenia	Armenia
Haiti	Property Tax in Haiti
Turkey	Turkey and Ankapark
Vietnam	Land Law of Vietnam
Brazil	Brazil at a Glance
Czech Republic	Tax System of Czech Republic: Property Tax
ROC (Taiwan)	The Reform of House Tax in Taipei
<b>Week 3: Land Valuation in the Participating Countries</b>	
The Philippines	Land Valuation of Land Management Bureau
Mongolia	Taxation Policy and System
El Salvador	Land Valuation and Urbanization Processes
Belarus	Overview of Valuation System in Belarus
Jordan	Land Valuation
Dominican Republic	Taxation System in DR
ROC (Taiwan)	The Dilemma of Public Land Appraisal: Meet the Requirement or Adhere to Profession

## Field Trips

There were a number of governments and research organizations arranged in the field trip:

- (1) National Taxation Bureau of Central Area, Ministry of Finance: National tax administration.
- (2) Land Administration Bureau of Taichung City Government: Land valuation, current assessed land value and online inquiry system.
- (3) Local Tax Bureau of Taichung City: Tax policy and local tax collection.
- (4) Finance Department, New Taipei City Government: Government leases state-owned land and how the government works with private sectors to increase government revenue.
- (5) Fiscal Information Agency, Ministry of Finance: Fiscal information system and local tax information management.



Group Photo after Participants' Presentation



Visit Finance Department, New Taipei City

## The 135<sup>th</sup> Regular Session on Infrastructure Development and Planning

This four-week session was held from September 29 to October 27 with the 136<sup>th</sup> Regular Session on Agricultural Development and Policy at the same time. Dr. George McCarthy, President and Chief Executive Officer of the Lincoln Institute, served as Course Coordinator in this regular session. The participants were middle-level officers and experts with infrastructure, rural planning and public transportation background. 24 participants from 21 countries joined this session.

### Lectures and Discussions

Lectures and discussions in RS135 were given and led by three overseas and eight local lecturers. Themes in this session are shown as follows:

- (1) Week one, "Land Policy and Urban Development", led by Dr. George McCarthy, and Professors Yung-jaan Lee, Tung-shen Hsie and Yi-jen Shie. Topics including Infrastructure and Urban Development, Public Goods and Value Chains, and Resilient City were covered.
- (2) Week two, "Transportation Investment", contributed by Professors Chengmin Feng, Chien-pang Liu, and Huel-sheng Tsay. Topics including Transit Oriented Development (TOD), Intelligent Transportation System in Taiwan, and Public-Private-Partnership (PPP) Models for Transportation Projects were covered.
- (3) Week three, "Public Finance and Investment", dedicated by Director Lourdes Germán, International & Institute-wide Initiatives, Lincoln Institute of Land Policy, fellow researcher Rohan Kocharekar, and lecturers Wen-i Lin and An-ting Cheng. Topics including City Competitiveness, Capital Market Access, and Local Economic Development were covered.

### Country Presentation

Pivotal to the training, participants were asked to prepare country report. Content of the report should cover basic country profile, present projects or struggles and applied strategies all related to the theme of the training course. Feedbacks and advices from lecturers and other participants were valued a great deal by every presenter. Please see below for the topics contributed by the participants:

Country	Presentation Topic
<b>Week 1: Land Policy and Urban Development</b>	
Czech Republic	Low Cost Housing Policy-Barquita New Project
Nicaragua	Inappropriate Land Use
Lithuania	The Principle of the Land Policy and Urban Development in Lithuania. Case Study: Klaipeda City & the Expansion of the Port
Brazil	Infrastructure Development and Planning in Brazil
Ecuador	Industrial Polygons in Quito
Serbia	Land Policy and Infrastructure Project of Serbia & City of Pozarevac
Vietnam	Land Policy and Urban Development of Hanoi City
<b>Week 2: Public Finance and Investment</b>	
Paraguay	Transportation-Crossing
Taiwan	National Spatial Development Status of Taiwan
Paraguay	A BRT System for Greater Asuncion
Turkey	Ankapark's (Theme park) Transportation Draft
Serbia	City of Novi Pazar, Serbia
Taiwan	Transportation in Taiwan
Mexico	Urban Growth without Mobility
El Salvador	Transportation in El Salvador
<b>Week 3: Transportation Investment</b>	
Thailand	Transportation Planning and Financing in Thailand
Czech Republic	Funding of Integrated Projects of Cities through EU Funds
Poland	Infrastructure Development and Planning in Poland
Papua New Guinea	Infrastructure, Public Investment Program-PNG
Jordan	Investment and Transportation in Jordan
Burkina Faso	Road Infrastructure
Swaziland	Infrastructure Development and Maintenance in Swaziland
Belize	Financing Capital Investment, Street Infrastructure Investment, Belize city



## Field Trips

There were a number of governments and research organizations arranged in the field trip:

- (1) Taoyuan Metro Cooperation: Taoyuan Metro system and its traffic control center
- (2) Taiwan International Ports Corporation, Port of Taichung: land reclamation and free trade zone
- (3) Taiwan Typhoon and Flood Research Institute, National Applied Research Laboratories (NAR Labs): ICT, disaster management and simulation
- (4) Transportation Office of Taipei City Government: public transport planning, using YouBike as an example for promoting public transportation.



Visit National Applied Research Laboratories



Group Discussion on Urban Transportation Planning

## The 136<sup>th</sup> Regular Session on Agricultural Development and Policy

This four-week session was also conducted from September 29 to October 27 with the 135<sup>th</sup> Regular Session on Infrastructure Development and Planning at the same time. Professor Douglas Southgate served as Course Coordinator for this regular session. The invited participants were middle or above level officer and experts with agriculture policy, agricultural development and technology background. 29 participants from 26 countries joined this session.

### Lectures and Discussions

Lectures and discussions in RS136 were given and led by three overseas and nine local lecturers. Themes in this session are shown as follows:

- (1) Week one, "International Marketing and Global Market" led by Professors Douglas Southgate, Jong-wen Wann, Yaw-chung Liaw, and Shih-hsun Hsu. Topics including Food Supply, Global Supply Chains, and Local Specialty Industry were covered.
- (2) Week two, "Agricultural Resources Policy" contributed by Dr. James Riddell, and Professors Wen-Chi Huang, Alex Wang, and Pai-Po Lee. Topics including Rural Regeneration, Land and Land Use Conflicts, and Natural Resource Management were covered.
- (3) Week three, "Rural Development", led by Dr. Beatrice Knerr, and lecturers Chwen-ming Yang, Kuo-ching Lin, and Chung-chi Kuo. Topics including Rural Development, Agriculture in the Era of Globalization, and R&D Program were covered.

### Country Presentation

Pivotal to the training, participants were asked to prepare country report. Content of the report should cover basic country profile, present projects or struggles and applied strategies all related to the theme of the training course. Feedbacks and advices from lecturers and other participants were valued a great deal by every presenter. Please see below for the topics contributed by the participants:

Country	Presentation Topic
<b>Week 1: International Marketing and Global Market</b>	
Taiwan	Public Stock Purchasing System in Taiwan
Swaziland	Agricultural Economy in Swaziland
Chile	Agricultural Development in Chile
Poland	Volatility of Farmers' Prices – How to Counteract Polish Experience
Russia	Agriculture in Russia
El Salvador	Public Politics of Grains' Production
Peru	Agricultural Policy in Peru
Belize	Major Problems Facing Agricultural Development and Policy in Belize
Thailand	Ministry of Agricultural Cooperatives on Rural Development
<b>Week 2: Situating the Local in Land Relations</b>	
The Philippines	Philippine Agricultural Policies and the Small Holder Farm Sector: Serving the Needs of the Lost Million Farmers
Taiwan	Innovation and Promotion of New Agriculture Policies (NAPs) in Taiwan
Kosovo	Ministry of Agriculture Forestry Development
Burkina Faso	Agriculture Development in Burkina Faso
Turkey	Agricultural Support System in Turkey
Malaysia	Paddy and Rice Industry in Malaysia
Czech Republic	Czech Republic – Agriculture
Sri Lanka	Rural Agricultural Development and Government Experience
Fiji	Development of Agriculture in Fiji
Mongolia	Agriculture Resource Policy in Mongolia
<b>Week 3: Rural Development</b>	
Costa Rica	Central American Rural Development
Malaysia	Rural Agricultural Development Programs – Ministry Perspective
Haiti	The Problems of Economic Development in Haiti
Argentina	The Family Farm Promotion Strategy
Mexico	Ministry of Agriculture
Indonesia	Agricultural Policy in Indonesia
Turkey	Agricultural Subsidies and Efficiency – Ministry of Agriculture
Nicaragua	Rural Development Policy
Jordan	Agricultural Policy in Jordan
Taiwan	Rural Regeneration

## Field Trips

There were a number of governments and research organizations arranged in the field trip:

- (1) Agriculture Bureau, Taichung City Government: Agricultural Policy of Taichung, and 2018 Taichung World Floral Exposition.
- (2) Taiwan Agricultural Research Institute: soil construction, types of soil and rock layer distribution around the world, the methodology of sorting and preserving genetic variation seeds.
- (3) Tsaotun Township Farmers' Association: mission of Tsaotun Township FA and promoting local agricultural products.
- (4) Council of Agriculture: agricultural policy, rural community development and rural land policy.
- (5) Taipei Agricultural Products Marketing Corporation: operation and management of auction of fruits and vegetable.



Visit Agriculture Bureau, Taichung City Government



Visit Yehliu Geopark

# International Training Sponsored by ROC Government

## The Seminar on Geographical Information System and Land Management

This two-week seminar was held from April 12 to 25 with the seminar on Knowledge-based Economy and City Competitiveness at the same time. The invited participants were middle and higher level officers and experts with Geographical Information System (GIS), land mapping and land administration background. 27 participants from 24 countries joined this session.

## Lectures and Discussions

The core subjects focus on the GIS and its applications in the first week, for instances, GIS for land management, tourism planning, disaster management and local land use. Four professors, including Yi-huang Tao, Wen-yen Lin, Jimmy Chou and Shih-yuan Lin, were invited to share Taiwan experience for respective subjects mentioned above.

## Country Presentation

Every participant was required to give his/her presentation which has relevance to his work and in the areas pertaining to the theme of the seminar. The participants' presentation proceeded in three half-days, and the topics are listed below:

Country	Presentation Topic
Argentina	Native Forest Monitoring System of Argentina
Bosnia and Herzegovina	GIS in Bosnia and Herzegovina
Czech Republic	Czech System for Monitoring of Land Dynamics
Dominican Republic	Biodiversity When the Picture Is Not Real

Country	Presentation Topic
Ecuador	Geographic Information for Resilience – Earthquake Ecuador 2016
El Salvador	GIS Applications in the Ministry of Environment of El Salvador
Estonia	GIS in Estonian Agricultural Registers and Information Board (ARIB)
Georgia	Land Reform in Georgia
El Salvador	Land Management and GIS Progress in the Vice Ministry of Housing and Development
Dominican Republic	Risk Management and Disaster
Honduras	Identify Landslide Risk Areal in Tegucigalpa
Estonia	Using GIS & GIS Data for Internal Security in Estonia
Indonesia	Data Collecting of Control, Ownery Use and Land Use in Jakarta
Jordan	DLS Key
Malaysia	My GDI & My GOS
Mexico	GIS in Cadastral Direction
Mongolia	Land Cadastral Information System in Mongolia
Nicaragua	GIS in Nicaragua
Bosnia and Herzegovina	GIS in Bosnia and Herzegovina
Paraguay	Territorial Information System for the District of Navanjal, Alto Parana
The Philippines	Updating of Comprehensive Land Use Plan in Zamboanga City, Philippines
Poland	K-GESUT Project – National Database for Utilities Networks
Saint Christopher and Nevis	GIS and Agricultural Land Management in St. Kitts and Nevis – Soils and Crops Suitability Mapping
Swaziland	Poverty Alleviation & Economic Planning Using GIS
Thailand	Geo-Information Technology for ALRO
Turkey	Geographical Information System and Land Management
Vietnam	Land Administration System and GIS System in Vietnam



## Field Trips

There were a number of governments and research organizations arranged in the field trip:

- (1) GIS Center, Feng Chia University: UAV application, knowledge related to education of spatial and geographical information system, and the Center's research work and achievements
- (2) National Land Surveying and Mapping Center, Ministry of Interior: the organization, function and its archives of maps and documents
- (3) Soil and Water Conservation Bureau, COA: applications of GIS in mud slide monitoring and other disaster prevention, management and education
- (4) Taiwan GIS Center: the center's mission and function, and meeting face-to-face with private companies that are dedicated to GIS applications
- (5) Information Center, Ministry of Interior: Taiwan's experience in establishing a national land information system and management.



Visit Taiwan Geographic Information Center



Visit Chiang Kai-shek Memorial Hall

## The Seminar on Knowledge-based Economy and City Competitiveness

This two-week seminar was also held from April 12 to 25 with the seminar of Geographical Information System and Land Management at the same time. The invited participants were middle and higher level officer and experts with urban planning, city development and city marketing background. 28 participants from 26 countries joined this session.

## Lectures and Discussions

The core subjects focus on information technology, wise city, city marketing, intelligent transportation system and sustainable development in a city. There were four local lecturers, including Taoyuan Deputy Mayor Min-der Wang, professors Yung-jaan Lee, Cheng-ming Feng and Feng-tyan Lin, who were invited to share the Taiwan experience for respective subjects mentioned above.

## Country Presentation

Every participant was required to give his/her presentation which has relevance to his work and in the areas pertaining to the theme of the seminar. The participants' presentation proceeded in three half-days, and the topics are listed below:

Country	Presentation Topic
Argentina	Thinking on the Future
Armenia	Smart Solutions for Smart Economy in Yerevan City
Belize	Sustainable Tourism Program 2 - Downtown Belize City House of Culture and Rejuvenation
Brazil	Supporting Smart Cities Projects
Burkina Faso	Contribution of Land Planning to the Cities Competitiveness in Burkina Faso
Colombia	Hagui Advancing
Czech Republic	Traffic Artery Transformation
Dominican Republic	Rediscovery - Urban Marketing Plan
Ecuador	Public Private Partnership in Tourism Projects Articulated by the Metro of Quito (Subway)
Israel	BI System for Urban Management
Jordan	Amman Sustainability Program
Lithuania	Lithuania - Not Everyone Knows
Malaysia	When Wood Meets Metal: a Case Study of Penang, Malaysia
Marshall Islands	Reimaanlok: Looking into the Future for a Better Tomorrow
Mexico	The City's Opinion and the Great Urban Transformation: the Moving of the Airport
Mongolia	Seeking Sustainable Urban Development in Mongolia
Paraguay	"Expansion and Duplication of the National Routes Nos. 2 and 7" through the First Public Private Partnership (PPP) in Paraguay
Peru	Peruvian Case: Our First Steps toward Great Innovation

Country	Presentation Topic
Jordan	Development of Pavement Maintenance Management System
Paraguay	Land and Resilient Housing Challenges in Paraguay
Philippines	Philippines' Bansamon Development Plan: A Strategic Way to Competitiveness
Poland	Sustainable Development of the City of Warsaw
Serbia	Business Friendly Municipalities in SEE
South Africa	"Rapid Transit": An Economic Education for City of Tshwane
Swaziland	Upgrading Informal Settlements in Swaziland
Thailand	Bangkok's Urban Development and Smart City
Turkey	Smart City Practices in Turkey
Vietnam	City Competitiveness and Marketing

## Field Trips

There were a number of governments and research organization arranged in the field trip:

- (1) Taoyuan Metro Cooperation: Taoyuan Metro system and its traffic control center, its Repair Station and model car.
- (2) Hsinchu Science Park: Introduction to its administrative strategies, organization structure, and the development of Hsinchu Science Park.
- (3) Urban Development Bureau, Taichung City Government: city planning, its sub-city centers and greater Taichung circular railway.
- (4) National Development Council: national spatial planning and development.
- (5) Department of Urban Development, Taipei City Government: Duties and administrative services of the department and public housing policy and implementation.



Visit Taoyuan Aerotropolis



Visit National Development Council

## The Seminar on Sustainable Agriculture for Vietnam

This two-week seminar specifically designed for Vietnam was held from September 16 to 30 for the purpose of facilitating ROC Government's New Southbound Policy. This training was supported by COA and MOFA. 29 high ranking officials from Vietnamese Ministry of Agriculture formed the delegation, accompanied by two entourage members from the MOFA. Under the theme of sustainable agriculture, courses were arranged as listed below:

- (1) Lectures: Topics including Food Industry Development and Agriculture Facility, Taiwan Agricultural Policy, Livestock and Poultry Industry, and Agriculture Science and Technology were covered.
- (2) Official Visits: Visits to public and private sectors had provided a great deal of in-depth information and updated data in the related fields.
- (3) Cultural Activities: Trips to famous tourist spots, such as Anping Fort, Lungshan Temple, and Chiang Kai-Shek Memorial Hall, had intensified participants' impression of Taiwan's history and culture.



Visit Taiwan Orchid Plantation



Visit Kaohsiung City Government



# International Training Commissioned by Foreign Countries

## Training Projects Commissioned by the Ministry of Environment, Water and Agriculture, Kingdom of Saudi Arabia

This was the eleventh year that the Kingdom of Saudi Arabia commissioned the Center to conduct training courses related to technology exchange and bilateral cooperation regarding agricultural aspect. The two courses conducted this year are as following: (1) Fish Farming (2) Plant Quarantine and the Safety of Plant Imports.

The aforementioned two sessions were conducted from November 20 to December 1. Both were 12 days in length. The Center accommodated 14 officials from the Ministry of Environment, Water and Agriculture, Kingdom of Saudi Arabia. The courses comprised classroom lectures and official visits. From classroom lectures, it was hoped that the participants would be able to absorb the knowledge and experience shared by lecturers and researchers. These in turn were hoped to become useful reference for the participants and help throw some light on related issues which their country may be facing.

The Center also arranged for the participants to visit a number of government agencies and research institutes. These visits offered the participants an opportunity to gain some first-hand knowledge on the development in Taiwan in these areas and exchange ideas and views with researchers and officials who hosted these visits.

### Fish Farming

This training session was designed by Dr. Shin-Li Yeh, Director of Mariculture Research Center, Fisheries Research Institute (FRI), COA. Courses focused on artificial propagation and larva cultivation of the fishes appointed by Jeddah Fisheries Center, including grouper, orange-spotted grouper, tiger grouper, giant grouper, silver pompano, mangrove snapper, and gilt-head sea bream. Seven Saudi Arabia's officials from Department of Fish in Ministry of Environment, Water and Agriculture participated.

Formal visits including fish farms, research institutions and bio-tech centers provided the participants firsthand data and most updated research findings. Studies about Seawater Fish Breeding and Propagation, Broodstock Management, Zooplankton Feeding and Hybrid Technique had been covered. Visited agencies are listed as follows: Researcher of Tungkang Biotechnology Research Center, Trifull Industry Limited Co., Taijiang Agriculture Biotech. Co., and Long Diann Marine Biotech. Corporation.



## Plant Quarantine and the Safety of Plant Imports

This training session was designed by Ms. Hui-Wen Wang, Chief of Plant Quarantine Division, Bureau of Animal and Plant Health Inspection and Quarantine (BAPHIQ), Council of Agriculture. Courses focused on Taiwan's experience and implementation of plant quarantine. Types of vegetable and fruit requested by the the Kingdom of Saudi Arabia were apple, tangerine, strawberry, kiwi, grape, peach, cherry, banana, apricot, lettuce, carrot, onion, tomato, ...etc. Seven Saudi Arabia's officials from Department of Plant Protection and Quarantine in Ministry of Environment, Water and Agriculture participated.

Studies about Airlifted Plant Importation and Inspection, Plant Quarantine for Arriving and Departing Passengers, Approved Facilities for Orchid Exporting, and Operation of Plant Fumigation had been covered. Visited agencies are listed as follows: Associate Technical Specialist Hsinchu Branch, Taiwan Orchid Growers Association, Formosa Grower International Co., Ltd, and Research Center for Plant Medicine of National Taiwan University.



A. Operation for Broodstock Maturity and Hatching  
B. Visit Trifull Industry Limited Co.  
C. Visit Kaohsiung Harbor Inspection Station  
D. Visit Hsinchu Branch, Bureau of Animal and Plant Health Inspection and Quarantine