



**International Symposium of Tropical Agriculture:  
on the Sustainable Utilization and Development**  
**「熱帶農業永續利用及發展國際研討會」**

**主辦單位：**

國立屏東科技大學 熱帶農業暨國際合作系

**協辦單位：**

國立屏東科技大學 亞太熱帶農業研究中心

國立屏東科技大學 國際事務處

中華民國雜草學會

行政院國家科學委員會

**Organizers:**

National Pingtung University of Science and Technology(NPUST)

- Department of Tropical Agriculture and Cooperation
- Asian Pacific Research Center for Tropical Agriculture
- Office of International Affairs

Weed Science Society of the Republic of China

National Science Council of Executive Yuan, R.O.C.

**舉辦時間(Date)：**

2009 May 15 (Friday) 09:00~18:00

**舉辦地點(Place)：**

國立屏東科技大學圖書館4F國際會議廳

屏東縣內埔鄉學府路1 號

National Pingtung University of Science and Technology

Library 4F, International Conference Room

1 Hseuh-Fu Rd., Nei-Pu Hsiang, Pingtung, Taiwan 912.

# **International Symposium of Tropical Agriculture: on the Sustainable Utilization and Development**

(Department of Tropical Agriculture and International Cooperation, NPUST)

## **Background**

Tropical areas have highly biodiversity of natural resources, but traditional agriculture practices overuse synthetic fertilizers, agrochemicals or growth hormones causing environmental pollutions which have threaten our ecosystem and human health. Those damages might even affect our next generation as well. In order to encounter these issues, developing new practices to minimize the pollution and improve the efficacy of producing high quality products without scarifying soil and water quality is in grave need for tropical agriculture.

Sustainable agriculture that refers to the ability of a farm to produce products in a long term, without causing severe or irreversible damage to ecosystem is perhaps one of the best answers to the issues above. Its key issues include increasing long-term soil fertility, pests and diseases control without harming the environment, clean and safe water supply, using local resources, produce safety and high quality nutritious food, the long-term effects of various practices on soil properties, and processes essential for productivity and ability of farmers to obtain inputs and manage relative resources. Therefore, sustainable utilization and development for tropical agriculture become an important international issue.

## **Purposes**

In recent years, sustainable farmers and researchers around the world have responded to the issues by the ecology-based approaches. Several different names have been used such as natural, organic, low-input, regenerative, holistic, Biodynamic, and biological farming systems. All of them focus on a core issue of “farming with nature,” or "agro-ecology" to maintains biodiversity, recycles plant nutrients, protects soil from erosion, conserves and protects water, uses minimum tillage, and integrates crop and livestock enterprises on the farm.

But no matter how well-designed the system or how accomplished the farmer, no agriculture is sustainable if it' s not also profitable enough to support the farmers. Sustainable practices lend themselves to smaller, family-scale farms. These farms tend to find their best place in local markets, within local food systems, often selling their products directly to consumers. However, the highly competitive markets at both local and global levels. Creating and finding new markets remains one of the key challenges for farmers committed to sustainable tropical agriculture. For the reasons above, this international symposium will focus on the current and new trends of sustainable agriculture practices and development for such community to provide a venue for sharing experiences from different countries and benefit researchers and farmers.

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**報 名 表**

單位名稱/系所				
參 加 人 員 資 料	姓 名		職 稱	
	聯絡電話		行動電話	
	E-mail			
	通訊地址			
餐 飲		<input type="checkbox"/> 素食 <input type="checkbox"/> 葷食		
交 通		<ul style="list-style-type: none"> <li>• 自行騎/開車/其他 <input type="checkbox"/></li> <li>• 交通車 (<input type="checkbox"/>高鐵左營站/<input type="checkbox"/>屏東火車站)</li> </ul>		

※ 報名方式：採通訊、傳真及現場報名。

1. 通訊及傳真報名：E-mail或傳真電話(08) 774-0446。報名後可來電確認或等待回傳確認(08-770-3202 轉 6421 黃淑慧 E-mail: sophia@mail.npust.edu.tw)。
2. 現場報名：請攜帶報名表於**5月15日(星期五)**會場報名。
3. 研討會時間：98年**5月15日(星期五)**(請參考研討會議程)。
4. 研討會地點：屏東縣內埔鄉學府路1號國立屏東科技大學**玉崗圖書館4F**國際會議廳(請參考研討會路線圖)。
5. 通訊報名截止日期：98年**5月12日(星期二)**。
6. 本研討會備有午餐及茶點(請於報到時再次確認午餐)。
7. 若有搭乘交通車需求，請於報名表上註明並注意本校及本系最新公告之交通訊息；本活動交通車將於5月15日上午分別在左營高鐵站(發車時間為**8:45 AM**)及屏東火車站(發車時間為**9:00 AM**)接送來賓，參加人員可利用台鐵或高雄捷運到達左營高鐵站，本校派有專人於**高鐵站 1F之2號出口**及**屏東火車站前**指引搭乘交通車。自行騎/開車人員請自行列印通行證表格俾利進出校門口及停放車輛。

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- 日期(Date/Time)：2009 May 15 (Friday)
- 地點(Place)：  
國立屏東科技大學圖書館4F國際會議廳 (Library 4F, International Conference Room)
- 主辦單位(Organizers):  
National Pingtung University of Science and Technology(NPUST)  
Department of Tropical Agriculture and Cooperation  
Asian Pacific Research Center for Tropical Agriculture  
Office of International Affairs  
Weed Science Society of the Republic of China  
National Science Council of Executive Yuan, R.O.C.
- 承辦單位聯絡人(Contact person):  
國立屏東科技大學謝清祥教授，顏才博助理教授 (Dr. Kevin Yen: tbyen@npust.edu.tw)
- 議程 (Agenda):

### Symposium Agenda

<b>14 May (Thursday) 2009</b>		
Arrival of overseas invited speakers at Kaohsiung International Airport (IATA Airport Code: KHH).		
<b>15 May (Friday) 2009:</b> Conference room at the 4F of university library		
09:00-09:35	<b>Registration</b>	
<b>Opening Moderator: Dr. Albert Charles</b>		
09:35-09:45	<b>Welcome Remarks: Dr. Yuan-Kuang Guu</b> President, National Pingtung University of Science and Technology, Taiwan	
09:45-09:50	<b>Group photo</b> (at the conference room stage)	
09:50-10:00	Network Break	
<b>Moderator: Dr. Stella Fang</b>		
<b>Time</b>	<b>Speakers</b>	<b>Topics</b>
10:00-10:50	<b>Dr. Hector Valenzuela</b> Professor, College of Tropical agriculture and Human resources, University of Hawaii at Manoa. U.S.A.	<b>Strategies to Improve the Ecological Health of Horticultural Agroecosystems in the tropics.</b>
10:50-11:00	<i>Tea break (10 min)</i>	
11:00-11:50	<b>Dr. Sang Mok Sohn</b> Professor, Research Institute of Organic Agriculture, Dankook University, Cheonan, Republic of Korea	<b>Organic Certification System and Training Program of Organic Agriculture in Korea</b>
12:00-13:30	<b>Lunch break at the basement (1B) of library</b>	
<b>Moderator: Dr. Kevin Yen</b>		
13:30-14:20	<b>Dr. Chong-Ho Wang</b> Professor, Dept. of Plant Industry, National Pingtung	<b>Soil Fertility Management of Sustainable Agriculture in Taiwan</b>

	University of Science and Technology, Pingtung, Taiwan	
14:20-14:30	<i>Tea break (10 min)</i>	
14:30-15:20	<b>Dr. Shih-Shiung Chen</b> Professor, Dept. of Post Modern Agriculture, Ming Dao University, Chang Hwa, Taiwan	<b>Organic Agriculture Development and Organic Campus Concept in Taiwan</b>
15:20-15:30	<i>Tea break (10 min)</i>	
<b>Moderator: Dr. Joey Lee</b>		
15:30-16:20	<b>Dr. Junichi Takahashi</b> Professor, Dept. of Sustainable Animal Science, School of Animal Science, Obihiro University of Agriculture and Veterinary Medicine, Hokkaido, Japan	<b>Possible Uses of Biomass toward Sustainable Animal Agriculture</b>
16:20-16:30	<i>Tea break (10 min)</i>	
16:30-17:20	<b>Dr. Mou-Yen Chiang</b> Weed Specialist, Taiwan Agricultural Chemicals and Toxic Substances Research Institute, Taiwan	<b>Farmland Biodiversity: the Role of Weeds and Their Management</b>
17:20-17:30	<i>Tea break (10 min)</i>	
<b>Moderator: Dr. Ching-Hsiang Hsieh</b>		
17:30-18:00	<b>Panel Discussion and Conclusion and Closing Section</b>	
<b>16 May (Saturday) 2009</b>		
9:00----	Free time / Return of overseas participants to respective countries	





**國立屏東科技大學位置示意圖**

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出入證及停車證  
(Parking permit)

姓 名(Name) : \_\_\_\_\_

聯絡電話(Phone) : \_\_\_\_\_