



RESEARCH ACTIVITIES TECHNOLOGY TRANSFER AND INTELLECTUAL PROPERTY MANAGEMENT

The case of Can Tho University, Vietnam

Colombo, 9-11 December 2009



Department of Research Affairs, CTU

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Content of presentation

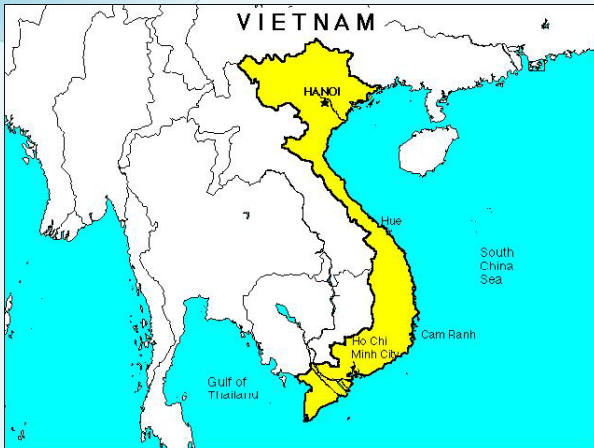
- Glance at Can Tho University,
- Main research areas,
- Research and Technology transfer activities,
- IP management and TT expectation.

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Vietnam in SEA

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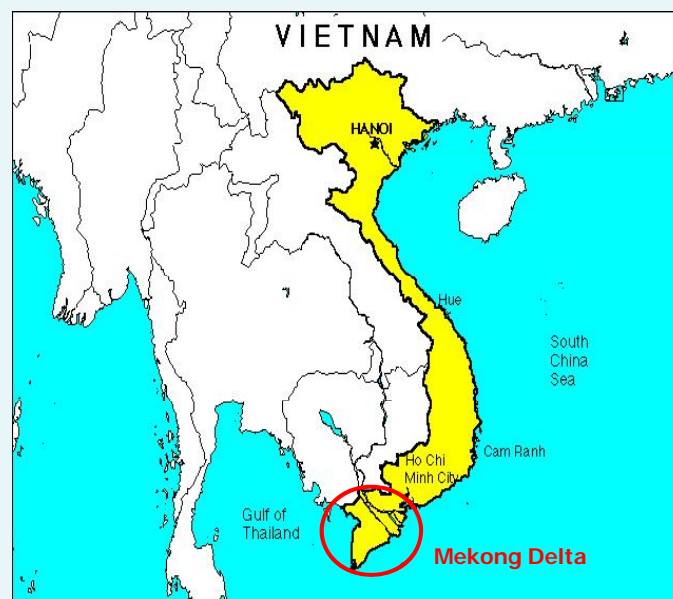
- Natural area: 33 Mha
- 2/3 hills and mountains
- Red and Mekong river system
- Agricultural land: about 50%
- Population: app. 86 millions (2008)

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Mekong delta and Can Tho University

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Mekong delta General information

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- Natural area: 3.96 Mha (12% compared to VN)
- Average elevation: ± 2 m
- 50 % national agricultural produce
- 90% national rice produce
- 60% national fruit produce
- 60% fish produce (80% for export)
- Population: app. 18 millions peoples, 21% of VN (2008)

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Location of CTU in MD

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Rectorate building



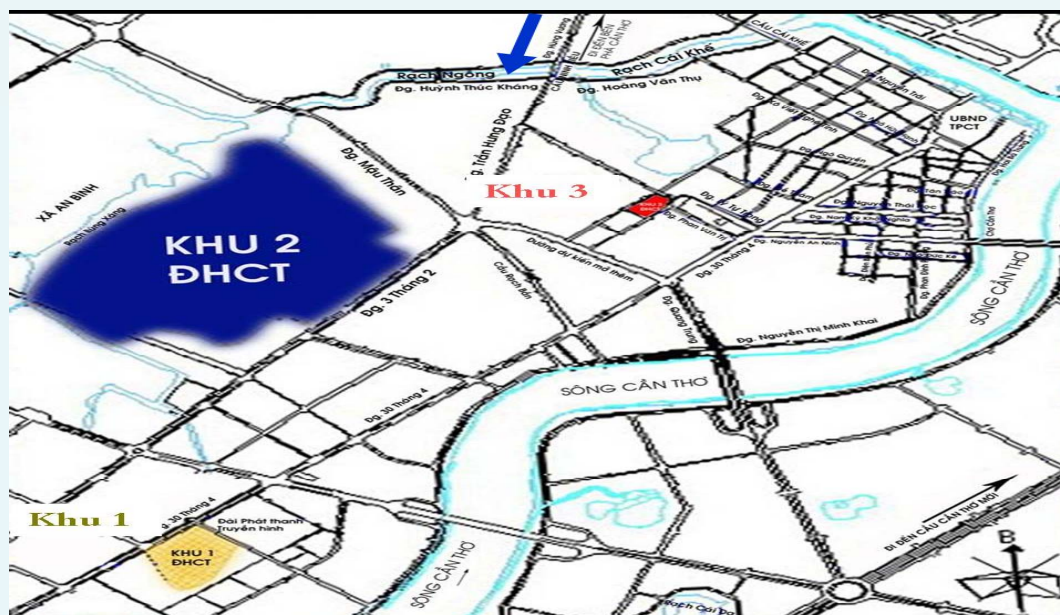
Grand hall

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Campuses of CTU in Can Tho city



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Contact us

- Foundation in 1966
- 03 campuses

Post address: 3/2 street, campus II,
Ninh Kieu dist. Can Tho city

Tel: 84 (7103) 838237, 838262

Fax: 84 (7103) 838474

Website: <http://www.ctu.edu.vn>

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Recent human resource

- 1897 staff: 1017 teaching staff (654 postgraduated)
- 39.630 students (23.765 in campus)
- 114 specializations (79 under., 28 MSc, 7 PhD programmes)



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Collaboration agreements

- 10 universities of Agri-forestry-fishery in Vietnam
- Universities/institutes in HCM city,
- CLRRRI, SOFRI,
- Provinces and cities in MD,
- More than 80 organizations in the world.





CTU units

Colleges:

1. Natural sciences
2. Agricultural and applied biology
3. Technology
4. Information and communication
5. Aquaculture and fisheries
6. Education
7. Economics – Business administration.
8. Law
9. Political sciences
10. Society science and Humanities
11. Environment & natural resource
12. Pre-university



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CTU units

Institutes:

1. Bio-technology research & development
2. Mekong development research
3. Climate change adaptation and responses



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CTU units

- 07 Service and support centers**
- 01 Company LTD (one member)**
- 11 Supporting departments**

CTU website

- [Giới thiệu tổng quan](#)
- [Thư ngỏ của Hiệu trưởng](#)
- [Thông báo của Trường](#)
- [Chương trình đào tạo](#)
- [Đại học](#)
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- [Thông tin Đào tạo](#)
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- [Học liệu mở VOCW](#)
- [Giáo trình điện tử](#)
- [MIT OpenCourseWare](#)

Góp ý Thư điện tử Trợ giúp Danh bạ Tài về



K. Công nghệ	K. CNTT & Truyền thông
K. Dự bị Dân tộc	K. Khoa học Chính trị
K. Khoa học Tự nhiên	K. Khoa học XH & NV
K. Kinh tế - QTKD	K. Luật
K. Môi trường & TNTN	K. Nông nghiệp & SHƯD
K. Sư phạm	K. Thủy sản
BM. Giáo dục Thể chất	V. NC Biến đổi khí hậu
V. Nghiên cứu PT ĐBSCL	V. NC&PT CN Sinh học
TT. Công nghệ Phần mềm	TT. Giáo dục Quốc phòng
TT. NC-TN_ĐDSH Hòa An	Trung tâm Ngoại ngữ
TT. Đào tạo Từ Xa	Các đơn vị trực thuộc khác

Vietnamese | English

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- [Chương trình Mekong 1000](#)
- [Tư vấn & hỗ trợ du học](#)
- [Tropical Semester](#)
- [Mạng VinaREN-TEIN2](#)
- [ViFiNet](#)

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Số lần truy cập từ 30/08/2001: 27580183



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MISSIONS



- Human resource development,
- Research implementation,
- Technology transfer for social and economic development.



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MAIN RESEARCH AREAS

- Environment and resource,
- Crop patterns,
- Plant protection,
- Bio-technology application,
- Aquaculture,
- Post-harvest technology,
- Rural development and planning,
- Network.



Research achievements

- Drying machine designation, study facilities,
- Suitable LUTs in the problemed soils,
- Prawn production,
- Food production protocol for animal husbandry and fisheries,
- Teaching innovation,
- Solutions for market development,
- Bio-tech application in pathogen identification on plant and fishes,
- Citrus propagation and tissue-culture,
- Safe food processing.

Research achievements

For environmental fields:

- Environment pollution treatment in animal husbandry and water resource,
- Environment ecology training.





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RESEARCH AND TECHNOLOGY TRANSFER

😊 Advantages

- Great supports from ministries (NOIP),
- Strong and traditional cooperation with local and international organizations and businesses
- Suitable decrees and good guidances for research activities,
- Qualified research proposal application.



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RESEARCH AND TECHNOLOGY TRANSFER

☹️ Challenges

- IP determination in technology transfer activities,
 - Centralized management in TT,
- Continuing and development TT,
- Budget findings for research and IP application.



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INTELLECTUAL PROPERTY MANAGEMENT



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POLICY ON IP IN THE UNIVERSITY

- IP as activity in research and education,
- Establishing the company LTD to centralize for science-technology application and TT.



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IP ORGANIZATION

Department of Research Affairs:

- Section of research co-ordination,
- **TMO (2007)**
(supported by School of Law and Department of Legality)
- Section of science-technology information and Database,
- Advanced laboratory.



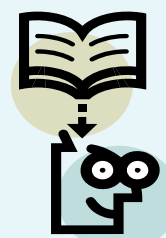
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FUNCTIONS OF TMO IN CTU

- Consultant and support on IP,
- Proposing for subject/project selection,
- Development of IP policy and strategy,
- Identification and classification of IP assets,
- IP application & TT management,
- Collaboration in solving the problem of IP.



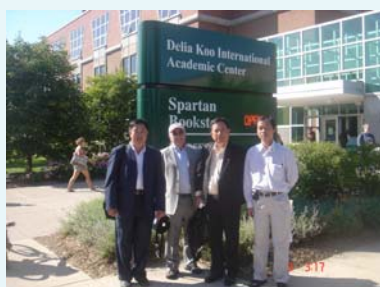
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IP TRAINING

- **Attending all the WS and training on IP,**
- **Set up the programs for training and visiting (TRIG2)**
 - **NOIP, Guest experts**
 - **American universities:**
 - + **California State University, Fullerton**
 - + **The University of Montana**
 - + **Michigan State University**



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Present IP activity and TT management

- **Organizing WS on IP and TT (2007, 2009)**
- **Organizing WS on research achievements:**
 - + **Agri. production in the integration period, WTO (2007)**
 - + **Research and TT in MD (2008)**
- **Promulgating the decrees and IP policy (2008),**
- **IP identification and classification (RR:06-09),**
- **IP application and TT (Pesticides, Bio-fertilizer),**
- **CTU logo protected (5/2009),**
- **Solving the problems of IP disputes: watermelon; Trico-CTU pesticides; Examination training.**

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PROBLEMS – CHALLENGES

- Time consumption for IP granting,
- Pressure of TT demands,
- IP understanding restricted,
- Professional knowledges limited,
- Plurality of offices and workload,
- Patent searching in units.



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IP AND TT PLANNING

- Member of IP-TT model for university (NOIP 12/09),
- Establishing the patent searching office (NOIP 12/09),
- Supporting the project of IP asset development and “Business incubation” at Can Tho city (2008-2010 and 2020)
- Improvement and completion the IP policy (2010),
- IP application for research results commercialized (2010),
- Organizing WS on cooperation between institutions and businesses in MD (12/09),
- IP training for CTU and local staff (2010),
- Abroad study on IP and TT management (UM, USA; EU and SEA in 2010)

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TECHNOLOGY TRANSFER EXPECTATION



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TT ON PLANT PROTECTION



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TT ON VEGETATION DRYING METHOD



Sunshine Fresh Food International Corp.

Sản phẩm xoài sấy

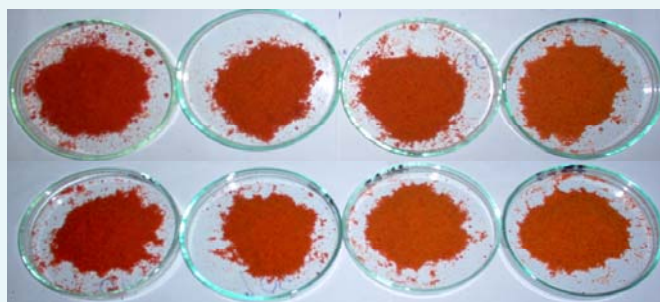
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TT ON FRUIT POWDER PROCESSING



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TT ON FOOD ENZYME



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TT ON FRUIT JUICE PROCESSING



Mango juice





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TT ON FRUIT JUICE PROCESSING



Lotus milk



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TT ON BIO-TECHNOLOGY APPLICATION





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TT ON ANIMAL HUSBANDRY



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TT ON FISH AND SEAFOOD PROCESSING



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Very warmest welcome all of you to visit and work with us at Can Tho University, Vietnam



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**Thank you very much
for your listening !**

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