Research in Focus
The core research currently is in following areas:
• RS&GIS platform developments as an integrated system
• Spatial Analysis for Sustainable modeling
• Crop monitoring and water management
• Application of GIS in Health and Environment, GIS and Remote Sensing for Epidemiology
• AEROSPACE system engineering and Microwave Remote Sensing
• Web GIS Technology, Mobile Mapping, Data Interoperability, Location Based Services, Augmented Reality
• Real-time sensor observation, Sensor Web and RFID
• Digital Photogrammetry and terrestrial laser scanning
• GIS and Remote Sensing for disaster mitigation and management, Environmental Information Science

Scholarships/ Fellowship
Meritious students securing high marks qualify for full or partial scholarships. This will be considered based on performance in Bachelor degree phase in CMU.

Career and Placement
Students having Bachelor and Masters degree are great in demand due to huge need of human resources in all sectors - engineering, irrigation, energy, planning, health, forestry, agriculture, business and many more. Some of our alumni work in public company, consultant, and even universities in Thailand and abroad. Regarding international environment, our students can reach standard of Singapore and ASEAN countries in terms of working requirement. Our alumni currently work for United Nations (UN), United Nations Environment Programme (UNEP), World Bank, International organizations, GISTDA, Esri, JAXA, AIT, many top level universities/institutions and private companies. AIT and CMU support placement through career fair.

For further information, please contact:
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Fax: (+66-53) 94-3580
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sudajans@gmail.com
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P.O. Box 4, Klong Luang Pathumthani 12120
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rsgis@ait.ac.th

List of Faculties

Dr. Pong-In Rakanyotham
Dr. Achana Wattanaphayao
Dr. Ninnich K. Tripathi
Dr. Sarawut Mingawat
Dr. Ryosuke Shibasaki
Dr. Kiyoshi Honda
Dr. Ariana Charoenpanyanet
Dr. Sompon Sangawongwa
Dr. Manop Souna
Dr. Masahiko Nagai
Dr. Dunkan K. Raju
Dr. Taravudh Tipdache
Dr. Suprana Dansri
Dr. Taweew Chaijommee

Faculty
• Pimarnpat Choosin
• Dr.Chaisak Winnayapai
• Dr. Lonn Pandhiwong Phapiach
• Reckinson Boonvad
d• Sir Kwanjuk
• Dr.Santit Sappajan
• Dr.Chaloe Chaijommee
• Phinpal Hemman
• Chais Vachcharaphutis
Geoinformatics Engineering at AIT

The Geoinformatics Engineering at AIT has been established in 1990 to offer Master and Doctoral degree study on spatial information technology on Remote Sensing (RS) and Geographical Information System (GIS). The postgraduate program in AIT is well supported by Japanese Aerospace Agency, IRD France, CIRAD France, and several other countries. Geoinformatics Engineering has evolved into its present form by incorporating rapid advancement in technology and its application for sustainable development. Geoinformatics Engineering is proud to have Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand as an alumna providing constant encouragement.

Undergraduate Curriculum (CMU)

There are two choices of undergraduate curriculum; Experience by Field Work Course; a minimum of 132 Credits Hours. Experience by Cooperative Education Course; a minimum of 133 Credits Hours.

Postgraduate Curriculum (AIT):

A Master’s Degree program will consist of 48 credits. The thesis option will have a minimum of 26 credits of coursework and 22 credits of thesis whereas a research study option will have a minimum of 38 credits of coursework and 10 credits of research study.

Unified International Bachelor-Masters Degree Program

The unified Bachelor-Masters degree programs offer students quality education with an accelerated graduation leading to Bachelor and Masters degrees in a condensed duration (5 years instead of 6 years) at lesser cost with an international exposure to diversified expertise. The program also facilitates interaction of CMU (Chiang Mai University) students with world class professors/scientists and students from 50+ countries at AIT (Asian Institute of Technology). This international unified bachelor-master program is economical in terms of total cost of tuition fee, travel and living expenses as compared to other available alternatives including individual degree programs in Europe, US, Australia, Singapore, Hong- kong, Korea, and Japan.

These programs will be carried out partly in CMU and partly in AIT. The first phase of three years will be in CMU covering curriculum of the Bachelor’s Program and then second phase will be in AIT covering curriculum of the Masters Program in last two years. The part of the Master’s Program will be under joint supervision of AIT and CMU professors, mainly those authorized by AIT. These unified programs would lead to the Master’s degree in the fields of study of Geoinformatic Engineering.

Geoinformatics at CMU

The Geoinformatics at CMU was initiated by Department of Geography at first developing in GIS & Remote Sensing for Natural Resources. The group focuses on serving local requirement in resources sustainability. Mostly these serve for undergraduate program. Faculty has close cooperation with GISTDA (Thai Space Agency) and hosts the Northern Space Center.

Admissions

Visit the website for application procedure. Contact for Thai and Foreign students are described. In case of assistance please contact us.

Academic Calendar

<table>
<thead>
<tr>
<th>Academic Calendar</th>
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</thead>
<tbody>
<tr>
<td>1st semester</td>
<td>June to October</td>
</tr>
<tr>
<td>2nd semester</td>
<td>November to March</td>
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<tr>
<td>Summer semester</td>
<td>April to May</td>
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Application Deadline

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<th>Application Deadline</th>
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<tbody>
<tr>
<td>Application Deadline</td>
<td>August 15, 2013</td>
</tr>
<tr>
<td>Announcement of Written Examination Candidate</td>
<td>August 22, 2013</td>
</tr>
<tr>
<td>Written Entrance</td>
<td>August 29, 2013</td>
</tr>
<tr>
<td>Interview</td>
<td>August 29, 2013</td>
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<tr>
<td>Announcement of Application Results</td>
<td>September 12, 2013</td>
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Cost and Expenses

<table>
<thead>
<tr>
<th>Program</th>
<th>At CMU (3 year)</th>
<th>At AIT (2 year)</th>
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<tbody>
<tr>
<td>Duration</td>
<td>1st-3rd year</td>
<td>4th-5th year</td>
</tr>
<tr>
<td>Tuition and Registration fee</td>
<td>92,000 baht/year</td>
<td>260,000 baht/year</td>
</tr>
<tr>
<td>Total Tuition and Registration fee</td>
<td>796,000 baht</td>
<td></td>
</tr>
<tr>
<td>Living /Accommodation Expenses</td>
<td>Approximately 300 USD/month</td>
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</tbody>
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*Actual living expenses will vary on each individual student’s lifestyle.

Student Exchange Program

Students have opportunity during 5th year to visit partner institute in France, Korea and Japan and spend one semester.

Accommodation

Hostel/Dormitory facilities are available within around university premises.

Health Insurance

All students are insured for health and on campus health clinic available 24/7.