



CHAWIS SRIMANEE

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PERSONAL INFORMATION

Date of Birth: Feb 11, 1969

Place of Birth: Mae Hong Son Province, Thailand

EDUCATION

Studying Doctoral of Engineering (Geodesy)

Chiang Mai University 2015

Mater of Sciences (Geo-informatics)

Chiang Mai University 2008

Bachelor of Sciences (Geography)

Chiang Mai University 1991

RESEARCH EXPERIENCE

- 2015 Development of Precise Geoid Model of Thailand / The Royal Thai Survey Department & Chiang Mai University
- 2009 The GIS for Household Information Management / Office of Chiang Mai Province
- 2008 The GIS for School GIS Project / Chiang Mai Primary Educational Service Area Office 1
- 2007 The Study of Geo-informatics Standard of ISO/TC 211 and ISO 19122: Geomatics- Qualification and Certification of Personnel / The North Center of Geo-informatics and Space Technology Development Agency
- 2006 Planning and Special Area Planning for Border Trade Channel Development / The Public Works and Town & Country Planning, Phayao Province
- 2003 The Physical Study for Land Slides, Drought, and Flood Solutions Identification in Phayao Area / Phayao Province
- 2003 The Study of Master Plan Implementation of Regional Transportation and Fleet in Nakhorn Nayok Province / Office of Transport and Traffic Policy and Planning.
- 1992 Assistant Researcher / Department of Geography / Highland land use development in Northern Thailand.

TEACHING EXPERIENCE

Chiang Mai University / Chiang Mai, Thailand

2013-2014 Lecturer, Department of Geography

- Photogrammetry: an undergraduate course averaging 70 students per year covering the following topics: History and Development, Camera and aerial photograph characteristic, Parallax, Equipment and Digital Process. Including the 2 hours a week for operational lab.
- Multimedia Cartography: an undergraduate course averaging 10 students per year covering the following topics: Development, Web Service Structure, Digital Cartography with 2 hrs/week operational lab.
- Economic Geography: a non-geography undergraduate students, a class of 120 students covering the topics: Definition, Transportation and Economics Activities, Movement and Spatial Interactivity, Primary Economic Activities (Agriculture), Secondary Economic Activities (Industrial), Location Theory, Central Theory

2009 Part Time Lecturer, Department of Geography

- DTM: one graduate course of 3 students covering the following topics: DTM Data Acquisition and Structuring, DTM Analysis and Application.

The Far Eastern University / Chiang Mai, Thailand

2007-2010 Lecturer, Department of Geo-informatics Technology, Faculty of Science and Technology

- Photogrammetry: an undergraduate courses averaging 5 students per year covering the following topics: History and Development, Camera and aerial photograph characteristic, Parallax, Equipment and Digital Process
- GPS: an undergraduate courses averaging 5 students per year covering the following topics: GPS fundamental, the Earth shape and map projections, GPS applications.

Bachelor Students Advised

2014 Independent study in Geography

- Service area and influent factors to the selection of using Seree department store, Lampang
- Evaluation of waste disposal capacity of Khokha Municipality landfill and Suitable location analysis of waste area in Khokha District, Lampang Province.
- Factors influencing the choice of service and scope of services of Srisangwan Hospital, Muang District, Mae Hong Son Province.
- A Study of Factors Influencing Location Choices and Service Area of Mae Chan street market, Mae Chan District, Chiang Rai Province.

- Development and participation of people in community forest management. Ban Sa District, Chae Hom District, Lampang
- Application of Geographic Information System (GIS) to analyze vulnerable areas for encroachment for agriculture and vulnerable areas for illegal tree felling in the forest area of Salween National Park. Mae Hong Son Province.
- The spread and development of the Protestant church in Chiang Mai city. Chiangmai Province.

2013

Independent study in Geography

- Development and distribution of grocery shops in Tambon Banchang, Maetaeng, Chiang Mai, Thailand: by Chanasit Norcum, Mar 2013.
- Garages service area in Muang Lamphoon, Lamphoon, Thailand: by Chawaroj Jiraphiphutthanakul, Mar 2013.
- The service area comparison between Malin plaza night market and Rincome night market, Chiang Mai, Thailand: by Natthapong Phothawan, Mar 2013.
- Development and service area of artificial grass football fields in Muang Chiang Mai, Thailand: by Thanawut Inchomphu, Mar 2013.
- Community life and the community forest management in Silalaeng municipality, Muang, Phrae, Thailand: by Vorayuth Takaew, Mar 2013.
- The influent factors to Para rubber plantation area expansion in Tambon Namkaen, Muang, Phrae, Thailand: by Satawat Chanlunga, Mar 2013.
- Suitability and potential analysis for extreme bicycle field in Chiang Mai municipality area, Muang Chiang Mai, Thailand: by Athiwat Sangjanthaporn, Mar 2013.

Masters Students Advised

2014

Independent study.

- The Application of Digital Terrain Model (DTM) to Planning drainage in the area of Donkaew Administrative Organization, Mae Rim, Chiang Mai, Thailand: by Anuphab Kerdphon, in processing.

WORK EXPERIENCE

Chiang Mai University / Chiang Mai, Thailand

Lecturer

2013-2014 Photogrammetry, GPS, and Multimedia Cartography

The Far Eastern University / Chiang Mai, Thailand

Chief of Geo-informatics Department, Lecturer

2007-2010 Including with management also lecture in Photogrammetry, GPS, and some part of Physical Geography.

Mapping Solutions Co., Ltd. & IMAP Co., Ltd. / Chiang Mai, Thailand

Project Consultant

- 2011-2012 GPS Data Post Processing / GPS Ground Control Establishment in the area of Yala, Pattani, Narathivas, and Sonkla Province.
- 2011 Data Collection Training / The workshop for Forest Boundary Survey and Validation / Yala, Pattani, Narathivas, and Sonkla Province.
- 2010-2011 Photogrammetry / Orthophoto Mapping / the Urgency to Resolve the Encroachment of Forest Resource of the Country Project

General Manger

- 2002-2007 Field Survey, Digital Photogrammetry, GIS Solutions, and DBMS

GH & Associated Co., Ltd. / Chiang Mai, Thailand

Assistance Director

- 2000-2002 Planning and Map Design / Tourist Mapping / Tourist Authority of Thailand

Loxley Intergraph Co., Ltd. / Bangkok, Thailand

Photogrammetry Manager

- 1994-2000 Large Scale Mapping / Application Specialist and Project Manager / Department of Town and City Planning, Royal Thai Survey Department, Thailand

Consulate General of The United States, Chiang Mai, Thailand

Photolab Technician

- 1993-1994 Technician / Various types of photograph production

PUBLICATIONS

Conference Papers

Rachel A. Dunn and C. Lindsay Anderson and Michael F. Walter and Warinthorn Songskiri and **Chawis Srimanee** and Pattarin Thunyapar and Tammo S. Steenhuis, "Spatial evidence of cross-crop pesticide contamination in small-holder Thai farms," Proceedings of Conference Name, Nov. 17-18, 2008, PAPERID-000000, pp. 503-509.

PROFESSIONAL TRAINING

Advancing Skill Creation to Enhance Transformation, 2017

ASCENT (Advancing Skill Creation to ENhance Transformation), is a project co-funded by an EU Erasmus+ programme grant.

The project will run for three years and is led by the University of Huddersfield's Global Disaster Resilience Centre, based in the UK. They are joined by a consortium of 13 European and Asian higher education institutions from the Bangladesh, Estonia, Lithuania, Sri Lanka, Sweden, Thailand and the UK.

Regional Training Course on Disaster Resilience Leadership, 2013

Asian Disaster Preparedness Center and Disaster Resilient Leadership Academy (DRLA) of the Tulane University of USA

The Disaster Resilience & Leadership (DRL) Fellowship Program is a core component of the Strengthening Leadership in Disaster Resilience Program (SLDRP), which aims to reduce disaster risk in vulnerable communities by systematically strengthening the existing capacity of disaster risk reduction (DRR) practitioners, supporting the development of future leaders, and working towards sustainability through a global network of academic, public and private stakeholders.

Intergraph Canada, Ottawa, Canada, 1996

- Digital Terrain Analysis

Intergraph Corporation, Huntsville, Alabama, USA, 1995

- Certificated of Digital Photogrammetry, Dynamic Map Object Oriented, and Map Generalization

LANGUAGES

Thai: Native Language

English: Good

COMPUTER SKILLS

Programming: Basic skill in computer programming.

Applications: Advance skill in GIS, GPS, Digital Photogrammetry, and Remote Sensing Applications

Platforms: Familiar in both Windows and Unix platforms.