CURRICULUM VITAE

PERSONAL DATA:

First Name: Attawut **Last Name:** Nardkulpat

Office Address:

Faculty of Geoinformatics ,Burapha University , 169 Long-Hard Bangsean Road,

Saen Sook Sub-district, Mueang District, Chonburi (Postal code :20131)

Telephone Mobile: (+66)85-700-6196 **Telephone Office:** (+66) 38-102-328 et 101

Email : attawut@buu.ac.th **Date of Birth:** 22/November/1990

Gender: male **Country of Origin:** Thailand

Nationality: Thai

Website : **https://attawutn.github.io/**

http://geo.buu.ac.th

http://tice.buu.ac.th

http://geolympic.buu.ac.th/

EDUCATION:

MSc. (Geoinformatics), Burapha University, Chon Buri, Thailand , 2017

Thesis : Measuring Coseismic Displacement Using DInSAR Techniques For 5 MAY 2014, Chiang Rai Province, THAILAND

Fellowship and research support by Faculty of Geoinformatics, Burapha University

BSc. (Geography), Burapha University, Chon Buri, Thailand , 2013

WORK HISTORY:

Assistant Researcher, Eastern Region Center Space Technology and Geo-Informatics**,** Burapha University, Chon Buri, Thailand, 2012 – 2013**,** Supervisor: Associate Professor Autcha K.Buakesorn (Director)

2013 – present, Supervisor: Dr. Supan Karnchanasutham (Acting Director)

Research Officer, Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand,

2013 -Present, Supervisor: Dr. Supan Karnchanasutham (Dean)

Assistant Researcher, InSAR Research Group, Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand ,2016 – Present, Supervisor : Dr. Pattama Phodee & Dr. Anuphao Aobpaet

TEACHING:

Teaching Assistant: Geographic Information System 3 (Web GIS), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand**,** 2015

Teaching Assistant: Script Programming (Web application with JavaScript), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand, 2015

Lecturer : Introduction ESA Sentinel Application Platform (SNAP) and Surface Subsidence Monitoring with SNAP. SAR data application for measuring Mae Chan fault displacement training workshop. 19 - 21 June 2017. Chiang Rai Rajabhat University, Chiang Rai, 2017

TRAINING AND PROFESSIONAL DEVELOPMENT:

Atmospheric Correction of Earth Observation Data for Environmental Monitoring: Theory and Best Practices. COSPAR Capacity Building Workshop. GISTDA Training Center, Geo-Informatics and Space Technology Development Agency (Public Organization), Bangkok, Thailand, 4/11/2013 – 8/11/2013

Geo-informatics Technology for Environmental and Disaster Monitoring, Sirindhon Center for Geo-informatics (SCGI), GISTDA, Space Krenovation Park, Chonburi, Thailand, 28/10/2015 – 30/10/2015

ECHOES IN SPACE : Introduction to Radar Remote Sensing. Eo-college, European Space Agency (ESA), Online, 2017

Complete Guide to TensorFlow for Deep Learning with Python. Jose Portilla, https://www.udemy.com/, Online, 2018

Python for Data Science and Machine Learning Bootcamp. Jose Portilla, https://www.udemy.com/, Online, (In Progress)

TECHNICAL SKILLS AND COMPETENCE:

Program experience

- Office: Word, Excel, PowerPoint
- GIS: ArcGIS, QGIS

- Remote Sensing (Radar & Optical) : ENVI, SNAP , DORIS , StaMPS , GAMMA , SARSCAPE

Front-end Developer: HTML5 & CSS **,** JavaScript, WordPress

Web Administrator: http://tice.buu.ac.th , http://geo.buu.ac.th , http://geolympic.buu.ac.th/

Operation Systems: Windows , Linux

Programming Skill: Python, R

WORKING PROJECT:

Attawut Nardkulpat and Supan Karnchanasutham. 2014. The Classification of mangrove vegatation, Using Multispectral image Chantaburi province. Eastern Region Center Space Technology and Geoinformatics , Burapha University (Funding From Geo-Informatics and Space Technology Development Agent (Public Organization))

Attawut Nardkulpat , Dawood Kalaes and Supan Karnchanasutham. 2015. The Application of Geo-information Technology to Classify the Area of Para Rubber and Delineate Maps of Parcel from Satellite Data, Trat Province. Eastern Region Center Space Technology and Geoinformatics , Burapha University (Funding From Geo-Informatics and Space Technology Development Agent (Public Organization))

Supan Karnchanasutham , Wuthichai Kaewwan, Parin Lopittayakorn, Tanista Thai, Dawood Kalaes and **Attawut Nardkulpat**. 2015. Integration Plan for Water Resource Management and Development using Geoinformation Technology in Chon Buri Province, THAILAND**.** Faculty of Geoinformatics, Burapha University (Funding from Chon Buri Provincial office)

Supan Karnchanasutham, **Attawut Nardkulpat**, Narathip Phengphit and Thipatai Khamchan. 2015. The Application of Geo-Information Technology to Delineate Agricultural Maps of Parcel from Satellite Data, Muang District, Chon Buri Province. Eastern Region Center Space Technology and Geoinformatics , Burapha University (Funding From Geo-Informatics and Space Technology Development Agent (Public Organization))

Supan Karnchanasutham, **Attawut Nardkulpat**, Narathip Phengphit ,Thipatai Khamchan, Somkamon Rukweratham and Phannika Aengpan. 2016. The Application of Geo-information Technology to Delineate

Agricultural Maps of Parcel from Satellite Data, Bang Lamung District, Chon Buri Province. Eastern Region Center Space Technology and Geoinformatics , Burapha University (Funding From Geo-Informatics and Space Technology Development Agent (Public Organization))

Supan Karnchanasutham, **Attawut Nardkulpat,** Narathip Phengphit and Somkamon Rukweratham and Phannika Aengpan. The Application of Geo-information Technology to Delineate Agricultural Maps of Parcel from Satellite Data, Bang Lamung District, Chon Buri Province. Eastern Region Center Space Technology and Geoinformatics , Burapha University (Funding From Geo-Informatics and Space Technology Development Agent (Public Organization))

Pattama Phodee , Anuphao Aobphet , Prasit Maksin and **Attawut Nardkulpat**. 2017. Displacement Monitoring of Mae Chan fault, Chiang Rai Province using Time-series InSAR Techniques. Faculty of Geoinformatics, Burapha University (Funding from National Research Council of Thailand: NRCT)

Attawut Nardkulpat and Kaew NualchaweeThe. Present. Application of Geo-information Technology to Delineate Agricultural Maps of Parcel from Satellite Data, Ko Chan District and Ko Sichang District , Chon Buri Province. Funding from Faculty of Geoinformatics, Burapha University.

Publication

Attawut Nardkulpat, Pattama Phoedee, Supan Karnchanasutham, Kaew Nualchawee and Preesan Rakwatin. 2017. Using Differential InSAR Technique for Coseismic Displacement study of Mw 6.3 Chiang Rai Earthquake, Thailand. Journal of RESGAT, Vol.18 Special Issue, ISSN: 1513-4261 (Master Degree claim)

Chotika Ratichaliyakul, Supan Karnchanasutham, Narong Pleerux, Kaew Nualchawee and **Attawut Nardkulpat**. 2017. Extraction Rice Field using Time-series Sentinel-1 : Study case Ranode District, Songkhla Province. Journal of RESGAT, Vol.18, No.18, May-Dec 2017, ISSN: 1513-4261

Attawut Nardkulpat and Supan Karnchanasutham. 2017. The Classification of Mangrove Vegetation, Using Multispectral Image in Chanthaburi Province. Journal of Geoinformation Techonology of Burapha University, Year 2, Vol 4, July – Dec 2017, ISSN: 2465-4469

Chotika Ratichaliyakul, Supan Karnchanasutham, Narong Pleerux, Kaew Nualchawee and **Attawut Nardkulpat**. 2018. The Evaluation of Suitable area for planting of Sangyod rice. Case study: Ranode district, Songkhla province by using physical factor from Sangyod rice area, Pattalung province. King Mongkut's Agriculture Journal, Vol 37, No. 3, September – December 2019, ISSN: 0857-0108