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

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

EDUCATION:

Ph.D (Geoinformatics), Srinakharinwirot University, Bangkok , Present

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

Project: The Application of Geoinformatics for study runoff quantity using hydrologic model (SWAT) Case study: Pha Prong, Sa Kaeo Province

President of the Faculty of Geoinformatics Student Club, 2011

Presenting at The 5th Thai Student Symposium on Geography and Geoinformatics, 25 – 26 October 2012 Department of Geography, Faculty of Liberal Arts, Thammasat University, Thailand

Presenting at WEBCON2, 33rd Asian Conference on Remote Sensing 2012 (ACRS 2012), 26-30 November 2012, Pattaya, Thailand

English Skill

Srinakharinwirot University English Test Score 65/100, 2019

BUU-GET (Burapha University's Graduate English Test) Score 78/100, 2017

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 (Acting Director)

Coordinator, Eastern Region Center Space Technology and Geo-Informatics**,** Burapha University, Chon Buri, Thailand, 2013 – 2018, Supervisor: Dr. Supan Karnchanasutham (Acting Director)

Research Officer, Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand, 2013 -Present

Coordinator, Thailand Geography Olympiad Burapha University Center, 2018 - Present

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 – 8/11/2013

Geo-informatics Technology for Environmental and Disaster Monitoring, Sirindhon Center for Geo-informatics (SCGI), GISTDA, Space Krenovation Park, Chonburi, Thailand, 28 – 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, Udemy.com, Online, 2018

Intro to Data Analytics and Big Data. Chulalongkorn University, Online, 2019

Statement of Accomplishment For Data Scientist with R Track. DataCamp, Online, 2019

Statement of Accomplishment For Python Programming Track. DataCamp, Online, 2019

Machine Learning by Andrew Ng. Stanford University, Online, 2019

Python for Data Science. Eastern Software Park, Burapha University, 2019

MICROSOFT TECHNOLOGY ASSOCIATE : Introduction to Programming using Python. MICROSOFT , 2019

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, http://greentroknong.buu.ac.th

Operation Systems: Windows , Linux, OS X

Programming Skill: Python, R, MATLAB/OCTAVE

Cloud Computing Skill: Amazon Web Service, Google Cloud Platform

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. 2017. The Application of Geo-information Technology to Delineate Agricultural Maps of Parcel from Satellite Data, Ban Bung 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)

TEACHING EXPERIENCE:

Teaching Assistant: 876336 Geographic Information System 3 (Web GIS), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand**,** 2015

Teaching Assistant: 876132 Script Programming (Web application with JavaScript), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand, 2015

Lecturer & Practice: 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, Thailand, 2017

Lecturer & Practice: Introduction to Remote Sensing & Spectroradiometer (Remote Sensing 1), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand**,** 2018

Lecturer & Practice: SAR Remote Sensing and Its Applications (87852061 : Remote Sensing for Master Degree, English Taught, Teach instead of Dr. Pattama Phodee), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand**,** 2018

Lecturer & Practice: AGRICULTURE MONITORING WITH SAR, Office of Agricultural Economics, 24 December 2018. Topland Hotel, Phitsanulok, Thailand, 2018

Lecturer & Practice: Urban Planning and Geographical Information System (GIS), The Office of Disease Prevention and Contrpl 6, 6 - 8 Febuary 2019. The Office of Disease Prevention and Contrpl 6, Chon Buri, 2019

Lecturer & Practice: Introduction to Remote Sensing & Spectroradiometer (Remote Sensing 1), Faculty of Geoinformatics, Burapha University, Chon Buri, Thailand**,** 2019

Publication

Journal

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**. 2019. 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

Attawut Nardkulpat and Narong Pleerux. 2019. Applying GIS to Analyze Road Accidents in Bang Lamung District, Chon Buri Province, Thailand. Journal of RESGAT, Vol.20 Special Issue, ISSN: 1513-4261

Proceeding

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. GEOINFOTECH 2017, 9 – 10 February, Thailand, 2017

Sawitree Luachapichatikul, Pattama Phodee, Sukonmeth Jitmahantakul and **Attawut Nardkulpat**. 2019. COSEISMIC SURFACE DEFORMATION OF THE JULY 4th-5th, 2019 RIDGECREST EARTHQUAKES (Mw 6.4 AND Mw 7.1), CALIFORNIA, USA: PRELIMINARY RESULTS USING DIFFERENTIAL InSAR TECHNIQUE. Geological Disaster in Thailand , 15 – 16 August , Thailand, 2019

Attawut Nardkulpat and Narong Pleerux. 2019. Applying GIS to Analyze Road Accidents in Bang Lamung District, Chon Buri Province, GEOINFOTECH 2019, 27 – 29 August, Thailand, 2019

Narong Pleerux and **Attawut Nardkulpat**. 2019. IDENTIFICATION OF ROAD ACCIDENT RECURRENCE IN SRI RACHA DISTRICT, CHON BURI PROVINCE. The 40th Asian Conference on Remote Sensing (ACRS 2019) October 14-18, Korea, 2019