Parinda Pannoon

Nationality: Thai   **Date of birth:** 26/01/1998   **Gender:** Female

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in **LinkedIn:** https://www.linkedin.com/in/parinda-pannoon-62ab5b234/

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📍 **Home:** 4B Glockengasse, 5020 Salzburg (Austria)

EDUCATION AND TRAINING

Master's Degree in Copernicus Master in Digital Earth
University of Salzburg [03/10/2022 – Current]

Address: Kapitelgasse 4/6, 5020 Salzburg (Austria)
Website: https://www.plus.ac.at/

Erasmus Mundus Joint Master's Degree Scholarship holder

Bachelor of Arts (2nd Class Honors)
Faculty of Arts, Chulalongkorn University [28/07/2016 – 08/06/2020]

Address: 254 Phayathai Road., Pathumwan district, Bangkok, 10330 (Thailand)
Website: https://www.arts.chula.ac.th/geography/?page_id=424
Field(s) of study: Geography and Geoinfomatics
Final grade: 3.42
Thesis: Assessment of sediment deposition in a reservoir : A case study of Prasae reservoir in Rayong, Thailand

Geospatial Applications of Satellite Generated Atmospheric and Climatic Observations
ERASMUS+ Staff Mobility Programme [09/12/2019 – 13/12/2019]

Address: 254 Phayathai road., Pathumwan district, Bangkok, 10330 (Thailand)
Website: https://www.arts.chula.ac.th/geography/?p=1013

- Generate rainfall, temperature and aerosol layers from satellite data
- Analyse monthly statistics of rainfall, temperature and aerosol by using ArcGIS

MAPATHON Workshop
GRAB Thailand [07/07/2018]

Address: GRAB Head Office, New Phetchaburi road, Pathumwan district, Bangkok, 10400 (Thailand)

- Survey an area to create a map based on OpenStreetMap on GPS device
- Update routes, coordinates and buildings to be more accurate
- Digitize and add markers to new areas on OpenStreetMap

WORK EXPERIENCE

GIS Specialist
Research Unit, Chulalongkorn University [15/10/2020 – 15/09/2022]

City: Bangkok
Country: Thailand

- Conduct research into the project of Evaluation of Sedimentation Impacts on a Reservoir.
- Make geoprocessing models by using ArcGIS.
- Perform image classification for analysing land use and land cover changes.
- Compile and update spatial data files from relevant government agencies.
- Assist an international Ph.D student in Malaria Hotspots project in GIS framework.
- Involve the project of Toponym distributions in the part of spatial analysis.

Cartographic Research Analyst
Mr. Kasidi Khunwipulsilkul [10/06/2021 – 12/10/2021]

City: Bangkok

Country: Thailand

- Carry out spatial analysis of buildings density and areas using ArcGIS software.
- Conduct research into Bangkok city plan for creating maps.
- Classify land use and building types.
- Perform land use and building density maps by using ArcGIS.
- Summarize spatial statistics to outline results.

LANGUAGE SKILLS

Mother tongue(s): **Thai**

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

DIGITAL SKILLS

Adobe Photoshop / IBM SPSS Statistics 20 / Google Earth Pro / Pyhton / SQL / Google Earth engine / QGIS / ArcGIS, ArcGIS Online, ArcGIS Pro / HTML / eCognition Developer (Trimble Geospatial)

HONOURS AND AWARDS

ML4Earth Hackathon 2022 (The winner, 3rd place)
Future Lab, Technical University of Munich(TUM) [27/11/2022]

Topic : Crop yield prediction with remote sensing and machine learning and exploring relations with explainable AI.

Link: https://devpost.com/software/ml4earth-hackathon-2022-parinda-yanika

Assessment of sediment deposition in a reservoir : A case study of Prasae reservoir in Rayong (First runner-up award)
The Thai Student Symposium on Geography and Geo-informatics (TSG 12th 2020) [19/01/2020]

PUBLICATIONS

An Analysis and Assessment of Water Adequacy for Economic Crop Cultivation in Rayong Province
[2022]

This research evaluates the adequacy of rainfall and irrigation for economic crop cultivation in Rayong province, Thailand, in 2013, 2016, 2018 and 2020 using GIS.

VOLUNTEERING

Staff : SEASIA 2017 Conference

[Chulalongkorn University, 16/12/2017 – 17/12/2017]

- Monitor and troubleshoot any technical difficulties in meeting room.
- Provide foods and support to set up all audio-visual systems in a session meeting room.
- Coordinate with an organizer to take care of guests smoothly.