



Parinda Pannoon

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

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Home: Remesova 1107/3, 77900 Olomouc (Czechia)

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: Part time

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.

EDUCATION AND TRAINING

Master's Degree in Copernicus Master in Digital Earth

Palacký University Olomouc [18/10/2023 – Current]

Address: Křížkovského 511/8 Olomouc 9, 77900 Olomouc (Czechia)

Website: <https://www.upol.cz/en/>

Erasmus Mundus Joint Master's Degree Scholarship holder

Master's Degree in Copernicus Master in Digital Earth

Paris Lodron University of Salzburg [03/10/2022 – Current]

Address: Kapittelgasse 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 Geoinformatics

Final grade: 3.42

Thesis: Assessment of sediment deposition in a reservoir : A case study of Prasae reservoir in Rayong, Thailand

LANGUAGE SKILLS

Mother tongue(s): **Thai**

Other language(s):

English

LISTENING B2 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Adobe Photoshop / Google Earth Pro / Python / SQL / Google Earth engine / QGIS / ArcGIS, ArcGIS Online, ArcGIS Pro / eCognition Developer (Trimble Geospatial) / HTML

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.

HONOURS AND AWARDS

ML4Earth2023 Physics-aware machine learning. (The winner 1st Place)

Technical University of Munich(TUM) Data Science in Earth Observation [09/2023]

Topic: Using physics-aware machine learning to model and forecast flood events

Innovation Solving PM2.5 Problem Hackathon. (The winner 3rd Place)

YouTHful Issue [09/2023]

Topic: Innovation for solving PM2.5 in Bangkok

Foresight DRM: Disaster Mapping Hackathon 2023. (The winner 2nd Place)

Global Geo-Intelligence Solutions Ltd. [04/2023]

Topic: find a solution with a positive impact on hurricane management in the Bahamas.

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.

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]

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.