



(Tentative) Agenda

GeoAI Training for Remote Sensing Professionals

25 – 29 August 2025

At GISTDA Training Center, 3th Floor, Bangkok

ระยะเวลาในการจัดและสถานที่

- รูปแบบ On-site: ระหว่างวันที่ 25 – 29 สิงหาคม 2568 ณ ห้องฝึกอบรม ชั้น 3 สทอภ. บางเขน กทม.
- รูปแบบ Online: ระหว่างวันที่ 25 – 27 สิงหาคม 2568

หมายเหตุ : กำหนดการอาจเปลี่ยนแปลงตามความเหมาะสม

(ร่าง) กำหนดการ

Time	14/Jul/25 (Mon)	15/Jul/25 (Tue)	16/Jul/25 (Wed)	17/Jul/25 (Thu)	18/Jul/25 (Fri)
9:00–9:30	Introductory Session, Group Photo	Revisions and Q&A			
9:30–10:30	Lecture: Remote Sensing Fundamentals	Lecture: DL Basics (NNs, CNNs)	Lecture: Time Series & RNNs (LSTM)	Hands-on: RF/SVM with EO Data	Project Work: Model Development
10:30–11:00	Coffee Break				
11:00–12:00	Lecture: Basics of Cloud Computing for Remote Sensing	Lecture: Data Prep, Augmentation, Logging	Lecture: Model Evaluation & Visualization	Hands-on: Intro to Deep Learning in Python	Project Work: Finalize Code + Outputs + Polish
12:00–13:00	Lunch Break				
13:00–14:30	Lecture: ML Fundamentals (RF, SVM)	Lecture: UNet for EO Segmentation	Lecture: DL Applications	Hands-on: Data Preparation	Final Project Presentations
14:30–15:00	Coffee Break				
15:00–16:00	Demo: Running a ML model (RF, SVM)	Demo: Building a DL Model	Demo: Building a UNet Model	Hands-on: Image Segmentation	Feedback

*Course info from ITC : <https://www.itc.nl/education/study-finder/geo-information-science-earth-observation/specialisations/geoai/>

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course info



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25 -29 August, 2025

*** online 25 - 27 August, 2025**

Bangkok



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