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Publication Topics

[Applied Earth Observations, Geoscience and Remote Sensing](#), [Computer Vision](#), [Semantic Distillation](#), [Human-AI Interaction](#), [Learning Representations](#)

Biography

Teerapong Panboonyuen received his Ph.D. in Computer Engineering with a specialization in Geoscience AI from Chulalongkorn University, Thailand, in 2020. He is currently a C2F High-Potential Postdoctoral Fellow at Chulalongkorn University, funded by the C2F High-Potential Postdoc Program, and a Senior Research Scientist at Motor AI Recognition Solution (MARS). His doctoral studies were supported by the prestigious 100th Anniversary Chulalongkorn University Fund for Doctoral Scholarship, and his earlier postdoctoral research was funded by the Ratchadapisek Somphot Fund. His research interests include learning representations, optimization theory, self-supervised learning, adversarial attacks, and Large Language Models (LLMs), with a focus on computer vision, geospatial intelligence, and human-AI interaction. He has received several prestigious awards, including the Global Young Scientists Summit (GYSS) Scholarship, presented by Her Royal Highness Princess Maha Chakri Sirindhorn, in recognition of his scientific contributions. He also serves as an invited reviewer for top-tier journals and conferences, including IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Artificial Intelligence, IEEE Transactions on Image Processing, IEEE Transactions on Medical Imaging, IEEE Transactions on Geoscience and Remote Sensing, Pattern Recognition, Neurocomputing, Neural Networks, Computer Vision and Image Understanding, Scientific Reports (Springer Nature), ACM Transactions on Knowledge Discovery from Data, and various other top-tier journals in AI, Computer Science, and Engineering. More information about his research and work can be found at <https://kaopanboonyuen.github.io>. [Show Less](#)

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