

# Building Operational AI Weather Service in Taiwan

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Weather prediction stands as one of the most vital applications of big-data-driven artificial intelligence, profoundly affecting our daily lives. Despite the vast potential for advancements from the machine learning and computer vision communities, few researchers have had the unique opportunity to work closely with meteorologists. This talk will draw from the speaker's own collaborative experiences, illuminating both the successes and challenges faced, with the goal of inspiring and guiding future partnerships in weather and climate research. Additionally, the speaker will share insights into the intersections between meteorological applications and current developments in foundational models and generative artificial intelligence.