

## Introduction :

This project aims to expand ionospheric observational infrastructure in Thailand, Myanmar and Laos and perform data analysis from multi-sensor sources including GNSS, ionosonde and VHF radar station located at the magnetic equator and low-latitude regions. The added data sources as well as existing observational data will be analyzed. We will then generate the data products such as ROTI maps, Spread F statistics, which are useful for communication alternatives during disaster and disturbance detection for aeronautical navigation purpose. The plasma bubbles based on the new VHF radar station on Chumphon campus will be studied. Finally, all the data products will be updated on Thai GNSS and Ionosphere Data Center website.

## Project Members :

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