

## Early Results from pre-YMC 2015 Field Campaign in Sumatra

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The Years of the Maritime Continent (YMC) is designed to take place from mid-2017 to mid-2019 for improving our understanding and prediction of the weather-climate system over the Maritime Continent (MC) region and its global impact. During the campaign period, several intensive observations coordinated under the framework of YMC are planned in addition to the long-term monitoring by the MC local agencies. However, such coordination and conducting observations may encounter unforeseen difficulties. In addition, 2-year period is still insufficient to understand even local-scale phenomena as it may be affected by large/longer-scale phenomena such as El Nino. By considering these factors, we have conducted another field campaign as a pilot study for the YMC, and we call it as pre-YMC campaign. This campaign was conducted in Sumatra, Indonesia including Bengkulu (on and off the coast) and Kototabang from November through December 2015. While we deployed land-based radar/special radiosonde sites in Bengkulu and the R/V Mirai off Bengkulu to study precipitation mechanism, we also conducted water vapor/ozone-sonde observations at the EAR site in Kototabang to study upper troposphere/stratosphere interactions. Observations captured the atmospheric features in the transition phase from inactive to active for convection associated with the Madden-Julian oscillation. In this talk, some selected early results will be presented in addition to the basic information about the field campaign.

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