



## Abstract Details

[AOGS 1st Annual Meeting](#) > [Interdisciplinary Working Groups](#) > **Intense observations in West Sumatra: historical overview and present status** >

**Corresponding Author :** Prof. Manabu D. Yamanaka ([mdy@kobe-u.ac.jp](mailto:mdy@kobe-u.ac.jp))

**Organization:** GSST-Kobe University/FORSGC-JAMSTEC

**Category:** Interdisciplinary Working Groups

**Paper ID:** 57-IWG-A696

**Title:** Intense observations in West Sumatra: historical overview and present status

**Abstract:**

(APHW Joint Session 9A: CEOP) Since the end of 1980s, international collaborations between Indonesia and Japan have been carried out in order to study climate and atmosphere dynamics in the Indonesian maritime continent region. In particular for recent five years, the Agency of Assessment and Application of Technology (BPPT), the Meteorological Geophysical Agency (BMG) and the Institute of Aeronautics and Space (LAPAN) of Indonesia and the Frontier Observational Research System for Global Change (FORSGC) and the Radio Science Center for Space and Atmosphere (RASC, Kyoto University) of Japan have been collaborating to make intense observations in Kototabang, West Sumatra with using rawinsondes, GPS sounding, wind profilers, meteorological radars, isobaric analysis and surface meteorological instruments, and also to make historical database of whole Indonesian climate. These observational data have been submitted to CEOP, and have been used to obtain many interesting features of convective clouds, cloud clusters, equatorial waves, water and energy transport, monsoons, Hadley and Walker circulations, ENSO and DPM events which have been published and submitted to international journals and some of them are also presented in this meeting. In this paper we present a historical overview of them as a typical successful international collaborations in the scientific field in South-East Asian region.

**Presentation Mode:**

**Keywords:** Indonesian maritime continent; international collaborations; intense rawinsonde sounding; multi-instrumental observation campaigns; historical climatological database

**Status:** Reviewed.

**Co-Authors**

No.	Title	First Name	Family Name	Organization
1	Ms.	Tien	Sribimawati	TISDA-BPPT, Indonesia