



General Discussion

- 1) YMC - Phase 2
- 2) Publications
- 3) Any others ?

- 1) Data sharing
- 2) Field campaign
- 3) Modeling
- 4) **Prediction and applications**

Demonstrate prediction improvement through model improvement and assimilating supplementary data from activities 1 and 2.

- 5) Outreaching and **capacity building**

Train the next generation of scientists, forecasters, and technicians for future research, operations, and applications of prediction and simulation tools.

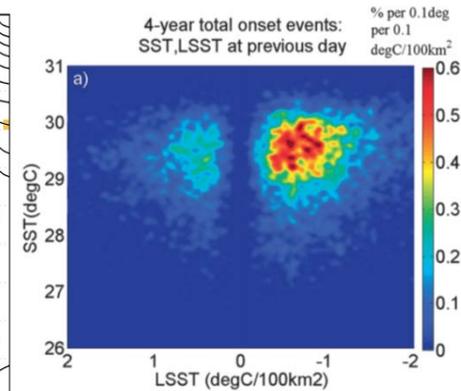
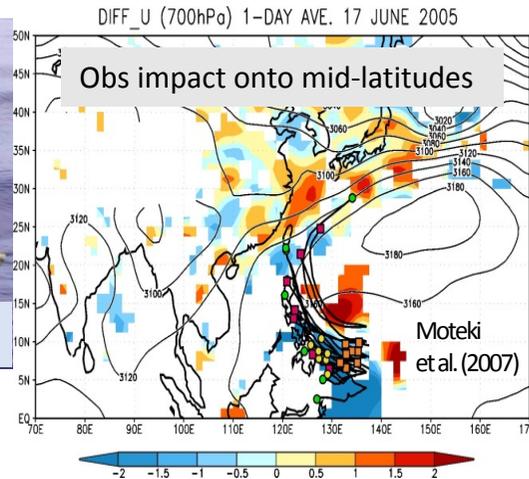
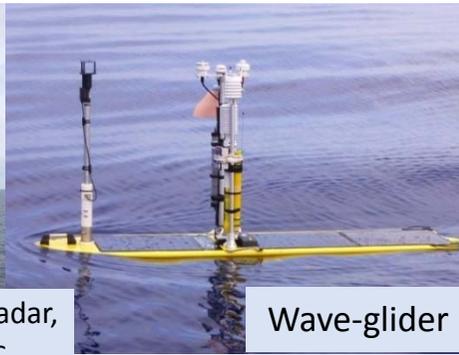
I wonder ...

- 1) How the MC countries can get feedback after 2020 ?
- 2) How “improved models” are testified in real world?

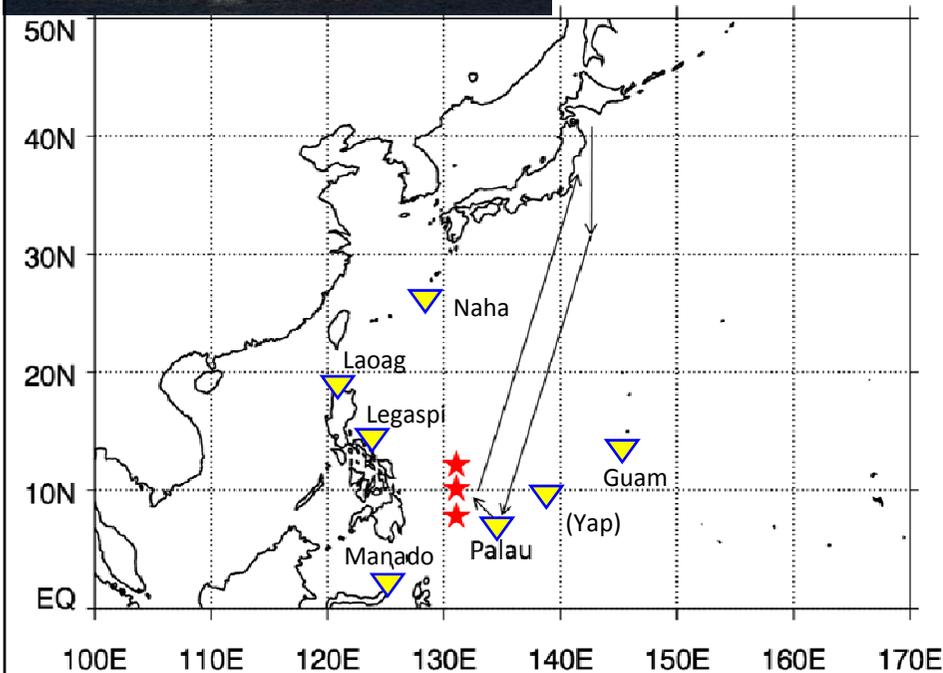
The Keys of “Phase-2” are;

- 1) It should be a different style with current one (many IOPs). Namely, it will be an **“interaction” phase among participants** for producing many scientific results as well as application for operational use.
- 2) It should be **led by the MC countries**.
- 3) YMC framework can **act as a basis & contact point for future collaboration** for weather-climate studies over the MC.

An example of another field campaign based on the YMC Phase-1 legacy as Phase-2



Li and Carbone (2012)



【 Objectives 】 To study relationship between atmospheric convection development and meso-scale SST gradient, and their relation to BSISO.

【 Period 】 June – July 2020

【 Platforms 】 R/V Mirai
 ASV (3 wave-glider equipped with GNSS)
 Land-based (Palau, Philippines, etc.)
 * we will use the observation network established through the YMC.

【 Remarks 】 ASVs will be launched from Palau or Mirai.
 Tokyo Olympic Games (July 24 – Aug 9)

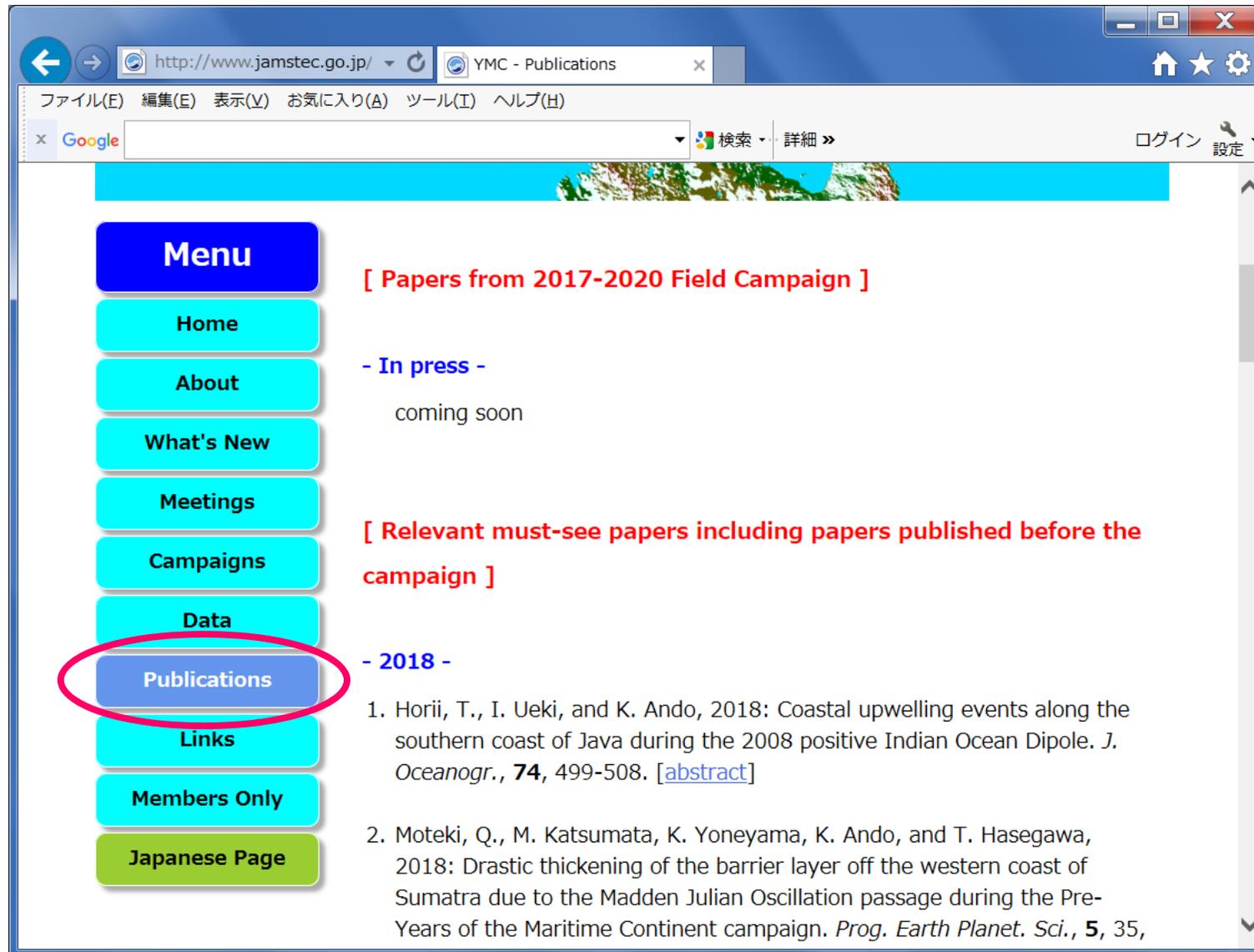
Initial Steps

- 1) Formal announcement (+ call for contributors ?)
- 2) Collect “Needs” from the current YMC community
- 3) Organize “Phase-2 Steering Committee”
- 4) Determine “Terms of Reference”
- 5) Announcement about Phase-2, once determined.

Suggestions

- 1) YMC 5th Workshop
- 2) 2nd ICTMAS is planned in mid-2020 in Jakarta

If your YMC paper is accepted, please let ymc-joffice@jamstec.go.jp know !!



The screenshot shows a web browser window displaying the YMC Publications website. The browser's address bar shows the URL <http://www.jamstec.go.jp/>. The website has a navigation menu on the left with buttons for Home, About, What's New, Meetings, Campaigns, Data, Publications, Links, Members Only, and Japanese Page. The 'Publications' button is circled in red. The main content area features a red heading '[Papers from 2017-2020 Field Campaign]', followed by '- In press - coming soon', another red heading '[Relevant must-see papers including papers published before the campaign]', and a section for '- 2018 -' containing two numbered list items with their respective journal titles and abstract links.

Menu

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[Papers from 2017-2020 Field Campaign]

- In press -
coming soon

[Relevant must-see papers including papers published before the campaign]

- 2018 -

1. Horii, T., I. Ueki, and K. Ando, 2018: Coastal upwelling events along the southern coast of Java during the 2008 positive Indian Ocean Dipole. *J. Oceanogr.*, **74**, 499-508. [[abstract](#)]
2. Moteki, Q., M. Katsumata, K. Yoneyama, K. Ando, and T. Hasegawa, 2018: Drastic thickening of the barrier layer off the western coast of Sumatra due to the Madden Julian Oscillation passage during the Pre-Years of the Maritime Continent campaign. *Prog. Earth Planet. Sci.*, **5**, 35,



Publications-related Issues

Special Edition on the YMC in “*J. Meteor. Soc. Japan*” will be organized by considering the timing that YMC data have been available to the public.

Call for papers will be announced soon.

Note.

It is possible to be a “Special Collection” with other journals.

This makes easier to find the YMC-relevant papers especially for non-YMC members.

Any other topics to be discussed ?