



Welcome to JMA

Outline and Scope of the Seminar



Achievements expected from this seminar

By the end of the seminar, participants are expected

- To understand the basic concepts of climate dynamics, primary modes of variability and teleconnection
- To conduct a research exercise and find a statistical relationship between primary modes of variability (e.g. El Niño and La Niña) and their country's local climate
- To come up with a causal explanation of the identified statistical relationship
- To become a skilled user of a climate analysis tool "iTacs"

Please keep in mind that toward the end of the seminar, all participants will be requested to make a brief presentation on findings from their research.

Structure of the seminar (Day 1)

Day 1 Mon. 14-Nov	10:00-10:40	Opening Session
	10:40-11:00	Coffee Break
	11:00-11:15	Introduction: Outline and Scope of the Seminar
	11:15-12:30	Lecture "Introduction to Climatology"
	12:30-14:00	Lunch
	14:00-15:50	Lecture "Introduction to Climatology" (cont.)
	15:50-16:10	Lecture "TCC website and products"
	16:10-16:30	Coffee Break
	16:30-17:20	Lecture "Interannual to decadal variability in tropical oceans"
	17:20-18:10	Lecture "Primary modes of variability in Earth's climate system"
18:30-20:00	Reception	

Structure of the seminar (Day 2)

Day 2 Tue. 15-Nov	9:30-10:15	Lecture "Introduction to JRA-55"
	10:15-11:15	Exercise: "Operation of iTacs (Basic)"
	11:15-11:35	Coffee Break
	11:35-12:30	Exercise: "Operation of iTacs (Basic)"
	12:30-14:00	Lunch
	14:00-15:40	Exercise: "Operation of iTacs (Advanced)"
	15:40-16:00	Coffee Break
	16:00-17:00	Exercise: "Operation of iTacs (Advanced)"
	17:00-18:00	Lecture "ENSO, AO, and climate in Japan"

Structure of the seminar (Day 3)

Day 3 Wed. 16-Nov	9:30-11:00	Exercise: "Climate associated with primary modes of variability"
	11:00-11:20	Coffee Break
	11:20-12:30	Exercise: "Statistical relationship btw primary modes and circulation"
	12:30-14:00	Lunch
	14:00-16:00	Exercise: "Statistical relationship btw primary modes and circulation"
	16:00-16:20	Coffee Break
	16:20-18:00	Exercise: "Mechanism of relationship btw primary modes and circulation"

Structure of the seminar (Day 4)

Day 4 Thu. 17-Nov	9:30-11:00	Exercise: "Mechanism of relationship btw primary modes and circulation"
	11:00-11:20	Coffee Break
	11:20-12:30	Exercise: "Preparation for presentation"
	12:30-14:00	Lunch
	14:00-16:00	Exercise: "Preparation for presentation"
	16:00-16:20	Coffee Break
	16:20-18:00	Presentation by participants (5 speakers)

Structure of the seminar (Day 5)

Day 5 Fri. 18-Nov	9:30-11:10	Presentation by participants (5 speakers)
	11:10-11:30	Coffee Break
	11:30-12:50	Presentation by participants (4 speakers)
	12:50-13:00	Wrap-up and Closing Remarks
	13:00-18:00	Lunch & Technical Tour

Some remarks on presentation session

The presentation session is going to take place in the evening of Day 4 (Thu.) and in the morning of Day 5 (Fri.).

[Proposed order of speakers]

In the presentation session, participants will be invited to speak **in reverse alphabetical order of country name**.

[Format of presentation session]

All speakers are allocated 15 minutes of presentation, followed by 5 minutes of question and answer time.

[Prototype of presentation material]

A prototype of presentation material will be offered in a session of Day 4. Participants can build their presentation either using this prototype or on your own.

Day 4 (Thu. 17)	16:20-16:40	Viet Nam
	16:40-17:00	Thailand
	17:00-17:20	Sri Lanka
	17:20-17:40	Singapore
	17:40-18:00	The Philippines
Day 5 (Fri. 18)	09:30-09:50	Pakistan
	09:50-10:10	Myanmar
	10:10-10:30	Mongolia
	10:30-10:50	Malaysia
	10:50-11:10	Laos
	Coffee Break	
	11:30-11:50	Indonesia
	11:50-12:10	Hong Kong
	12:10-12:30	Cambodia
	12:30-12:50	Bangladesh

The JMA staff members are waiting in the room to offer assistance if needed.



When you have any difficulties or need help during the course of the seminar, please feel free to contact the JMA staff.

We are happy to serve you!

Enjoy your stay in Tokyo !

