



# International Activities



# Contribution to International Organization

7. International Activities

## Contribution to WMO/GWP

(the Associated Programme on Flood Management)

### Purpose of Guideline

- Sustainable development considering flood risks which are changed by development
- Maximized social benefit in flood prone area for reduction of social vulnerability
- Minimized loss of life
- Conservation of environment



Japanese expert who related in WMO contribute to APFM which is producing IFM (Integrated Flood Management) guideline (2002 ~ )

## Contribution to WMO/ESCAP Typhoon committee

Technical contribution to hydrological component in terms of reduction of typhoon damages in asia-pacific region

2 regional incorporation programme (RIP) (Hazard Map and Landslide Warning System) are ongoing and holding workshop

## Contribution to WWAP (World Water Assessment Programme)

WWAP from phase I in Oct 2000 to ongoing phase III, Since Japanese government strongly support WWAP financially and technically

## Contribution to UNESCO's IRBM (Integrated River Basin Management)

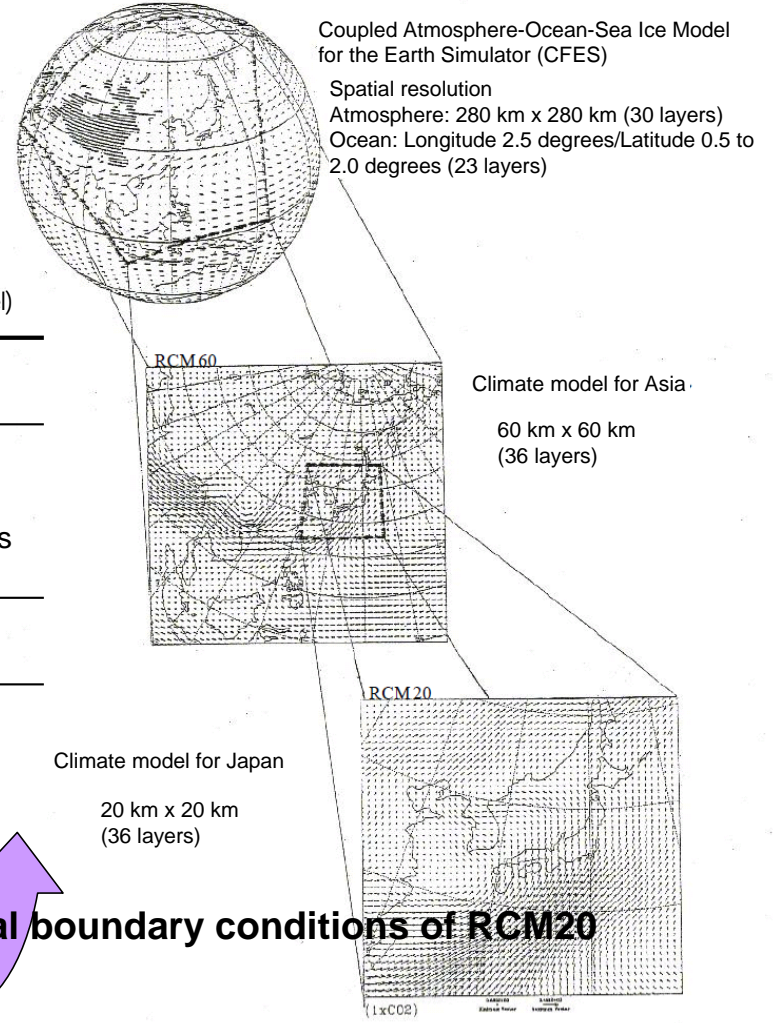
MLIT, JWA, ICHARM contribute their expertise and technology

# Regional Climate Models (RCM20 and GCM20)

The recently developed simulation model enables more detailed regional climate prediction.

## Regional Climate Models

	GCM20 (General Circulation Model)	RCM20 (Regional Climate Model)
Areas to be Calculated	Global scale	Japan and surrounding areas
Horizontal Resolution	About 20 km	About 20 km
	Number of meshes 1920 x 960	Number of meshes 129 x 129
Number of Vertical Layers	60 layers	36 layers
Lateral Boundary Conditions	N/A, as this is a global scale model.	Climate model for Asia



**Concept of lateral boundary conditions of RCM20**