

Scientists share important advances in climate modeling and observation

The workshop “Perspectives in Computational Climate Sciences and the 7th OFES International Workshop” brought scientist from Japan, the United States and Indonesia to the University of Aizu in Aizuwakamatsu, Fukushima, Japan. The two-day meeting on October 2 and 3, 2014, covered recent advances in high-resolution modeling and observations. Topics included severe weather forecasting, the atmospheric storm track, and mid-latitude ocean-atmosphere coupling. Other topics dealt with monsoons and intraseasonal variability in the Indian Ocean, Pacific decadal climate variability, and the specific effects of snow darkening and river discharge on climate. Regarding ocean processes, participants shared their research on atmospheric and oceanic processes responsible for intra-ocean connections, the spread of radionuclides, and North Pacific submesoscale, frontal and eddy variability--all processes that directly or indirectly affect climate.

Scientists from JAMSTEC and IPRC took advantage of the meeting to plan and detail their new collaborative projects *Midlatitude Ocean-Atmosphere Variability* and *Unraveling the Coupled Air-sea Interaction Processes in the Coupled Model for the Earth Simulator (CFES)*, and their other long-standing scientific partnerships.

The meeting was spearheaded by JAMSTEC scientists Hideharu Sasaki and Yukio Masumoto, IPRC alumnus Saji Hameed, now professor at Aizu University, and IPRC’s faculty Niklas Schneider. The participants greatly enjoyed the excellent local logistics and warm hospitality extended by local hosts from the University of Aizu, led by Professor Hameed.



Participants at the University of Aizu OFES meeting.