

# Symposium on "Past, Present, Future of Predicting Ocean and Climate Variability"

Organized by Application Laboratory, JAMSTEC

Venue: Sanjo Kaikan, University of Tokyo

January 26, 2017

9:00	9:30	Registration
9:30	10:00	<p><b>Opening remarks:</b></p> <ul style="list-style-type: none"> <li>- Dr. Asahiko Taira, President, JAMSTEC</li> <li>- Dr. Toshio Yamagata, Director, Application Laboratory</li> <li>- Ms. Eudy Mabuza, Minister Counsellor, Embassy of South Africa</li> <li>- Dr. Purnima Rupal, S &amp; T Counsellor, Embassy of India</li> <li>- Dr. Kaname Kanai, JICA</li> <li>- Prof. Haruo Watanabe, AMED</li> </ul> <p><b>Group photo</b></p>
<p>Indo-Pacific climate variability and predictability studies for social applications Chairs: Yukio Masumoto, Jing-Jia Luo</p>		
10:00	10:20	<p>"Ocean, climate and society" <i>Toshio Yamagata, Application Laboratory, JAMSTEC</i></p>
10:20	10:40	<p>"The Indian Ocean role in monsoon variability and predictability" <i>Rajeevan M. Nair, Ministry of Earth Sciences, India</i></p>
10:40	11:00	<p>"Climate change – adaptation and mitigation: The role of climate science and services" <i>Antonio Navarra, CMCC, Italy</i></p>
11:00	11:20	<b>Coffee Break</b>
<p>Climate application studies for health, agriculture and environment Chairs: Masahiro Hashizume, Venkata Ratnam</p>		
11:20	11:40	<p>"Indian Ocean Dipole Mode and malaria in Africa" <i>Noboru Minakawa, NEKKEN, University of Nagasaki, Japan</i></p>
11:40	12:00	<p>"Climate and disease modeling for societal applications" <i>Swadhin Behera, Application Laboratory, JAMSTEC</i></p>
12:00	12:20	<p>"Climate link to the crop yield of Australia" <i>Yuan Chaoxia, Nanjing University of Information Science and Technology, China</i></p>
12:20	12:40	<p>"Ultra-high resolution time traveling AgMet information from seeding to harvesting; seamless data for prospect estimation of crop yields" <i>Jaiho Oh, Pukyong National University, Korea</i></p>

12:40	-	14:00	<b>Lunch Break</b>
			Climate processes and air-sea interactions in subtropical and midlatitude regions Chairs: Xinyu Guo, Raghavan Krishnan, Akira Kuwano-Yoshida
14:00	-	14:20	"Ocean mesoscale eddy-atmosphere (OME-A) interactions and Its role in extratropical climate" <i>Ping Chang, Texas A&amp;M University, USA</i>
14:20	-	14:40	"Active roles of extratropical ocean in weather and climate" <i>Hisashi Nakamura, RCAST, University of Tokyo</i>
14:40	-	15:00	"Mid-latitude air-sea interaction: recent developments and future opportunities" <i>Shoshiro Minobe, Hokkaido University, Japan</i>
15:00	-	15:20	"Mid-latitude fine-scale oceanic variability and its interaction with atmosphere" <i>Masami Nonaka, Application Laboratory, JAMSTEC</i>
15:20	-	15:40	"A decadal signal of rainfall variations over Northeast Tohoku region and its apparent connection to the North Atlantic Oscillation" <i>Saji Hameed, University of Aizu, Japan</i>
15:40	-	16:10	<b>Coffee and Poster Viewing</b>
			Progresses in ocean variation studies and related applications Chairs: Sergey Varlamov, Toru Miyama
16:10	-	16:30	"Ocean surface circulation: dynamical challenges, impacts and applications" <i>Nikolai Maximenko, IPRC, University of Hawaii, USA</i>
16:30	-	16:50	"Extension of the ocean forecasting including investigation of marine ecosystem behavior and coupling with the seasonal climate forecast" <i>Yasumasa Miyazawa, Application Laboratory, JAMSTEC</i>
16:50	-	17:10	"Nonlinear dynamics on the formation of subthermocline cross-basin zonal jets" <i>Bo Qiu, University of Hawaii, USA</i>
17:10	-	17:30	<b>Discussions</b>
17:30	-	17:40	Closing Remark: Toshio Yamagata
			<b>Posters</b> <i>Ocean acidification detected in coastal water around Japan</i> <i>Miho Ishizu, JAMSTEC</i>
			<i>Dynamic interpolation of Himawari-8 sea surface temperature and its applications</i> <i>Tsutomu Hihara, JAMSTEC</i>
			"Ensemble-based experimental atmospheric reanalysis using a global coupled atmosphere-ocean GCM" <i>Nobumasa Komori, JAMSTEC</i>

		<p>"Frontolysis by surface heat flux in the Agulhas Return Current region with a focus on mixed layer processes"</p> <p><i>Shun Ohishi, University of Tokyo, Japan</i></p>
		<p>"Interannual variability of South Equatorial Current bifurcation along the Madagascar coast and its potential link with the tropical Pacific"</p> <p><i>Yoko Yamagami, University of Tokyo, Japan</i></p>
		<p>"Impacts of salinity anomalies on vertical mixing and SST during positive IOD events"</p> <p><i>Shoichiro Kido, University of Tokyo, Japan</i></p>
		<p>Application Laboratory</p> <p>SATREPS iDEWS</p>
<b>18:00</b>	<b>20:00</b>	<p style="text-align: center;"><b>Reception</b></p> <p style="text-align: center;"><b>Participation Fee: 2000 JPY</b></p>