Collaborative Research based on Equatorial Atmosphere Radar (EAR) in FY2005

No.	PI	Affiliation	Research Title
2005-E01	S. Fukao	Kyoyo Univ.	Observation campaign of tropical cirrus by VHF-band Doppler radar, cloud radar, lidar, weather radar, and radiosondes
2005-E02	S. Mori	JAMSTEC	Study on hierarchical structure of convective system and development of precipitation radar heating algorithm over the Indonesian Maritime Continent
2005-E03	M. Abo	Tokyo Metro. Univ.	Study on atmospheric structure in the equatorial troposphere
2005-E04	M.K. Yamamoto	Kyoyo Univ.	Study on circumstances and temperature dependences of cirrus formation at Kototabang, Indonesia
2005-E05	Findy R.	BPPT	Study on drop size distributions based on Equatorial Atmosphere Radar observations
2005-E06	T.H. Seto	BPPT	Study on convection over Sumatra Indonesia in relation to large-scale disturbances
2005-E07	S. Fukao	Kyoyo Univ.	Investigation of vertical wind obtained by Equatorial Atmosphere Radar during the second CPEA observation campaign
2005-E08	T. Sato	Kyoyo Univ.	Functional expansion of the Equatorial Atmosphere Radar with digital receiver arrays
2005-E09	T. Kozu	Shimane Univ.	Evolution convective clouds, and their coupling with meso- to large-scale precipitation systems
2005-E10	T. Shimomai	Shimane Univ.	High time resolution observation of water vapor profiles in the equatorial region
2005-E11	M. Fujiwara	Hokkaido Univ.	Transport and dehydration processes in the Tropical Tropopause Layer
2005-E12	M.K. Yamamoto	Kyoyo Univ.	Simultaneous observation of aerosol and vertical wind in the lower stratosphere by Equatorial Atmosphere Radar
2005-E13	T. Ogawa	Nagoya Univ.	Study on equatorial ionospheric and thermospheric disturbances
2005-E14	Y. Otsuka	Nagoya Univ.	EAR and VHF (30 MHz) radar observations of field-aligned irregularities in the E and F regions
2005-E15	T. Maruyama	NICT	Study on the onset mechanism of equatorial spread F with EAR and ionosonde network
2005-E16	C. Nagasawa	Tokyo Metro. Univ.	Study on temperature and composition structures in the equatorial mesopause region
2005-E17	K.K. Reddy	JAMSTEC	Characterization of the planetary boundary layer, cloud and precipitation over maritime continent region
2005-E18	U. Haryanto	BPPT	Charracteristic of Atmospheric Ingredients During Heavy Rainfall Over KotoTabang Area
2005-E19	Y. Shibagaki	Osaka E.-C. Univ.	Multi-scale structure of convective systems in Indonesian maritime continent
2005-E20	Y. Maekawa	Osaka E.-C. Univ.	A study on the distribution of precipitating clouds on the propagation paths of satellite communications in the equatorial region
2005-E21	Asril	BPPT	The Relationship of Cloud and Rain Types with Weather Parameters

Database

No.	PI	Affiliation	Research Title
2005-ED01	K.K. Reddy	JAMSTEC	Characterization of the planetary boundary layer, cloud and precipitation using long term observations over maritime continent region