

Collaborative Research based on Equatorial Atmosphere Radar (EAR) in FY2011

No.	PI	Affiliation	Research Title
2011-E01	M. Yamamoto	Kyoto Univ.	Research Enhancement and System Establishment for Space Weather in Indonesia
2011-E02	M. Yamamoto	Kyoto Univ.	Study of equatorial Spread-F with satellite-ground beacon experiment and the Equatorial Atmosphere Radar
2011-E03	Y. Otsuka	Nagoya Univ.	Study on the equatorial ionosphere and thermosphere
2011-E04	Y. Otsuka	Nagoya Univ.	Observations of the field-aligned irregularities in the E and F regions using the EAR and 30MHz radar
2011-E05	T. Nagatsuma	NICT	Study on the onset mechanism of equatorial spread F with EAR and NICT ionospheric observation network
2011-E06	H. Hashiguchi	Kyoto Univ.	Observational study on fine structure of clear air turbulence in the tropical troposphere
2011-E07	H. Hashiguchi	Kyoto Univ.	Observational study on vertical characteristics of precipitation in the tropics
2011-E08	Eddy Hermawan	LAPAN	Determination of Indonesia Monsoon Index Based on the Equatorial Atmosphere Radar (EAR) Data Analysis
2011-E09	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
2011-E10	M. Abo	Tokyo Metro. Univ.	Observation of atmospheric wave propagation from troposphere to mesosphere at equatorial region
2011-E11	S. Sridharan	NARL	Investigation of characteristics and variabilities of non-migrating tides using simultaneous EAR and meteor radar observations at Koto Tabang during Indonesian monsoon periods
2011-E12	C. Nagasawa	Tokyo Metro. Univ.	Study on climatology of the equatorial stratospheric aerosol layer
2011-E13	T. Shimomai	Shimane Univ.	Study on water vapor transport and rainfall based on the radiometer, the EAR and the X band radar observations
2011-E14	Findy Renggono	BPPT	Study on drop size distributions based on Equatorial Atmosphere Radar observations
2011-E15	T. Kozu	Shimane Univ.	Characteristics of raindrop size distribution for convective rainfall at Kototabang
2011-E16	S. Mori	JAMSTEC	Temporal modulation of eastward moving convective intraseasonal variation (ISV) passing over the Indonesian maritime continent
2011-E17	Y. Shibagaki	Osaka E.-C. Univ.	Multi-scale structure of convective systems in Indonesian Maritime Continent
2011-E18	H. Hashiguchi	Kyoto Univ.	Study on intra-seasonal oscillation based on radar network over maritime continent
2011-E19	Marzuki	Andalas Univ.	Characteristics of Rain Cells at Kototabang
2011-E20	Marzuki	Andalas Univ.	Small scale variability of the rain drop size distribution at Kototabang
2011-E21	A.K. Patra	NARL	Angular dependence of daytime 150-km echoes
2011-E22	A.K. Patra	NARL	E and F region coupling and equatorial plasma bubble
2011-E23	Ina Juaeni	LAPAN	Cloud and precipitation mechanism observed with EAR-RASS and X-band meteorological radar over West Sumatera

Database

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2011-ED01	Eddy Hermawan	LAPAN	Determination of Indonesia Monsoon Index Based on the Equatorial Atmosphere Radar (EAR) Data Analysis
2011-ED02	M. Yamamoto	Kyoto Univ.	Study on small-scale turbulence in the tropical troposphere using range imaging with the Equatorial Atmosphere Radar
2011-ED03	M. Yamamoto	Kyoto Univ.	Wind observation of non-precipitating clouds in the middle troposphere using the Equatorial Atmosphere Radar and lidar