

CARBON TIME SERIES STATIONS: INDIAN and SOUTHERN OCEANS

International Ocean Carbon Coordination Project (www.ioccp.org)

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Mooring/Station/ Ship name	Date of operation	Location	Description	Frequency (i.e. monthly, continuous)	PI	Country
Indian						
Stations monitored from ships						
GOA time series station	2003-2012 (Funded)	15N 72E	Sampling of CO ₂ parameters were started in end of 2006 and will continue until 2012.	Monthly	S. W. A. Naqvi	India
East coast time series	2007-2012 (Funded)	15-20N 80-85E	5 transects will be occupied along east coast of India between 15 to 20N and samples are collected along 5 transects of 10 kms wide.	Seasonal	M.D Kumar	India
Bay of Bengal time series	2008-2013 (Proposed)	20N, 90E	Permanent mooring and weekly sampling using automated samplers and seasonal visit to the station.	Seasonal	VVSS Sarma	India
Southern Ocean						
Stations monitored by moorings						
PULSE time series	2008? -	47S 142E	Sub-Antarctic mooring	Continuous	B. Tilbrook (CO ₂)	Australia
NIWA Southern Biophysical Mooring	March 2005- (for SAMI)	SW Pacific, sub- antarctic surface water	Permanent mooring, including SAMI-CO ₂ instrument	Continuous	K. Currie S. Nodder	New Zealand
Marian Cove, King Sejong Station, King George Island	2003-	62°13'S, 58°47' W	Surface measurements	Continuous	Y.C. Kang	Korea

Stations monitored from ships						
Zhongshan Station	1984-	69°S, 75°W	Water column including DIC, pH, ²³⁴ Th, DO, Chl, nutrients, biomass	Annual	L. Chen	China
Changcheng Station	1984-	62°S, 59°W	Water column including DIC, pH, ²³⁴ Th, DO, Chl, nutrients, biomass	Annual	L. Chen	China