

SARAL/AltiKa – Principaux Investigateurs

Nom du PI	Prénom du PI	Organisation	Titre de la proposition	Thème
Achuta Rao	Krishna	IIT Delhi	Steric sea level rise and ocean modeling	Global Mean Sea level & Climate
Anand	A.	Regional Remote Sensing Centre (Central), Nagpur	Study of relationship between mesoscale oceanographic features and pelagic fisheries of Andaman and Nicobar Islands	Ocean Dynamics & Mesoscale
Arnault	Sabine	LOCEAN-IRD	Tropical Atlantic Regional Studies using SARAL/AltiKa	Ocean Dynamics & Mesoscale
Basu	S. K.	SAC, ISRO, Ahmedabad	Assimilation of AltiKa data in Ocean General Circulation Models	Assimilation
Bhandari	S. M.	Indian Centre for Climate and Societal Impacts Research (ICCSIR)	Investigations of the Structure and Dynamics of the Polar Sea ice over the Marginal ice Zone in relation to climate	Polar Ice
Bhandari	S. M.	Indian Centre for Climate and Societal Impacts Research (ICCSIR)	Microwave Signature characterization and study of the environmental State of Sambhar Salt Lake using Radar Altimeter and PMR data from SARAL/AltiKa	Inland water
Birkett	Charon M.	University of Maryland	"The Application of the SARAL/AltiKa radar altimeter data to Inland Surface Water Projects"	Inland water
Birol	Florence	LEGOS	Regional analysis at the "Centre de Topographie des Océans et de l'Hydrosphère" (CTOH)	CalVal
Bonnefond	Pascal	Observatoire de Paris (LTE)		
Bosch	Wolfgang	Deutsches Geodätisches	Global Cross Calibration of SARAL/AltiKa altimeter data for improved estimates of	CalVal

		Forschungsinstitut (DGFI)	Ocean Tides and Ocean Topography (CASA4OT2)	
Boutin	Jacqueline	LOCEAN		
Bowers	Todd	Naval Meteorology and Oceanography Command - OCEANO	Inclusion of SARAL/Altika altimetry OGDR and IGDR data products into NAVOCEANO altimetry data processing for ingest into oceanographic circulation models, as a follow-on to Envisat mission	Operational
Calmant	Stéphane	LEGOS-IRD	ALTIKAMALA	CalVal
Chao	Yi	JPL	Synergistic Applications of SARAL/Altika Radar Altimetry in Regional Oceanographic Investigations	Assimilation
Chapron	Bertrand	IFREMER	Sea ice, rain, spectral analysis and high resolution measurements with Altika	CalVal & Reprocessing
Cheng	Kai-Chien	National Chung Cheng University	Absolute Calibration for Altika Altimeter Data in Taiwan Seas and the Great Lakes	CalVal
Cretaux	Jean-François	LEGOS	AltHydroKa	Inland water
Deng	Xiaoli	University of Newcastle	Satellite Altika altimetry for monitoring of mesoscale variability of the Leuwin Current off Western Australia in Indian Ocean	Coastal
Dibarboure	Gérald	CNES	Validation, Cross-calibration and Multi-mission Merging for High Resolution Altimetry, Ocean Circulation studies and Coastal Applications	CalVal
Durand	Fabien	LEGOS-IRD	AltiGlideX: Towards a synergy of Altika, gliders and XBTs for the monitoring of boundary currents in the South-West Pacific	Coastal
Esselborn	Saskia	GFZ	Comparison of Coastal Altika and tide gauges data around the Indian Ocean	CalVal
Eymard	Laurence	LOCEAN	In-flight Calibration Validation, processing and exploitation of the MicroWave Radiometer onboard SARAL/Altika	CalVal & Reprocessing

Fenoglio-Marc	Luciana	Darmstadt University of Technology	Regional Coastal Altimetry in Europe and Asia-Indonesia (RCA_EUR-IND)	Coastal
Filizola	Naziano	Amazonas State University, UEA	ALAMKA : Altimetric profiles of the Amazon rivers using Altika	Inland water
Gairola	R. M.	SAC, ISRO, Ahmedabad	System and process studies using Altika and other altimeters (ENVISAT, JASON-1, 2)	CalVal & Reprocessing
Gairola	R. M.	SAC, ISRO, Ahmedabad	Oceanic Climate Change indices and Sea Level variability over Indian Ocean	Global Mean Sea level & Climate
Gnanaseelan	C.	IITM, Pune	Understanding the vertical structure of the tropical Indian Ocean	Assimilation
Griffin	David	CSIRO	Assimilation of Altika sea level data into the Australian Bluelink ocean nowcasting and forecasting systems	Operational
Hareesh Kumar		NPOL Cochin	Oceanographic features in the North Indian Ocean from SARAL/Altika data	Ocean Dynamics & Mesoscale
Ichikawa	Kaoru	Kyushu University	Detection of Coastal Velocity Variations in the Tsushima Strait	Coastal
Janssen	Peter	ECMWF	Global Validation and Assimilation of SARAL/Altika Wind and Wave Products	CalVal
Kishtawal	C. M.	SAC, ISRO, Ahmedabad	Improving tropical cyclone intensity prediction using Ocean Heat Content information from satellite Altimeter SARAL	"Marine Meteorology"
Kumar	Raj	SAC, ISRO, Ahmedabad	Understanding coastal processes and assimilation of AltiKa data in Indian coastal regions	Coastal
Kumar	Raj	SAC, ISRO, Ahmedabad	Study of Sea State Bias and sea level using Altika Data	CalVal & Reprocessing
Lazaro	Claire	Universidade do Porto, Faculdade de Ciências (FCUP)	Characterization of the subtropical Atlantic from the synergistic use of satellite altimetry and remote sensing data (AtlantiKa)	Ocean Dynamics & Mesoscale
Lee	Hyongki	Ohio State University	Surface water dynamics over the Congo Basin and over	Inland water

			Arctic lakes using Altika altimeter data	
Lefèvre	Jean-Michel	METEO-France	Contribution of the SARAL/Altika mission to sea-state analysis and prediction in coastal zones	Operational
Lillibridge	John	NOAA	Demonstration Project for Operational Applications of Altika Altimetry	Operational
Mehra	Prakash	NIO, Goa	"Validation of Altika measurements using sea level and meteorological data from Karwar and Kavarati"	CalVal
Menemenlis	Dimitris	JPL	Evaluation and utilization of SARAL/Altika data for global ocean data assimilation	Assimilation
Mercier	Frank	CLS	"Waveforms Analysis and Improved Altimetric Parameters Estimations for Altika"	CalVal & Reprocessing
Mertikas	Stelios	Technical University of Crete	GAVDOS-Altika: Monitoring, Calibration and Validation of SARAL/Altika satellite altimeter measurements using the permanent facility on the island of Gavdos and Crete, Greece	CalVal
Mihir Kumar Dash		IIT-CORAL, Kharagpur	Feature based Study of the Indian Ocean circulation	Ocean Dynamics & Mesoscale
Nayak	Ravindra	IIRS, Dehradun	North Indian coastal and open oceans circulation using a meso-scale ocean model	Ocean Dynamics & Mesoscale
Nerem	Steve	University of Colorado	Measuring global mean sea level variations from the SARAL/Altika mission	Global Mean Sea level & Climate
Nino	Fernando	LEGOS	Radar altimetry waveform inversion for continental water bodies	CalVal & Reprocessing
Oza	S. R.	SAC, ISRO, Ahmedabad	Investigations of the inter-annual polar ice surface characteristics using altimetric observations	Polar Ice
Pascual	Ananda	Institut Mediterrani d'Estudis Avançats, IMEDEA	On the use of SARAL/Altika products for coastal and Mesoscale studies in the Balearic Sea: synergy with other sensors (SAMEBA)	Coastal

Prasad	KVSR	Andhra Univ. Vizag	Application of SARAL for coastal erosion along Vishakhapatnam coast	Coastal
Quartly	Graham	National Oceanography Center, Southampton (NOC)	KaNUTE	CalVal & Reprocessing
Rao	Suryachandra	IITM, Pune	Ocean-Atmosphere coupled processes on intraseasonal time scales in the tropical Indian Ocean	Ocean Dynamics & Mesoscale
Remy	Frédérique	LEGOS	Kassis, Ka Survey of Snow and Ice Surface	Polar Ice
Richman	James	Naval Research Laboratory, Navy	Application of SARAL/Altika altimeter sea surface height data to global mesoscale ocean prediction	Ocean Dynamics & Mesoscale
Rosmorduc	Vinca	CLS	Helping Altika Data Users	Outreach
Sasmal	S. K.	NRSC, Hyderabad	"Analysis of waveform in different types of Indian coastal waters"	Coastal
Scharroo	Remko	Altimetrics	Cross-calibration and validation of Altika altimeter data in the framework of the decadal sea level record	CalVal & Reprocessing
Seyler	Frédérique	ESPACE-IRD	A forA: Altika for Africa	Inland water
Sharma	Rashmi	SAC, ISRO, Ahmedabad	Mesoscale variability in the Tropical Indian ocean from Altika and other contemporary altimeters	Ocean Dynamics & Mesoscale
Shum	C. K.	Ohio State University	Interdisciplinary Science Using Altika Altimetry over Coastal Ocean, Solid Earth and Ice-Sheets	CalVal & Reprocessing
Singh	O. P.	IMD, New Delhi	Sea level and Indian Ocean Dipole & their relationships with Monsoon	Ocean Dynamics & Mesoscale
Smith	Walter	NOAA	Inter-comparison of random noise levels in sea surface heights measured by Altika, Cryosat-2 in SAR mode, and conventional Ku-band altimeters	Marine Geoid
Somayajulu	Y. K.	NIO, Goa	Satellite Altimeter for Monitoring the Coastal Regions of India	Coastal

Sreejith	K. M.	SAC, ISRO, Ahmedabad	A study of the structure, tectonics and isostasy of the Andaman Subduction Zone using SARAL/Altika derived geoid/gravity and bathymetry data	Marine Geoid
Turiel	Antonio	Institut de Ciències del Mar - CSIC	A synergistic approach to study oceans for climate purposes	Ocean Dynamics & Mesoscale
Varma	A. K.	SAC, ISRO, Ahmedabad	Development of Algorithm for Quantitative Estimation of Precipitation using Altimeter and Microwave Radiometer Observations from SARAL	"Marine Meteorology"
Verron	Jacques	LEGI	Assimilation of SARAL/Altika data for physical ocean prediction and ecosystem monitoring	Assimilation
Vialard	Jérôme	LOCEAN-IRD	Sea level variability in the Northern Indian Ocean Coastal Waveguide	Coastal
Vigo	Isabelle	Universidad de Alicante	"Surface geostrophic currents from altimetry and space gravity for the global ocean and the Mediterranean"	Ocean Dynamics & Mesoscale
Watson	Christopher	University of Tasmania	An Australian contribution to SARAL/Altika calibration and validation over ocean and ice	CalVal