



(A)ATSR Exploitation Plan Volume 2

Projects that have requested (A)ATSR data

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1 INTRODUCTION

1.1 Overview

This document is Volume 2 of the (A)ATSR Exploitation Plan (AEP).. It contains lists of projects that have indicated to the European Space Agency (ESA) a requirement for level 1b and level 2 (A)ATSR data. There are, in addition, a large number of users who make use of derived (A)ATSR products, such as the ESA World Fire Atlas (WFA) and the ESA-supported GHRSSST L2P distribution. A number of users also make use directly of ATSR-1/ATSR-2 data from the UK and ESA archives. Increasingly, there will be groups of users who exploit other intermediate (A)ATSR products such as level 3, gridded averages, and climatologies.

The purpose of the document is to provide an overview of the types of projects being undertaken using (A)ATSR and contacts for each of the projects.

The document is intended to act as a resource to help the (A)ATSR Exploitation Board (AEB) to formulate further developments in the use of (A)ATSR data. In time, the partners may wish to augment this list with their own additional listings of projects that use (A)ATSR data.

1.2 Format of this document

This document is Volume 2 of the AEP. It is split into two sections:

1. Introduction

This section provides an overview of Volume 2, its aims and structure.

2. Projects that have requested (A)ATSR Data from ESA

This section will list all the projects that are known to have requested (A)ATSR data from the funding partners. In this version, only data requests to ESA are listed.

1.3 Strategy for updating this document

Volume 2 will be updated on an annual basis or as directed by the AEB.



2 PROJECTS THAT HAVE REQUESTED (A)ATSR DATA

2.1 Overview

This section contains lists of projects that have requested (A)ATSR data from any of the funding agencies.

Issue 1 of the document contains only those ESA Announcement of Opportunity (AO) projects that indicated a requirement for (A)ATSR prior to 2006 when the (A)ATSR Science Exploitation Plan (SEP) was completed.

In future versions of Volume 2, the lists will be updated to include further ESA AO projects, as well as lists of other agency-funded projects, as requested by the AEB.

2.2 ESA AO projects requiring (A)ATSR data

ID	Type	PI	Institution	Country	Title	Application Domain
106	ENVISAT-AO	HOLZER-POPP, BORN POPP Thomas	Deutsches Zentrum fuer Luft- und Raumfahrt e.V.	GERMANY	SENECA - SYNERGETIC ENVISAT DATA EXPLOITATION FOR CLOUD, AEROSOL AND OZONE RETRIEVAL	Atmosphere
108	ENVISAT-AO	NGHIEM Son V.	Jet Propulsion Laboratory, MS 300-235	USA	SEA ICE REMOTE SENSING WITH ENVISAT DATA	Ice
109	ENVISAT-AO	LI Shusun	Geophysical Institute	USA	INVESTIGATION OF DISTRIBUTION PATTERNS OF TUNDRA AND PRAIRIE SNOW COVERS USING MELT-SEQUENCE IMAGES ACQUIRED BY MERIS, ASAR, AND AATSR SENSORS ON THE ENVISAT	Hydrology
113	ENVISAT-AO	MENZ Gunter	Department of Geography, University of Bonn	GERMANY	MODELLING VEGETATION DYNAMICS AND BIOMASS IN SEMIARID ECOSYSTEMS (EASTERN AFRICA) USING MULTISENSOR APPROACHES	Renewable Resources
119	ENVISAT-AO	HAGOLLE Olivier	CNES	FRANCE	COMPARAISON DES PRODUITS DE MERIS, AATSR ET SCIAMACHY AVEC LES PRODUITS FOURNIS PAR POLDER ET VEGETATION	Calibration/ Validation
122	ENVISAT-AO	DE FRAIPONT Paul	SERTIT	FRANCE	ASSESSMENT OF THE SYNERGY OF ASAR, MERIS AND AATSR DATA FOR THE MONITORING AND THE MANAGEMENT OF TEMPERATE EUROPEAN SENSITIVE ECOSYSTEMS. THE CASE OF THE GRASSLAND OF BIEBRZA AREA (POLAND) AND OF THE WETLANDS OF THE ALSACIAN FLOODPLAIN (FRANCE)	Hydrology
124	ENVISAT-AO	FANTON D'ANDON (1) MANGIN (2) Odile (1) Antoine (2)	ACRI	FRANCE	UVE-H : TOWARDS A UV RADIATION MONITORING FROM ENVISAT TO BE USED FOR HEALTH INFORMATION	Atmosphere
140	ENVISAT-AO	PAMPALONI Paolo	IROE-CNR	ITALY	ALGORITHMS AND MODELS FOR LAND CLASSIFICATION AND MONITORING	Renewable Resources
144	ENVISAT-AO	CAMY-PEYRET Claude	LPMA/CNRS	FRANCE	BALLOON VALIDATION OF HNO3 AND N2O MIPAS PRODUCTS AND RELATED STUDIES	Calibration/ Validation
146	ENVISAT-AO	CAMY-PEYRET Claude	LPMA/CNRS	FRANCE	BALLOON VALIDATION OF CO AND CH4 SCIAMACHY PRODUCTS AND RELATED STUDIES	Calibration/ Validation
149	ENVISAT-AO	MARULLO Salvatore	ENEA	ITALY	USE OF OCEAN COLOR DATA TO STUDY THE RELATION BETWEEN MESOSCALE DYNAMICS AND OCEAN PRODUCTIVITY IN THE MEDITERRANEAN SEA	Oceanography
151	ENVISAT-AO	LLEWELLYN-JON ES David	Earth Observation Science Group, Physics Dept.	UK	MULTI-SENSOR SATELLITE OCEANOGRAPHY FOR PREDICTIVE FISHERIES FORECASTING	Oceanography
152	ENVISAT-AO	DUGUAY Claude	Universite Laval	CANADA	DETERMINATION OF ICE FREEZE-UP AND BREAK-UP DATES OF LARGE LAKES USING ENVISAT ASAR AND AATSR: A CONTRIBUTION TO LAKE ICE MONITORING AND MODELLING ACTIVITIES OF THE CANADIAN CRYSYS PROGRAM	Ice
155	ENVISAT-AO	MERCHANT Christopher	Institute for Meteorology, The University of Edinburgh	UK	SEA SURFACE TEMPERATURE: RETRIEVAL METHOD, GEOPHYSICAL VALIDATION, AND MULTI-MISSION PRODUCT DEVELOPMENT	Oceanography
164	ENVISAT-AO	ROTT Helmut	Inst. f. Meteorology & Geophys., Univ.of Innsbruck	AUSTRIA	ENVIRONMENTAL RESEARCH IN THE EASTERN ALPS USING ASAR AND MERIS	Hydrology
172	ENVISAT-AO	PURINI Roberto	CNR - ITTS	ITALY	INTEGRATING SATELLITE DATA WITH COUPLED MODELS OF THE ATMOSPHERE AND THE OCEAN	Oceanography
176	ENVISAT-AO	VAN DER WOERD Hans	Institute for Environmental Studies	NETHERLANDS	ACCESS (ATMOSPHERIC CORRECTION CONTROL BY ENVISAT SCIAMACHY/MERIS/AATSR SYNERGY)	Methods



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178	ENVISAT-AO	PRINSENBERG Simon J.	Bedford Institute of Oceanography	CANADA	IDENTIFICATION AND VALIDATION OF SEA-ICE SIGNATURES IN ENVISAT IMAGERY OF CANADA'S GULF OF ST. LAWRENCE, LABRADOR/NEWFOUNDLAND SHELF AND ARCTIC ARCHIPELAGO.	Sea-Ice
181	ENVISAT-AO	MASTRANTONIO Giangiuseppe	IFA/CNR	ITALY	SATELLITE AND GROUND-BASED REMOTE SENSING FOR ACCURATE MODELLING AND FORECASTING OF MESOSCALE AND LOCAL CIRCULATION	Atmosphere
183	ENVISAT-AO	FENOGLIO/MARC Groten	Institute of Physical Geodesy/Technica I University	GERMANY	LONG TERM SEA LEVEL VARIABILITY FROM MULTI-SATELLITE ALTIMETRY IN EUROPEAN SEAS	Geodesy
186	ENVISAT-AO	ABBATE Giulia	ENEA	ITALY	CHARACTERIZATION, MONITORING, MANAGEMENT OF MICROCLIMATE AND AIR QUALITY IN URBAN AREAS BY INTEGRATED USE OF REMOTE SENSING TECHNIQUES	Land Environment
192	ENVISAT-AO	PINGREE Robin	PLYMOUTH MARINE LABORATORY	UK	SUBTROPICAL GYRE STUDIES COMBINING ENVISAT ALTIMETER (RA2), ASAR, OCEAN COLOUR (MERIS) AND OBSERVATIONAL DATA	Oceanography
194	ENVISAT-AO	GOHIN Francis	IFREMER	FRANCE	MODELS AND COLORS (MODECOLO)	Coastal Zones
195	ENVISAT-AO	BOUTIN Jacqueline	LODYC/CNRS	FRANCE	AIR-SEA CO2 FLUXES IN THE SOUTHERN OCEAN	Oceanography
197	ENVISAT-AO	SERIO Carmine	Dip. di Ingegneria e Fisica dell'Ambiente	ITALY	MERIS/AATSR/AVHRR/MWR/RA-2/H IRS/IASI MEDITERRANEAN CLOUD MASK AND CLOUD PROPERTY RETRIEVAL	Atmosphere
206	ENVISAT-AO	VISCONTI Guido	Department of Physics, University of L'Aquila	ITALY	VALIDATION AND DATA ASSIMILATION IN THE TROPOSPHERE AND THE STRATOSPHERE	Calibration/ Validation
208	ENVISAT-AO	WADHAMS Peter	Scott Polar Res. Inst., Univ. Cambridge	UK	THE USE OF ASAR, AATSR AND ALTIMETER DATA PRODUCTS FOR THE STUDY OF SEA ICE RESPONSE TO CLIMATIC CHANGE	Oceanography
210	ENVISAT-AO	WEGMULLER Urs	Gamma Remote Sensing	SWITZERLAND	LANDUSE MAPPING WITH ENVISAT ASAR	Calibration/ Validation
224	ENVISAT-AO	Kerléguer Laurent	MERCATOR Project Leader LEGOS	FRANCE	FEASIBILITY OF A NEAR-REAL-TIME MONITORING OF MESOSCALE OCEAN DYNAMICS	Oceanography
226	ENVISAT-AO	IVANOV Andrei	P.P. Shirshov Institute of Oceanology, RAS	RUSSIAN FEDERATION	STUDY OF HYDROPHYSICAL PHENOMENA IN THE UPPER SURFACE LAYER OF THE BLACK SEA AND LAKE LADOGA VIA ANALYSIS THEIR SIGNATURES IN ENVISAT IMAGERY	Oceanography
235	ENVISAT-AO	FROIDENFOND Jean-Marie	UMR 5805, CNRS, Universite Bordeaux-1	FRANCE	MONITORING OF COASTAL TURBIDITIES AND ASSOCIATED MARINE STRUCTURES FROM ENVISAT INSTRUMENTS	Coastal Zones
239	ENVISAT-AO	SCOON Alison	DERA Farnborough	UK	SURFACE ROUGHNESS AND OCEAN COLOUR SIGNATURES OF DYNAMIC OCEAN FEATURES FROM ASAR AND MERIS	Coastal Zones
241	ENVISAT-AO	ABEN Ilse	Space Research Organisation Netherlands	NETHERLANDS	VALIDATION OF CO AND METHANE SCIAMACHY DATA PRODUCTS - COMETH	Calibration/ Validation
243	ENVISAT-AO	WOOSTER Martin	Department of Geography, King's College London	UK	MONITORING OF ACTIVE VOLCANOES USING COMBINED AATSR AND ASAR DATA	Hazards
244	ENVISAT-AO	SCHMULLIUS Christiane	Friedrich-Schill er-University Jena Institute of Geography Department of Geoinformatics	GERMANY	METHANEO - METHANE ESTIMATION THROUGH APPLICATION OF NEW EARTH OBSERVATION	Hydrology
247	ENVISAT-AO	MATZLER Christian	Institute of Applied Physics	SWITZERLAND	VALIDATION OF TROPOSPHERIC PARAMETERS FROM ENVISAT (VATROP)	Calibration/ Validation
252	ENVISAT-AO	EBEL Adolf	Uni. Cologne, Inst. f. Geoph. & Meteorol., EURAD	GERMANY	ASSIMILATION OF ENVISAT CONSTITUENT OBSERVATIONS INTO ATMOSPHERIC CHEMISTRY TRANSPORT MODELS	Atmosphere



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253	ENVISAT-AO	Similä Markku	M. Sc., Research Scientist Finnish Institute of Marine Research PO Box 33	FINLAND	ENVISAT AND SEA ICE PROPERTIES IN THE BALTIC SEA (ESSI)	Oceanography
254	ENVISAT-AO	BOBYLEV Leonid	Nansen International Environmental and RS Center	RUSSIAN FEDERATION	STUDYING AND MONITORING ENVIRONMENTAL POLLUTION OVER NORTH-WESTERN RUSSIA MAKING SYNERGISTIC USE OF ENVISAT DATA	Coastal Zones
257	ENVISAT-AO	DE LEEUW Gerrit	TNO-FEL	NETHERLANDS	RETRIEVAL OF AEROSOL PROPERTIES USING SCIAMACHY AND AATSR (RASA)	Atmosphere
266	ENVISAT-AO	QUEGAN Shaun	SCEOS, University of Sheffield	UK	MODELLING AND OBSERVATION OF VEGETATION ACTIVITY IN HIGH LATITUDE TRANSITION ZONES	Renewable Resources
267	ENVISAT-AO	QUARTLY Graham	Southampton Oceanography Centre	UK	ACCURATE RAIN INFORMATION FROM ENVISAT SENSORS (ARIES)	Calibration/ Validation
268	ENVISAT-AO	BERGER Franz H.	Dresden University of Technology - Meteorology	GERMANY	SYNERGY OF ENVISAT AND METEOSAT/MSG DATA TO INFER SURFACE FLUXES	Atmosphere
270	ENVISAT-AO	HOLLINGSWORTH Anthony	ECMWF	UK	ECMWF RESPONSE TO ENVISAT-AO	Calibration/ Validation
278	ENVISAT-AO	REES Gareth	Scott Polar Research Institute, Univ. of Cambridge	UK	HIGH LATITUDE VEGETATION DYNAMICS IN STRESSED ENVIRONMENTS	Renewable Resources
279	ENVISAT-AO	BARET Frederic	INRA	FRANCE	DEVELOPMENT AND EVALUATION OF MERIS/AATSR PRODUCTS FOR THE CHARACTERISATION OF NATURAL AND CULTIVATED VEGETATION	Calibration/ Validation
285	ENVISAT-AO	USACHEV Vladimir	State Hydrological Institute	RUSSIAN FEDERATION	DEVELOPMENT OF COMPUTER SYSTEM OF HYDROLOGICAL FORECASTING FOR THE NORTH- WEST REGION OF RUSSIA ON THE BASIS OF GIS TECHNOLOGIES AND JOINT USE OF LAND AND SPACE INFORMATION	Hydrology
290	ENVISAT-AO	WEEKS Alison	Southampton Institute	UK	MERIS: CALIBRATION AND VALIDATION IN THE WESTERN MEDITERRANEAN SEA	Calibration/ Validation
294	ENVISAT-AO	MUTLOW Christopher	Rutherford Appleton Laboratory	UK	SEA SURFACE TEMPERATURES FOR CLIMATE CHANGE - AATSR-1, AATSR-2 AND AATSR	Oceanography
301	ENVISAT-AO	SEIDENSCHWARZ Franz	University of San Carlos	PHILIPPINES	ENVIRONMENTAL CHARACTERIZATION OF TERRESTRIAL AND MARINE ECOSYSTEMS OF THE VISAYAS REGION, PHILIPPINES	Coastal Zones
303	ENVISAT-AO	JOHANNESSEN Ola M.	Nansen Environmental and Remote Sensing Center	NORWAY	AOSGE: THE ARCTIC OCEAN SYSTEM IN THE GLOBAL ENVIRONMENT	Oceanography
311	ENVISAT-AO	TOUDAL Leif	Danish Center for Remote Sensing (DCRS)	DENMARK	AIR-SEA-ICE INTERACTIONS USING ASAR	Sea-Ice
312	ENVISAT-AO	CLERBAUX Cathy	Service d'Aeronomie du CNRS	FRANCE	TROPOSPHERIC OZONE AND ITS PRECURSORS FROM ENVISAT : GLOBAL MODEL EVALUATION AND DATA ASSIMILATION	Atmosphere
316	ENVISAT-AO	SHOKR Mohammed	Atmospheric Environment Service	CANADA	ESTIMATION OF SURFACE HEAT FLUXES FROM SEA ICE USING ENVISAT MULTI-SENSOR DATA	Ice
319	ENVISAT-AO	HAJJI Hafedh	Meteomer	FRANCE	SAAMO: COMBINE USE OF ENVISAT MEASUREMENTS (ASAR, AATSR AND MERIS) AND OPTIC DATA (SPOT, LANDSAT) TO STUDY COASTAL PROCESSES	Coastal Zones
330	ENVISAT-AO	PEETERS Philippe	Belgian Institute for Space Aeronomy	BELGIUM	UV STUDIES USING ENVISAT PRODUCTS : SOLAR MEASUREMENTS VALIDATIONS AND SURFACE UV FIELDS DETERMINATION	Calibration/ Validation
336	ENVISAT-AO	REMY Frederique	LEGOS (CNES-CNRS)	FRANCE	OSCAR (OBSERVATIONS DES SURFACES CONTINENTALES PAR ALTIMETRIE RADAR)	Renewable Resources
337	ENVISAT-AO	MENENTI Massimo	SC-DLO, the Netherlands	NETHERLANDS	LAND SURFACE HEAT BALANCE AND NWP MODELLING USING AATSR AND MERIS	Land Environment



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338	ENVISAT-AO	JIANCHENG SHI Jiancheng	Institute for Computational Earth System Science	USA	ESTIMATION SNOW PROPERTIES USING ENVISAT MEASUREMENTS FOR SNOW MELTING PREDICATION IN ALPINE REGIONS	Hydrology
342	ENVISAT-AO	CANTON Manuel	Las Palmas de Gran Canaria University (ULPGC)	SPAIN	ANALYSIS OF MESOSCALE OCEAN FEATURES IN NW AFRICA COASTAL TRANSITION ZONE AND CANARY ISLAND REGION	Oceanography
343	ENVISAT-AO	MOUGINIS-MARK Peter	University of Hawaii	USA	MONITORING ACTIVE VOLCANOES WITH ENVISAT	Hazards
345	ENVISAT-AO	JOHANNESSEN Ola M.	Nansen Environmental and Remote Sensing Center	NORWAY	ICEWATCH II: ICE MONITORING IN THE NORTHERN SEA ROUTE USING ENVISAT DATA	Oceanography
347	ENVISAT-AO	MOREL Andre	LPCM	FRANCE	OCEANIC PRIMARY PRODUCTION AND ATMOSPHERIC AEROSOL MONITORING AT GLOBAL SCALE VIA MERIS DATA	Oceanography
359	ENVISAT-AO	MARTIN Thomas	Institut fuer Meereskunde	GERMANY	THE DEVELOPMENT OF PHYTOPLANKTON BLOOMS IN THE OPEN OCEAN AND IN THE MARGINAL ICE ZONE	Oceanography
364	ENVISAT-AO	Henebry Geoffrey M.	Center for Advanced Land Management Information Technologies (CALMIT) Institute of Agriculture and N	USA	SPATIO-TEMPORAL CHANGE DETECTION AND QUANTIFICATION: GROUNDWORK FOR OPERATIONAL ENVIRONMENTAL MONITORING AND COMPARATIVE LANDSCAPE DYNAMICS	Land Environment
369	ENVISAT-AO	CROMWELL David	James Rennell Division for Ocean Circulation	UK	VARIABILITY IN LARGE-SCALE OCEAN CIRCULATION	Oceanography
371	ENVISAT-AO	Kratzer Susanne	Stockholm University	SWEDEN	GEOPHYSICAL VALIDATION OF MERIS OCEAN COLOUR PRODUCTS INCLUDING AN EXTENDED ATMOSPHERIC CORRECTION METHOD USING AATSR AND MERIS IN CONJUNCTION	Calibration/ Validation
372	ENVISAT-AO	BOWERS David	School of Ocean Sciences, Uni. of Wales Bangor	UK	STUDY OF ALGAL BLOOM DYNAMICS IN COASTAL AREAS AT MESOSCALE WITH OCEAN COLOUR DATA	Coastal Zones
373	ENVISAT-AO	BJERKELUND Cathryn	Canada Centre for Remote Sensing	CANADA	INVESTIGATION OF SYNERGY BETWEEN MEDIUM RESOLUTION IMAGING SPECTROMETER AND ADVANCED SYNTHETIC APERTURE RADAR WIDE SWATH MODE FOR THREE COASTAL ZONE CASE STUDIES: MACKENZIE DELTA; LABRADOR SEA MARGINAL ICE ZONE; AND WEST COAST OF VANCOUVER ISLAND	Coastal Zones
376	ENVISAT-AO	VOGELZANG Jurriaan	RWS-AGI	NETHERLANDS	MONITORING THE EFFECTS OF DREDGING WORKS IN THE WESTERN SCHELDT WITH ENVISAT	Coastal Zones
378	ENVISAT-AO	BOBYLEV Leonid	Nansen International Environmental and RS Center	RUSSIAN FEDERATION	STUDY AND MONITORING RUSSIAN BOREAL FORESTS MAKING SYNERGISTIC USE OF ENVISAT AND OTHER SATELLITE DATA	Renewable Resources
379	ENVISAT-AO	CAPES Ren	Nigel Press Associates Ltd.	UK	POLARISATION DIVERSITY AND TEMPERATURE OF SEA SURFACE TO IMPROVE CATEGORISATION OF OCEAN SLICKS IN OFFSHORE OIL EXPLORATION AND POLLUTION BENCHMARKING	Hazards
384	ENVISAT-AO	SOBRINO Jose A..	UNIVERSITY OF VALENCIA. DPT. OF THERMODYNAMICS	SPAIN	MULTICHANNEL AND MULTIANGLE ALGORITHMS FOR DERIVING SEA AND LAND SURFACE TEMPERATURES WITH ENVISAT-AATSR DATA	Methods
391	ENVISAT-AO	LEONID Mitnik	Pacific Oceanological Institute of RAS	RUSSIAN FEDERATION	STUDY OF THE INTERACTION OF OCEANIC AND ATMOSPHERIC PROCESSES IN THE JAPAN SEA AND THE SOUTHERN OKHOTSK SEA	Oceanography
392	ENVISAT-AO	TSCHERNING Carl Christian	Geophysical Department, NBI/AFG	DENMARK	GEOPHYSICAL INVESTIGATIONS OF SEA, LAND AND ICE FROM A SYNERGY OF ENVISAT DATA	Ice
398	ENVISAT-AO	BURROWS John P.	University of Bremen	GERMANY	TROPOSPHERIC PROCESSING STUDIES USING SCIAMACHY DATA (TROPROSS-GR)	Atmosphere



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400	ENVISAT-AO	METSAMAKI Sari	Finnish Environment Institute	FINLAND	ASSESSMENT OF THE USABILITY OF ENVISAT MERIS, AATSR, ASAR DATA IN MONITORING OF COASTAL WATERS, LAKES AND SNOW IN FINLAND	Coastal Zones
404	ENVISAT-AO	GITELSON Anatoly	Ben-Gurion University of the Negev	ISRAEL	REMOTE MONITORING OF ISRAELI AND GERMAN ENVIRONMENTS: SCIENTIFIC PREPARATION OF ESA'S ENVIRONMENTAL MONITORING SATELLITE (ENVISAT) DATA UTILISATION (REMEN)	Land Environment
407	ENVISAT-AO	SROKOSZ Meric	Southampton Oceanography Centre	UK	VARIABILITY, INTERACTIONS AND BIO-PHYSICS FROM ENVISAT (VIBE)	Oceanography
410	ENVISAT-AO	SMITH David L.	Rutherford Appleton Laboratory	UK	VICARIOUS INTER-CALIBRATION OF AATSR, MERIS, AVHRR AND OTHER SATELLITE SENSORS USING TERRESTRIAL TARGETS	Calibration/Validation
413	ENVISAT-AO	Stevens Nicki	Active Landscapes, Institute of Geological and Nuclear Sciences	NEW ZEALAND	ENVISAT ASAR FOR REGIONAL VOLCANO EARLY WARNING	Hazards
415	ENVISAT-AO	CHALLENGOR Peter	Southampton Oceanography Centre	UK	MEDIUM TO LONG TERM VARIABILITY IN GLOBAL WAVE CLIMATE FROM A MULTI-SATELLITE DATA BASE	Oceanography
417	ENVISAT-AO	BEGUE Agnes	Maison de la Teledetection, CIRAD	FRANCE	EARLY DETECTION OF THE DESERT LOCUST HABITATS : A SYNERGISTIC ENVISAT MULTI-SENSOR APPROACH	Land Environment
419	ENVISAT-AO	KERRIDGE Brian	Rutherford Appleton Laboratory	UK	DEVELOPMENT OF A PROTOTYPE SCHEME TO PRODUCE "VALUE ADDED" HEIGHT-RESOLVED DATA ON ATMOSPHERIC COMPOSITION THROUGH SYNERGISTIC USE OF SCIAMACHY, MIPAS AND AATSR	Atmosphere
423	ENVISAT-AO	MANNINEN Terhikki	Finnish Meteorological Institute, Meteorological research, Ozone and UV radiation research	FINLAND	ENVISAT IN BOREAL FOREST MAPPING AND LAI ESTIMATION (=ENBOR FORMAL)	Renewable Resources
431	ENVISAT-AO	PICHEL William	NOAA/NESDIS E/RA3	USA	OPERATIONAL DEMONSTRATION OF COASTWATCH COASTAL OCEANOGRAPHIC AND HYDROLOGIC APPLICATIONS OF ENVISAT ASAR IMAGERY	Coastal Zones
438	ENVISAT-AO	GARCON Veronique	LEGOS/UMR5566/GR GS	FRANCE	MESOSCALE VARIABILITY IN THE SUBTROPICAL CONVERGENCE ZONES OF THE SOUTH ATLANTIC OCEAN : ITS ROLE ON THE GENERAL CIRCULATION, THE CARBON CYCLE AND THE CLIMATE	Oceanography
439	ENVISAT-AO	FOLVING Sten	SAI, JRC,	ITALY	INVESTIGATION OF MERIS AND AATSR DATA FOR MONITORING THE AREAL EXTENT OF SEVERE FOREST DAMAGE IN EUROPE	Renewable Resources
441	ENVISAT-AO	FRUNEAU Benedicte	Universite de Marne-la-Vallee, IFG	FRANCE	ETUDE DE DEPLACEMENTS DE SURFACE EN CONTEXTE URBAIN PAR INTERFEROMETRIE DIFFERENTIELLE	Hazards
444	ENVISAT-AO	KOBLINSKY Chester	NASA Goddard Space Flight Center	USA	GLOBAL NEAR SURFACE OCEAN CIRCULATION MEASUREMENTS FOR CLIMATE RESEARCH	Oceanography
445	ENVISAT-AO	ALPERS Werner	Univ. of Hamburg, Inst. of Oceanography	GERMANY	USING ENVISAT AND AIRCRAFT DATA FOR ROUTINE MONITORING OF MARINE POLLUTION IN GERMAN COASTAL WATERS	Hazards
448	ENVISAT-AO	KOBLINSKY Chester	NASA Goddard Space Flight Center	USA	AIR-SEA INTERACTION IN THE SOUTHEAST ASIAN SEAS	Oceanography
454	ENVISAT-AO	LAING Andrew	National Inst. of Water & Atmospheric Res. (NIWA)	NEW ZEALAND	COHERENCE IN THE SOUTHWEST PACIFIC BETWEEN REMOTELY-SENSED THERMAL, COLOUR AND SEA-SURFACE HEIGHT SIGNATURES AND THE REFINEMENT OF ESTIMATED OCEAN WAVE CONDITIONS	Oceanography
455	ENVISAT-AO	Lepparanta Matti	Dept.Geophysics, Univ.Helsinki	FINLAND	SNOW AND ICE SEASON IN NORTHERN EUROPE	Oceanography



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457	ENVISAT-AO	LERTLUM Surat	Asian Institute of Technology	THAILAND	VEGETATION CLASSIFICATION AND FOREST MAPPING FROM MULTI-SENSORS / MULTI-TEMPORAL DATASET FOR INDO-CHINA PENINSULA	Renewable Resources
461	ENVISAT-AO	YOUNG Neal	Antarctic CRC	AUSTRALIA	SURFACE CHARACTER AND MICROWAVE PROPERTIES OF THE ANTARCTIC SNOW COVER	Ice
464	ENVISAT-AO	ZECCHETTO Stefano	CNR ISAC - Istituto di Scienze dell'Atmosfera e del Clima	ITALY	MESOSCALE COASTAL METEOROLOGY, ATMOSPHERIC BOUNDARY LAYER PROCESSES AND SEA-RADAR INTERACTION STUDIED USING ENVISAT ASAR IMAGES	Oceanography
470	ENVISAT-AO	PITCHER Grant	Sea Fisheries Research Institute	SOUTH AFRICA	THE REMOTE DETECTION AND MONITORING OF HARMFUL ALGAL BLOOMS IN THE BENGUELA ECOSYSTEM	Coastal Zones
473	ENVISAT-AO	BACH Heike	Vista - Remote Sensing Applications in Geosciences	GERMANY	DEMONSTRATION OF THE INTEGRATION OF ENVISAT PRODUCTS INTO AN OPERATIONAL FLOOD FORECASTING SYSTEM	Hazards
476	ENVISAT-AO	BERRY Philippa A. M.	De Montfort University	UK	LAND SURFACE MONITORING WITH SATELLITE RADAR ALTIMETRY	Topographic Mapping
477	ENVISAT-AO	MAUSER Wolfram	Institute for Geography	GERMANY	SYNERGISTIC USE OF ENVISAT DATA TO MODEL LAND SURFACE PROCESSES	Hydrology
482	ENVISAT-AO	TAALAS Petteri	Finnish Meteorological Institute	FINLAND	USE OF SATELLITE OBSERVATIONS AND MODELS FOR STUDYING THE PROCESSES BEHIND THE OZONE DEPLETION	Atmosphere
483	ENVISAT-AO	Llewellyn Jones David	Space Research Centre, Department of Physics and Astronomy, University of Leicester	UK	THE SYNERGISTIC USE OF SATELLITE DATA IN THE INVESTIGATION OF THE PHYSICAL AND CHEMICAL PROCESSES AFFECTING THE EARTH'S ENVIRONMENT AND GLOBAL CLIMATE	Oceanography
501	ENVISAT-AO	WATTS Philip	Rutherford Appleton Laboratory	UK	CALIBRATION OF AATSR AND MERIS REFLECTANCE MEASUREMENTS USING CLOUD TARGETS	Calibration/ Validation
509	ENVISAT-AO	SANDHOLT Inge	Institute of Geography, University of Copenhagen	DENMARK	EARTH OBSERVATION OF WATER AND VEGETATION STATUS AT THE SURFACE FROM HYDROLOGICAL AND NET PRIMARY PRODUCTION MODELLING WITHIN A SEMI-ARID ENVIRONMENT	Hydrology
511	ENVISAT-AO	GROOM Steve	Centre for Coastal and Marine Sciences	UK	SATELLITE, SHIP AND MODELLING STUDIES OF PHYTOPLANKTON PRIMARY PRODUCTION: PHYSICAL CONTROLS, ECOSYSTEM DYNAMICS, BIOGENIC GAS PRODUCTION AND AIR-SEA GAS EXCHANGE	Oceanography
518	ENVISAT-AO	GAGLIARDINI Domingo Antonio	PRONARP/CONICET	ARGENTINA	INTEGRATED ANALYSIS OF OCEAN-COASTAL-LAND ECOSYSTEMS BY SYNERGETIC USE OF DATA FROM ENVISAT-1 PAYLOAD AND OTHER SOURCES, FOR THE CHARACTERISATION OF ARGENTINE COASTAL REGIONS	Coastal Zones
524	ENVISAT-AO	HESS Laura	University of California	USA	ANALYSIS OF WETLAND VEGETATION AND INUNDATION IN THE AMAZON BASIN WITH ENVISAT: A MULTI-SENSOR APPROACH TO ESTIMATION OF METHANE EMISSIONS	Hydrology
533	ENVISAT-AO	LAVENDER Samantha	School of Earth, Ocean and Environmental Sciences (SEOES)	UK	MONITORING OF THE UK COASTAL ZONE USING FIELD STUDIES, NUMERICAL MODELING AND REMOTE SENSING: THE PREDICTION OF POLLUTANT FLUXES AND ENVIRONMENT VULNERABILITY	Coastal Zones
535	ENVISAT-AO	SIEGEL Herbert	Institut für Ostseeforschung Warnemünde (IOW)	GERMANY	APPLICATION OF ENVISAT-LEVEL 2 PRODUCTS FOR THE INVESTIGATIONS OF PHYTOPLANKTON BLOOMS AND RIVER DISCHARGE IN THE BALTIC SEA AND THE UPWELLING AREA OFF SW-AFRICA	Coastal Zones



ID	Type	PI	Institution	Country	Title	Application Domain
536	ENVISAT-AO	CERVINO Marco	Consiglio Naz. Ricerche, Inst. IMGA	ITALY	THE RADIATIVE ROLE OF CLOUDS, AEROSOL AND WATER VAPOUR: A MULTI-SATELLITE APPROACH	Atmosphere
538	ENVISAT-AO	PRATA Fred	CSIRO Atmospheric Research	AUSTRALIA	RETRIEVAL OF COMPOSITIONAL PROPERTIES OF VOLCANIC ASH CLOUDS USING A COMBINATION OF AATSR AND MERIS RADIANCES	Atmosphere
539	ENVISAT-AO	RUDANT Jean-Paul	IFG, Universite de Marne la Vallee	FRANCE	APPORT DE ENVISAT A LA CONNAISSANCE DES ZONES COTIERES: ASPECTS CARTOGRAPHIQUES ET ENVIRONNEMENTAUX: EXEMPLES EN GUYANE, MAURITANIE, CAMEROUN	Coastal Zones
540	ENVISAT-AO	FISCHER Peter Alfred	Institute for Geo-Technology	GERMANY	MONITORING THE TROPIC STATE OF LARGE FINNISH LAKES BY SYNERGETIC USE OF ENVISAT INSTRUMENTS	Other
542	ENVISAT-AO	SARI Mustafa	Fisheries Department of Agr. Fac. of YY University	TURKEY	DETERMINING OF FISHERIES AND COASTAL MANAGEMENT PLAN BY USING REMOTE SENSING TECHNIQUES IN LAKE VAN, TURKEY	Coastal Zones
547	ENVISAT-AO	VAUGHAN Robin	University of Dundee	UK	MODELLING OF HEAT AND WATER FLUXES OVER EUROPEAN COASTAL REGIONS	Atmosphere
548	ENVISAT-AO	STAMMES Pieter	KNMI	NETHERLANDS	SCIAMACHY VALIDATION AND DATA USAGE: POLARISATION, RADIANCE, CLOUD, AND AEROSOL (SCIAVALUES)	Calibration/Validation
552	ENVISAT-AO	NIGHTINGALE Tim	Rutherford Appleton Laboratory	UK	VALIDATION OF THE AATSR SST AND BT PRODUCTS AGAINST IN-SITU MEASUREMENTS BY THE SISTER, ISAR AND OTHER INFRARED RADIOMETERS	Calibration/Validation
553	ENVISAT-AO	Zilioli Eugenio	CNR-IREA Istituto per il Rilevamento Elettromagnetico dell'Ambiente	ITALY	MONITORING EUROPEAN LAKES BY MEANS OF AN INTEGRATED EARTH OBSERVATION SYSTEM (MELINOS)	Land Environment
558	ENVISAT-AO	OTTLE Catherine	CETP/CNRS	FRANCE	ASSIMILATION OF MULTISPECTRAL DATA IN SVAT MODELISATIONS	Land Environment
565	ENVISAT-AO	LAMBIN Eric	Laboratoire de Teledetection	BELGIUM	REMOTE SENSING FOR THE DETECTION OF DEGRADED FORESTS USING IMPROVED SPECTRAL RESOLUTION AND SIMULTANEOUS MULTI-SCALE DATA FROM ENVISAT	Land Environment
571	ENVISAT-AO	SYLOS LABINI Giovanni	Planetek Italia s.r.l	ITALY	AATSR AND MERIS DATA FOR BLUEFIN TUNA MIGRATION MONITORING. EVALUATION OF ERS MISSION DATA CONTINUITY	Oceanography
573	ENVISAT-AO	GRAFAREND Erik W.	Geodetic Institute of Univ. Stuttgart	GERMANY	THE ANALYSIS OF ALTIMETRIC SEA SURFACE HEIGHTS FOR GEODETIC AND OCEANOGRAPHIC PURPOSES	Geodesy
574	ENVISAT-AO	HELLWICH Olaf	Technische Universitaet Muenchen	GERMANY	MONITORING GLACIER FLOW IN EUROPEAN HIGH ARCTIC AND ALPS WITH SCANSAR INTERFEROMETRY	Ice
582	ENVISAT-AO	VOLKOV Alexey	Scientific and Research Center for Nature Resource	RUSSIAN FEDERATION	ELABORATION OF AN EXPERIMENTAL SUBSYSTEM FOR VEGETATION MONITORING ON THE EUROPEAN TERRITORY OF RUSSIA	Renewable Resources
584	ENVISAT-AO	DOUSSET Benedicte	Hawaii Institute of Geophysics and Planetology	USA	URBAN ATMOSPHERIC AND SURFACE PROPERTIES: SYNERGETIC OBSERVATION FROM ENVISAT-1 SENSORS	Land Environment
586	ENVISAT-AO	BRICAUD Annick	LPCM (CNRS and Univ. P. et M. Curie)	FRANCE	SYNERGISTIC USE OF OCEAN COLOUR, SST, AND OTHER PHYSICAL PARAMETERS FOR A STUDY OF TOTAL AND NEW PRIMARY PRODUCTION IN VARIOUS TROPIC REGIMES	Oceanography
590	ENVISAT-AO	MINNETT Peter	University of Miami	USA	RADIOMETRIC VALIDATION OF THE ADVANCED ALONG-TRACK SCANNING RADIOMETER OVER THE OCEAN AND LAND	Calibration/Validation
593	ENVISAT-AO	STAMMER Detlef B.	Institut fuer Meereskunde Zentrum fuer Meeres- und Klimaforschung Universitaet Hamburg	GERMANY	ESTIMATING THE OCEAN FLOW FIELD FROM A COMBINATION OF IN-SITU AND REMOTE SENSING DATA WITH AN OGCM	Oceanography



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595	ENVISAT-AO	PARSLOW John	CSIRO Marine Research	AUSTRALIA	VALIDATION, DEVELOPMENT, AND APPLICATION OF OCEAN COLOUR ALGORITHMS IN AUSTRALIAN COASTAL WATERS	Calibration/Validation
602	ENVISAT-AO	MULLER-KARGER Frank	University of South Florida / Dpt. Marine Science	USA	CARBON RETENTION IN A COLORED OCEAN (CARIACO): ASSESSMENT OF PRODUCTIVITY OF GLOBAL OCEAN MARGINS	Oceanography
607	ENVISAT-AO	HULYA Yildirim	Marmara Research Center (MRC)	TURKEY	FLOOD MONITORING IN TURKEY BY ENVISAT DATA	Hazards
609	ENVISAT-AO	SORENSEN Kai	Norwegian Institute for Water Research	NORWAY	VALIDATION AND DEMONSTRATION OF MERIS DATA FOR LONG TERM MONITORING OF WATER QUALITY	Calibration/Validation
613	ENVISAT-AO	SANTISTEBAN PEREZ Cesar Ricardo	Geomap digital S.A.	PERU	MONITORING MARINE POLLUTION ON PERUVIAN COAST USING REMOTE SENSING TECHNOLOGIES	Coastal Zones
617	ENVISAT-AO	COLEMAN Richard	University of Tasmania	AUSTRALIA	AIR-SEA HEAT FLUXES FROM MULTI SENSOR OBSERVATIONS IN THE SOUTHERN OCEAN	Oceanography
622	ENVISAT-AO	MITCHELSON-JA COB Gay	Unit for Coastal & Estuarine Studies	UK	THE DETECTION AND IDENTIFICATION OF SEA SURFACE SLICKS IN COASTAL WATERS	Coastal Zones
623	ENVISAT-AO	TORRES PALENZUELA Jesus	Dep. Fisica Aplicada, Fac. de Ciencias, Universidad de Vigo	SPAIN	DETECTION/TRACKING OF CHANGING SHORELINES, OIL SLICKS FROM VESSELS AND SUSPENDED MATTER IN SEA WATER	Coastal Zones
626	ENVISAT-AO	BAHUREL Pierre	MERCATOR Project Leader LEGOS	FRANCE	MERCATOR	Oceanography
630	ENVISAT-AO	SANTER Richard	Universite du Littoral - LISE	FRANCE	ESTIMATION OF PRIMARY PRODUCTIVITY AT REGIONAL SCALE IN COASTAL WATERS FROM OCEAN COLOR DATA	Coastal Zones
632	ENVISAT-AO	CIOTTI Piero	Dpt. of Electrical Eng., University of L'Aquila	ITALY	METHODS USING ASAR-DATA FOR HIGH ACCURATE MONITORING OF AGRICULTURAL LAND USE	Calibration/Validation
635	ENVISAT-AO	ALEXANDROV Vitaly	Nansen International Environmental and RS Center	RUSSIAN FEDERATION	ENVIRONMENTAL POLLUTION MONITORING OVER THE OIL AND GAS EXPLOITATION REGIONS (NORTHERN PARTS OF RUSSIA) USING ENVISAT DATA	Land Environment
642	ENVISAT-AO	LIEW Soo Chin	CRISP, National University of Singapore	SINGAPORE	MONITORING OF LAND/FOREST FIRES AND THE ASSOCIATED SMOKE HAZE IN SOUTH EAST ASIA USING ADVANCED ALONG TRACK SCANNING RADIOMETER (AATSR)	Hazards
647	ENVISAT-AO	DOERFFER Roland	GKSS Forschungszentrum	GERMANY	VALIDATION OF MERIS LEVEL 2 PRODUCTS UNDER A REGIONAL POINT OF VIEW	Calibration/Validation
650	ENVISAT-AO	Caramizoiu Alexandra	OPTOELECTRONICA 2001 S.A	ROMANIA	COMPLEX RESEARCH FOR AN INTEGRATED AERO-SATELLITE REMOTE SENSING SYSTEM DEDICATED TO ENVIRONMENTAL MONITORING- STUDY ZONE: BLACK SEA COASTAL PLATFORM AND DANUBE DELTA	Coastal Zones
656	ENVISAT-AO	KWARTENG Andy Yaw	Remote Sensing and GIS Center, Sultan Qaboos University	OMAN	BIOPHYSICAL CHARACTERIZATION OF THE ARABIAN GULF USING ENVISAT DATA	Calibration/Validation
671	ENVISAT-AO	FLUEGEL Wolfgang-Albert	Friedrich-Schiller-Universität Jena, Geography	GERMANY	ENVISAT data as a tool for reduction, management and monitoring of flood related disasters	Hazards
673	ENVISAT-AO	MASSOM Robert	Antarctic Cooperative Research Centre	AUSTRALIA	A STUDY OF TWO EAST ANTARCTIC POLYNYAS AND SURROUNDING SEA ICE USING ENVISAT, ERS AND IN SITU DATA	Oceanography
683	ENVISAT-AO	VILLANOY Cesar	Marine science Institute	PHILIPPINES	THE DERIVATION AND SIMULATION OF SPECTRAL RADIANCE CURVES IN THE PHILIPPINE SEAS APPLICABLE TO THE MEDIUM RESOLUTION IMAGING SPECTROMETER (MERIS)	Calibration/Validation
688	ENVISAT-AO	HOEPFFNER Nicolas	Space Applications Institute, JRC	ITALY	SATELLITE OBSERVATION OF COASTAL PRODUCTIVITY: IMPACT FROM ANTHROPOGENIC EUTROPHICATION PROCESSES	Coastal Zones



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691	ENVISAT-AO	DRAGO Teresa	Inst. de Inv. das Pescas e do Mar (IPIMAR /DAA)	PORTUGAL	VARIATION OF SUSPENDED PARTICULATE MATTER IN THE ADJOINING AREAS TO THE DOURO AND TAGUS ESTUARIES AT DIFFERENT TIMES SCALES	Coastal Zones
694	ENVISAT-AO	LABITZKE Karin	Institut fuer Meteorologie FU Berlin	GERMANY	METEOROLOGY FOR VALIDATION (METVAL)	Calibration/ Validation
696	ENVISAT-AO	PETERS Steef	Institute for Environmental Studies	NETHERLANDS	HYDRO-MERS: HYDROLOGICAL MONITORING AND MANAGEMENT OF DROUGHT SENSITIVE REGIONS USING MEDIUM RESOLUTION REMOTE SENSING	Renewable Resources
699	ENVISAT-AO	BAMBER Jonathan	Centre for Remote Sensing, University of Bristol	UK	MULTI-SENSOR/SATELLITE STUDIES OF POLAR CLIMATOLOGY AND GLACIOLOGY	Ice
706	ENVISAT-AO	PLATT Ulrich	Institut fuer Umweltphysik, Univerity Heidelberg	GERMANY	INVESTIGATION OF THE TROPOSPHERIC HALOGEN CHEMISTRY	Atmosphere
711	ENVISAT-AO	GUO Huadong	Institute of Remote Sensing Applications,CAS	CHINA	GEOSCIENCE STUDY AND ENVIRONMENT MONITORING USING ENVISAT ASAR AND OTHER SENSOR DATA IN CHINA	Hazards
717	ENVISAT-AO	KAYHKO Jukka	University of Turku	FINLAND	ENVIRONMENTAL DYNAMICS IN WESTERN AMAZONIAN LOWLANDS: LARGE-SCALE INUNDATION PATTERN AND EVALUATION OF ITS GLOBAL IMPACT	Hazards
719	ENVISAT-AO	LACAZE Bernard	CNRS - CRENAM Univ. J. Monnet	FRANCE	LAND-COVER MAPPING AND VEGETATION ABUNDANCE MONITORING IN MEDITERRANEAN AREAS (LAVATERA PROJECT)	Renewable Resources
734	ENVISAT-AO	KHOMENKO Gueorgui	Universite du Littoral Cote d'Opale	FRANCE	COMPARATIVE STUDY OF ECOSYSTEMS OF THE NORTH SEA AND THE BLACK SEA	Oceanography
741	ENVISAT-AO	HOLT Benjamin	JPL 300-323	USA	AN INVESTIGATION OF PLUMES, BLOOMS, AND SMALL-SCALE COASTAL PROCESSES OFF CALIFORNIA	Coastal Zones
745	ENVISAT-AO	YOUNG Neal	Antarctic CRC & Australian Antarctic Division	AUSTRALIA	ANTARCTIC ICEBERG PRODUCTION, DISPERSION, AND DISSOLUTION RATES	Ice
746	ENVISAT-AO	BRIOLE Pierre	IPGP - Obs.Volcanologiq ues	FRANCE	SURVEILLANCE DES VOLCANS FRANCAIS (PITON DE LA FOURNAISE - SOUFRIERE) PAR INTERFEROMETRIE ASAR. COUPLAGE AVEC LES DONNEES MERIS ET UTILISATION CONJOINTE DE DONNEES AATSR. RECOMMANDATION POUR DE FUTURES MISSIONS DEDIEES	Hazards
751	ENVISAT-AO	WANG Chao	Inst. of Remote Sensing Appli., CAS	CHINA	MONITORING REGIONAL LAND SURFACE PROCESS WITH SYNERGETIC USE OF ENVISAT MICROWAVE DATA	Renewable Resources
761	ENVISAT-AO	DONLON Craig	Climate Research, Met Office	UK	A SYNERGISTIC APPROACH TO IMPROVING SATELLITE SEA SURFACE SKIN TEMPERATURE MEASUREMENTS	Oceanography
763	ENVISAT-AO	LEGRAS Bernard	Laboratoire de Meteorologie Dynamique	FRANCE	DYNAMICS OF TRACERS IN THE STRATOSPHERE, TRANSPORT AND MIXING	Atmosphere
764	ENVISAT-AO	CHEN Kun-Shan	National Central University	TAIWAN, PROVINCE OF CHINA	STUDY OF SEASONAL VARIABILITY OF OCEANIC AND ATMOSPHERIC PROCESSES IN TAIWAN AREA	Methods
768	ENVISAT-AO	DENIS Gil	MATRA SYSTEMS & INFORMATION	FRANCE	SEAS-ENVISAT DE L'ENVIRONNEMENT ASSISTEE PAR LE SATELLITE ENVISAT - SURVEY OF ENVIRONMENT ASSISTED BY SATELLITE ENVISAT	Oceanography
775	ENVISAT-AO	EKLUNDH Lars	Dep. of Physical Geography, University of Lund	SWEDEN	EXTRACTION OF BIOPHYSICAL VARIABLES FOR LAND SURFACE MODELLING USING EARTH OBSERVATION DATA	Land Environment



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784	ENVISAT-AO	KHOMENKO Gueorgui	Universite du Littoral Cote d'Opale	FRANCE	STUDY OF SPACE DISTRIBUTION OF SEA CURRENTS AND ANTHROPOGENIC POLLUTION BY MEANS OF ANALYSIS OF MERIS, AATSR, ASAR AND RA-2 DATA	Coastal Zones
785	ENVISAT-AO	Malnes Eirik	NORUT Information Technology Ltd	NORWAY	SNOW PARAMETER MAPPING USING ENVISAT DATA	Hydrology
787	ENVISAT-AO	KHAWLIE Mohamad	National Center for Remote Sensing	LEBANON	MODELING CONTROL MECHANISMS OF CLIMATE-LAND INTERACTIONS FOR ENVIRONMENTAL CONSERVATION IN THE EASTERN MEDITERRANEAN INTERMONTAINE REGION	Land Environment
790	ENVISAT-AO	SOLBERG Rune	Norwegian Comuting Center	NORWAY	ENVIRONMENTAL MONITORING OF LAND AREAS BY IMAGING SPECTROMETRY	Renewable Resources
792	ENVISAT-AO	FISCHER Jurgen	Institut fur Weltraumwissenschafte	GERMANY	CALIBRATION AND VALIDATION OF MERIS'S CLOUD TOP PRESSURE RETRIEVAL	Calibration/Validation
797	ENVISAT-AO	MOON Wooil M	Seoul National University	KOREA, REPUBLIC OF	INTEGRATED PHYSICAL OCEANOGRAPHIC INVESTIGATION OF THE EAST SEA (JAPAN SEA)	Oceanography
801	ENVISAT-AO	ZWALLY Jay H.	NASA Goddard Space Flight Center	USA	EVALUATION OF ELEVATION CHANGES IN THE POLAR ICE SHEETS AND ASSOCIATION WITH CLIMATE CHANGE	Ice
812	ENVISAT-AO	SU Zhongbo	Alterra Green World Research (ALterra)	NETHERLANDS	EVALUATION OF ALGORITHMS TO ESTIMATE ACTUAL EVAPORATION OF LAND SURFACES WITH AATSR AND MERIS OBSERVATIONS	Land Environment
813	ENVISAT-AO	JOHANNESSEN Johnny	Nansen Environmental and Remote Sensing Center	NORWAY	COASTWATCH II: SYNERGETIC STUDIES OF THE NORWEGIAN COASTAL WATERS USING ASAR, MERIS AND AATSR DATA	Calibration/Validation
821	ENVISAT-AO	NAEJE Marc	Delft Institute for Earth-Oriented Space Research	NETHERLANDS	EXTENSION OF THE RADAR ALTIMETER DATABASE SYSTEM (RADS) FOR PHYSICAL OCEANOGRAPHY AND GRAVITY STUDIES	Oceanography
822	ENVISAT-AO	KAMOUN Laurent	aerospatiale satellites	FRANCE	OPERATIONAL USE OF ENVISAT PRODUCTS FOR COASTAL ZONE MANAGEMENT	Coastal Zones
827	ENVISAT-AO	HALLIKAINEN Martti	Helsinki University of Technology	FINLAND	RETRIEVAL OF BOREAL FOREST AND SURFACE CHARACTERISTICS FROM ENVISAT MULTISENSOR DATA	Renewable Resources
829	ENVISAT-AO	CAVAYAS Francois	Universite de Montreal	CANADA	MULTI-SENSOR AND MULTI-RESOLUTION SPACEBORNE REMOTE SENSING DATA AS INPUTS TO A GEOGRAPHIC INFORMATION SYSTEM FOR THE MANAGEMENT OF INSULAR AND COASTAL ENVIRONNEMENTS	Coastal Zones
836	ENVISAT-AO	TAPLEY Byron	Center for Space Research	USA	DATA VALIDATION, OCEANIC CIRCULATION, MESOSCALE VARIABILITY AND ORBIT DETERMINATION FOR THE ENVISAT RADAR ALTIMETER	Oceanography
850	ENVISAT-AO	HOCKEY Burn J.	University of Canterbury	NEW ZEALAND	SYNERGISTIC APPROACHES TO SURFACE CHANGE MEASUREMENT, CANTERBURY, NEW ZEALAND	Renewable Resources
853	ENVISAT-AO	MULLER Jan-Peter	University College London	UK	HAZARDMAP - ASSESSMENT OF THE POTENTIAL OF ENVISAT FOR THE GLOBAL MONITORING OF NATURAL HAZARDS USING SYNERGISTIC FUSION OF DATA PRODUCTS FROM ASAR, AATSR AND MERIS	Hazards
861	ENVISAT-AO	FISCHER Jurgen	Freie Universitat Berlin	GERMANY	VALIDATION OF MERIS LEVEL 2 PRODUCTS CLOUD OPTICAL THICKNESS AND CLOUD ALBEDO	Calibration/Validation
862	ENVISAT-AO	DJINIDI Salim	Universite de Liege	BELGIUM	DETERMINATION D'UN SITE POUR L'IMPLANTATION D'UN EMISSAIRE MARIN LONG PAR LA TELEDETECTION AEROSPATIALE	Coastal Zones



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864	ENVISAT-AO	NORTH Peter	Environmental Modelling and Earth Observation (EMEO) Group, Department of Geography, Un. of Wales	UK	VALIDATION OF AATSR ALGORITHMS FOR RETRIEVAL OF AEROSOL OPACITY AND LAND SURFACE BIDIRECTIONAL REFLECTANCE AND POTENTIAL SYNERGY WITH MERIS	Calibration/Validation
873	ENVISAT-AO	FOUNTAIN Andrew	Department of Geology	USA	ASAR IMAGING OF POLAR GLACIERS	Hydrology
877	ENVISAT-AO	BASU Sujit	Oceanic Sciences Division, Space Applications Centre	INDIA	ASSIMILATION OF ENVISAT AND OCEANSAT-I DATA IN SEA STATE FORECAST MODELS	Oceanography
880	ENVISAT-AO	HILARIO Flaviana	PAGASA	PHILIPPINES	VEGETATION AND SOIL MOISTURE MAPPING USING ENVISAT'S AATSR AND ASAR DATA	Renewable Resources
1066	Category-1	STEFANUTTI Leopoldo	IROE-CNR	ITALY	Geophysical validation of level-2 aerosol products of MIPAS, GOMOS, MERIS, AASTR and SCIAMACHY by dedicated campaigns of the high-altitude aircraft M-55 Geophysica	Calibration/Validation
1087	Category-1	ROGER Saunders	Met Office (UK)	UK	SST observations from AATSR for operational NWP and climate research	Calibration/Validation
1099	Category-1	COSTA Maria Joao	Departamento de Física, Universidade de Évora, Colégio Luis Verney	PORTUGAL	Tropospheric aerosol characterisation from ERS/ENVISAT sensors	Atmosphere
1107	Category-1	NIEKE Jens	NASDA EORC	JAPAN	Inter-calibration of MERIS and GLI using selected ocean and snow ground sites	Calibration/Validation
1139	Category-1	CSORNAI Gábor	FÖMI Remote Sensing Centre	HUNGARY	Application development for the utilisation of ENVISAT data in regional, remote sensing based flood/waterlog and drought/crop monitoring (2000-2002)	Other
1145	Category-1	STEVENS Nicola	Inst. of Geological and Nuclear Sciences	NEW ZEALAND	Measurements of urban slope instability in Dunedin, New Zealand, from orbital differential radar interferometry	Hazards
1201	Category-1	TAMPELLINI Lucia	Carlo Gavazzi Space	ITALY	GLASNOWMAP : GLAciers and SNOW MAPping Information Service (ESA-DUP phase II project)	Hydrology
1204	Category-1	KERRIDGE Brian	Rutherford Appleton Laboratory	UK	Intercomparison of MIPAS and SCIAMACHY(-nadir) L1B and L2 Products with Correlative Data	Calibration/Validation
1240	Category-1	REGNER Peter	EAS/ESRIN	ITALY	Testing of MERIS/AATSR Toolbox with real Envisat and ERS data.	Other
1241	CRYOSAT-CALVAL	HAAS Christian	Alfred Wegener Institute	GERMANY	Validation of CryoSat sea ice thickness, freeboard, and sea surface height retrievals	Sea-Ice
1256	Category-1	GRUBER Thomas	Institut für Astronomische und Physikalische Geodäsie	GERMANY	Oceanic and Atmospheric Gravity Field Variations from ENVISAT as Support for the GOCE Gravity Field Data Processing (ENVI-GOCE)	Geodesy
1265	CRYOSAT-CALVAL	MASSOM Robert	Antarctic Cooperative Research Centre	AUSTRALIA	The Validation of CryoSat Sea Ice Thickness Measurements in Antarctica	Calibration/Validation
1266	CRYOSAT-CALVAL	LAXON Seymour	Centre for Polar Observation and Modelling, University College London	UK	Sea ice thickness retrieval from Cryosat	Calibration/Validation
1286	CRYOSAT-AO	STAMMER Detlef	Institut fuer Meereskunde	GERMANY	Observing the Hydrological Cycle of the European North Sea using Cryosat	Sea-Ice
1303	Category-1	FERNANDES Joana	Faculty of Science, University of Porto	PORTUGAL	Study of the Portuguese Oceanic Coastal zone Using remote Sensing data (POCUS)	Coastal Zones
1312	Category-1	ENGR.RAHMATULLAH JILANI, MANAGER Rahmatullah	Pakistan Space And Upper Atmosphere Research Commission (SUPARCO)	PAKISTAN	NATURAL HAZARDS MONITORING IN PAKISTAN	Hazards
1329	Category-1	DONLON Craig	Climate Research, Met Office	UK	GODAE High Resolution Sea Surface Temperature Pilot Project (GHR SST-PP)	Oceanography
1331	Category-1	PLUMMER Stephen	IGBP-ESA	ITALY	GLOBCARBON Expert Support Laboratory	Land Environment
1336	Category-1	RODRIGUEZ BENITO Cristina	Technological Institute of Salmonfish (INTESAL)	CHILE	Ocean colour observations in the South of Chile using MERIS data. Contribution to monitor phytoplankton blooms	Coastal Zones
1341	Category-1	RANERA Franck	SERCO/ESA	ITALY	DUP Projects Preparation: Feasibilities Studies	Methods



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1357	Category-1 LBR	ERBERTSEDER Thilo	DLR - German Aerospace Center	GERMANY	EVIVA - ENVISAT Value Adding for Continuous Monitoring of Atmospheric Trace Gases and Aerosols	Atmosphere
1375	Category-1	LANKESTER Thomas	Infoterra Ltd.	UK	High Level Information Product Generation (HiProGen)	Methods
1376	Category-1	LAHOZ William	DARC	UK	ASSimilation of Envisat daTa (ASSET)	Atmosphere
1398	Category-1	SANTER Richard	Université du Littoral	FRANCE	Ocean Colour and Temperature for the SISCAL project	Coastal Zones
1407	Category-1	FIERENS Freddy	Vito / TAP	BELGIUM	GLOBCARBON	Land Environment
1424	Category-1	VAN DER A Ronald	KNMI	NETHERLANDS	Tropospheric Emission Monitoring Internet Service (TEMIS), (part of the Data User Programme)	Atmosphere
1478	Category-1	COLLARD fabrice	BOOST Technologies	FRANCE	Oceanic front detection using ASAR wide swath for sustainable fisheries monitoring	Oceanography
1481	Category-1	GRAINGER Roy	University of Oxford	UK	Short Term Variability in Aerosol & Cloud Properties	Atmosphere
1488	Category-1	CELA Jorge	INDRA Espacio	SPAIN	HIPROGEX: High level Information Product Generation and Formatting for Specific Applications Extension. Request for ENVISAT MERIS and AATSR L2 Products to generate L3 maps in the frame of this project.	Atmosphere
1490	AO for Greece	VARDAVAS Ilias	Foundation for Research and Technology - Hellas (FORTH)	GREECE	Use of ENVISAT Data to Derive the European Radiation Budget	Atmosphere
1492	AO for WMO	CHIRA Jorge	Servicio Nacional de Meteorologia e Hidrologia	PERU	Application of satellite data for weather forecast improvement and the study of the local atmospheric circulation	Atmosphere
1495	AO for Greece	SIFAKIS Nicolaos	Institute for Space Applications & Remote Sensing, National Observatory of Athens	GREECE	USE OF ENVISAT DATA FOR VALIDATING AEROSOL RETRIEVALS BY HIGH SPATIAL RESOLUTION SATELLITES IN SUPPORT OF THE ICAROS-NET IST PROJECT	Calibration/ Validation
1503	Category-1	ROSA Lasaponara	Consiglio Nazionale delle Ricerche - Istituto di Metodologie di Analisi Ambientale CNR-IMAA	ITALY	Fire susceptibility estimation in the Mediterranean ecosystems by using AATSR, MODIS, VEGETATION, AVHRR, data	Hazards
1509	AO for WMO	GRUEN Armin	ETH - Institute of Geodesy and Photogrammetry	SWITZERLAND	Retrieval of cloud and snow products from European polar-orbiting sensors for operational MeteoSwiss NWP model.	Atmosphere
1522	AO for WMO	REDELSPERGER Jean-Luc	Meteo-France	FRANCE	Use of ENVISAT data for monitoring the ocean, land surface and atmosphere over several years over West Africa in the framework of the AMMA (African Monsoon Multi-disciplinary Analysis) project	Atmosphere
1534	AO for WMO	ZILLMAN John	Commonwealth Bureau of Meteorology	AUSTRALIA	Operational validation and use of near real time AATSR SSTs in Australia's national weather service.	Oceanography
1537	AO for WMO	PYLKKÖ Pirkko	Finnish Meteorological Institute	FINLAND	Complementing AVHRR, SEVIRI and MODIS data with MERIS, ASAR and AATSR in mesoanalysis for Nowcasting	Atmosphere
1544	AO for WMO	LIU jian	National Satellite Meteorological Center	CHINA	Environment and climate research in Tibetan Plateau using satellite data	Land Environment
1548	AO for WMO	SCHMECHTIG Catherine	LISA (CNRS)	FRANCE	Validation of a regional model of dust aerosols cycle	Atmosphere
1549	AO for WMO	MARTICORENA Béatrice	Laboratoire Interuniversitaire des Systèmes Atmosphériques (LISA)	FRANCE	Simulation of the mineral dust emission from the Chinese deserts : mapping of the surface roughness and validation	Atmosphere
2306	Category-1	Le Gall Frederic	ESRIN/ESA	ITALY	Envisat/ERS Data for internal communication activities	Other
2326	Category-1	Sadly Muhamad Sadly	The Agency for the Assessment and Application of Technology (BPPT), Indonesia	INDONESIA	ASSESSMENT OF ENVISAT DATA FOR NATURAL RESOURCES SUSTAINABILITY IN INDONESIA	Coastal Zones
2334	Category-1	d'Ozouville Noémie	European Space Agency - ESRIN	ITALY	DEM generation and photo-interpretation on the Galapagos Islands as part of a pluridisciplinary approach to study water circulation in a basaltic insular environment.	Hydrology
2336	AO for Portugal	Dias Miguel	Associação para o Desenvolvimento das Telecomunicações e Técnicas de Informática	PORTUGAL	HICOD2000 - High-performance Coding, Protection and Trading of Satellite Images, using JPEG2000	Methods



ID	Type	PI	Institution	Country	Title	Application Domain
2339	Category-1	ARINO Olivier	European Space Agency	ITALY	AATSR World Fire Atlas	Atmosphere
2359	Category-1	Siegel Herbert	Institut für Ostseeforschung Warnemünde, (Baltic Sea Research Institute)	GERMANY	Remote sensing investigations of coastal processes in south-west Indonesian waters and their influence on coastal environment and management	Oceanography
2363	Category-1	SANDVEN Stein	Nansen Environmental and Remote Sensing Center.	NORWAY	Sea ice monitoring using ENVISAT data under the ICEMON GMES project	Sea-Ice
2386	AO for Portugal	Ambar Isabel	Instituto de Oceanografia	PORTUGAL	Remote detection of Mediterranean Water eddies in the Northeast Atlantic (RENA)	Oceanography
2387	Category-1	Poulsen Caroline	Rutherford appleton Laboratory	UK	Calibration and Validation of AATSR cloud products	Atmosphere
2395	AO for Portugal	Oliveira Paulo	Instituto Nacional de Investigação Agrária e das Pescas	PORTUGAL	Application of satellite data to the interdisciplinary study of processes in upwelling shadow regions off Portugal	Oceanography
2401	Category-1	DEROIN Jean-Paul	Université de Bordeaux 3	FRANCE	Survey of the snow and ice seasonal changes. Application to the Tibetan plateau using ENVISAT and MODIS data.	Land Environment
2415	Category-1	Bouvet Marc	European Space Agency	NETHERLANDS	Sensor (MERIS-AATSR-ATSR-2-SeaWiFS- MODIS) inter-calibration over designated targets	Calibration/ Validation
2419	Category-1	MERCHANT CHRIS	UNIVERSITY OF EDINBURGH	UK	Reflectance signatures of sea ice melt ponds	Sea-Ice
2423	AO for Portugal	da Silva Jose	Instituto de Oceanografia (Institute of Oceanography), University of Lisbon.	PORTUGAL	A Multi-sensor Analysis & Interpretation System for the Coastal Zone Remote Sensing (AMAZING).	Coastal Zones
2431	AO for Portugal	Pina Pedro	Instituto Superior Técnico	PORTUGAL	Integration of MERIS and AATSR data with numerical modeling and in situ data on the development of a management system to access the eutrophication problem on Tagus estuary and Ria Formosa in Portugal	Coastal Zones
2440	AO for Portugal	Martins Ana	Centro do IMAR da Universidade dos Açores	PORTUGAL	Ocean Dynamics and related Productivity of the Northeast Subtropical Atlantic Near the Azores region using ENVISAT, ERS, SeaWiFS, NOAA, and in situ data (OPALINA)	Oceanography
2444	CSA	Bluteau Jocelyn	Tecsult	CANADA	Adaptation opérationnelle d'applications de télédétection, optique et radar, pour la protection des forêts contre le feu	Hazards
2457	AO for Turkey	Kose Ercan	Karadeniz Technical University, Marine Ecological Research Center	TURKEY	Monitoring Interactions between River Discharges and Phytoplankton Biomass by Using Satellite Imagery in the South Eastern Black Sea Region	Oceanography
2492	AO for Turkey	Ozsoy Emin	Institute of Marine Science, Middle East Technical University	TURKEY	THE USE OF SATELLITE MEASUREMENTS FOR VERIFICATION AND IMPROVEMENT OF REGIONAL ATMOSPHERE / OCEAN MODELS IN THE EURO-ASIAN REGION	Atmosphere
2493	Category-1	Aben Ilse	National Institute for Space Research	NETHERLANDS	Retrieval of trace gas profiles, columns, and aerosol and cloud information from satellite measurements of GOME and SCIAMACHY.	Atmosphere
2519	Category-1	DAGO Pierre	Alcatel Space	FRANCE	EO data for ROSES	Oceanography
2531	Dragon	CASANOVA JOSE-LUIS	GENERAL FOUNDATION OF THE UNIVERSITY OF VALLADOLID	SPAIN	FOREST FIRE MONITORING DEMONSTRATION BY SATELLITE REMOTE SENSING IN CHINA	Hazards
2541	Category-1	Pellegrini Pier Franco	Dipartimento di Elettronica e Telecomunicazioni, Università di Firenze	ITALY	Validation of the Meris Data Products on the Tuscany Sea	Calibration/ Validation
2560	Category-1	Poulsen Caroline	Rutherford Appleton Laboratory	UK	Validation of MSG Cloud top height using AATSR data	Atmosphere
2564	Category-1	Mannstein Hermann	Deutsches Zentrum für Luft- und Raumfahrt e.V., Oberpfaffenhofen	GERMANY	Data User Element Project: CONTRAILS	Atmosphere
2566	Dragon	He Ming-Xia	Ocean Remote Sensing Institute, Ocean University of China	CHINA	Oceanography from Space--Internal Wave, Ocean Wave, Shallow Water Topography, Ocean Color, Kuroshio Current	Oceanography
2580	Dragon	Kelder Hennie	Royal Netherlands Meteorological Institute	NETHERLANDS	Air Quality Monitoring and Forecasting in China	Atmosphere



ID	Type	PI	Institution	Country	Title	Application Domain
2586	Category-1 LBR	Chapron Bertrand	Institut Francais de Recherche et Exploitation de la MER	FRANCE	Sequential and combined use of MODIS data	Oceanography
2608	Dragon	Su Bob	Wageningen University & Research Centre, Alterra Green World Research	NETHERLANDS	DROUGHT MONITORING AND PREDICTION OVER CHINA	Land Environment
2615	Dragon	Johannessen Johnny	Nansen Environmental And Remote Sensing Center	NORWAY	Coupling and variability of the Southeast Asian Monsoon and Ocean Systems (SAMOS)	Hydrology
2651	Category-1	Gómez Celestino	gmv	SPAIN	Data User Element GlobAER - Global Aerosol Monitoring	Atmosphere
2681	Category-1	Santoleri Rosalia	Istituto di Scienze dell'Atmosfera e del Clima - Consiglio Nazionale delle Ricerche	ITALY	Production of merged multi-sensor SST and Ocean Colour products for operational oceanography in the Mediterranean Sea based on grid and an e-collaboration infrastructure	Oceanography
2682	Category-1	Arino Olivier	European Space Agency	ITALY	GLOBCOVER: Testing algorithms for global land cover determination using MERIS FR, AATSR and ASAR WSM	Land Environment
2758	Category-1	Thomas Gareth	Atmospheric, Oceanic and Planetary Physics, University of Oxford	UK	Near real time aerosol properties from AATSR for ADRIEX	Atmosphere
2775	Bear AO	Byfield Valborg	Southampton Oceanography Centre, University of Southampton	UK	Detection and characterisation of organic pollution in the coastal environment (DeCOP): Synergistic techniques for remote sensing of oil slicks from wastewater discharges, pipe-line seeps, marine traffic, tanker and off-shore operations	Hazards
2780	Bear AO	Sandven Stein	Nansen Environmental and Remote Sensing Center	NORWAY	Marine oil spill control: SAR monitoring and model prediction (OSCSAR)	Oceanography
2781	Category-1	Williams Robert	Directed Technologies, Inc.	USA	Remote Sensing of Novel Earthquake Precursors and Subsurface Oceanographic Phenomena (NEPSOP)	Geology
2786	Category-1	Le Gall Frederic	ESA	ITALY	LineUp : Up above the clouds	Other
2808	Category-1	GARCIA-SOTO Carlos	Spanish Institute of Oceanography	SPAIN	Timing and structure of the Spring Phytoplankton Bloom in the Bay of Biscay (NE Atlantic): Remote Sensing (Envisat MERIS) and Ship measurements.	Oceanography
2840	Category-1 LBR	D'Ortenzio Fabrizio	Laboratoire d'Océanographie de Villefranche	FRANCE	Mediterranean CO2 fluxes evaluation	Oceanography



APPENDIX A: LIST OF ACRONYMS

AATSR	Advanced Along-Track Scanning Radiometer
(A)ATSR	All three ATSR instruments
AEB	(A)ATSR Exploitation Board
AEP	(A)ATSR Exploitation Plan
AO	Announcement of Opportunity
ATSR	Along-Track Scanning Radiometer
ATSR-1	The ATSR instrument on the ERS-1 satellite
ATSR-2	The ATSR instrument on the ERS-2 satellite
DUP	Data User Programme
ECMWF	European Centre for Medium Range Weather Forecasting
Envisat	Environmental Satellite
ERS	Earth Remote Sensing satellite
ESA	European Space Agency
ESRIN	European Space Research Institute
GHRSSST-PP	GODAE High Resolution SST Pilot Project
GMES	Global Monitoring of the Environment and Security
GODAE	Global Ocean Data Assimilation Experiment
L2P	[GHRSSST-PP] Level 2 Products
LAI	Leaf Area Index
NWP	Numerical Weather Prediction
PI	Principal Investigator
SEP	Science Exploitation Plan
SST	Sea Surface Temperature
UoL	University of Leicester
UV	Ultra Violet
VS	Validation Scientist