

## Proposals

### List of accepted Proposals (General)

The following table gives a complete overview about all accepted proposals. The proposal id links to the proposals executive summary (only for 'non-confidential' proposals)

Proposal Id	Title	Investigator
<a href="#"><u>CAL0390</u></a>	Validation of TerraSAR-X Imagery s Applicability in Urban Ground Surface Stability Monitoring for the Major Cities of South China	Lin, Hui - The Chinese University of Hong Kong, Institute of Space and Earth Information Science
<a href="#"><u>CAL0428</u></a>	Geostatistical accuracy assessment of elevation models derived from TerraSAR-X	Paredes Hernandez, Cutberto Uriel - University of Leicester, Department of Geography
CAL0461	DLR Public Relation and Operator Training	Buckreuss, Stefan - DLR, Microwaves and Radar Institute
<a href="#"><u>CAL0629</u></a>	Comparing TerraSAR-X and COSMO-SkyMed outcomes for surface displacement and change detection aims in earthquake prone areas: the April 6th, 2009, Abruzzi (Central Abruzzi) case study	Stramondo, Salvatore - Istituto Nazionale di Geofisica e Vulcanologia, Remote Sensing
CAL1063	Incorporation of Accurate InSAR Measurements into a Multiscale Monitoring and Health Assessment Framework for Effective Management of Levees and Flood-Control Infrastructure Systems	Zeghal, Mourad - Rensselaer Polytechnic Institute, Civil and Environmental Engineering
<a href="#"><u>CAL1140</u></a>	Radar Interferometric Monitoring of Surface Settlements due to Shield Tunnelling at the Wehrhahnlinie in Düsseldorf (Germany)	Mark, Peter - Ruhr-University Bochum, Collaborative Research Centre 837 (DFG)
<a href="#"><u>CAL1279</u></a>	TERRA-COSMO: Investigation of the performances of TerraSAR-X data on extended natural targets and Cross-calibration with COSMO-SkyMed images	Pettinato, Simone - IFAC - CNR, Microwave Remote Sensing Group
<a href="#"><u>CAL1362</u></a>	Object and Change Detection with fused Optical and Radar data based on high resolution Digital Surface Model	Reulke, Ralf - HU-Berlin / DLR, Computer Vision / DLR-OS
CAL1507	TS-X for GMES4Mining	Zimmermann, Karsten - DMT GmbH und Co. KG, Exploration and Geosurvey
<a href="#"><u>CAL1992</u></a>	Multiscale Monitoring Surface Subsidence Resulting from Mining Using a Combination of Spaceborne and Airborne InSAR and GPS	Lv, Xiaolei - Institut of Electronics, Chinese Academy of Sciences, Science and Technology on Microwave Imaging Laboratory
<a href="#"><u>CAL2073</u></a>	The Potential of TerraSAR-Xfor Monitoring the Defected Deformation around the World Heritage of Angkorsite, Cambodia	Chen, Fulong - Key Laboratory of Digital Earth Science, Institute of Remote Sensing and Digital Earth
<a href="#"><u>CAL2707</u></a>		

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	Correlating the faulting mechanism characteristics of the Mw8.2, 2014, megathrust Iquique earthquake with the observed surface response and structural damage	Fortuno, Catalina - CIGIDEN, Pontificia Universidad Catolica de Chile, Ingenieria Estructural y Geotecnia
<u>CAL2816</u>	CORREO - Conformal Retro Reflectors for Earth Observation	Morrison, Keith - Cranfield University, School of Cranfield Defence and Security
<u>CAL3020</u>	Buildingstructure health monitorusing SAR interferometry with high resolutionTSX SAR images	dai, keren - Southwest Jiaotong University, Department of Remote Sensing and Geospatial Information Engineering
<u>CAL3136</u>	TerraSAR-X imagery for validation and calibration of the snow cover characteristics in the study of its effects on the frozen ground thermal regime (permafrost territories) in Maritime Antarctica	de Pablo, Miguel A. - Universidad de AlcalÆ, Geología, Geografía y Medio Ambiente
<u>CAL3485</u>	Fiducial Reference Measurements for SAR Geometric Calibration and Performance Assessment	Balss, Ulrich - Deutsches Zentrum für Luft- und Raumfahrt e.V., Institut für Methodik der Fernerkundung
<u>COA0274</u>	PANMAX	Lehner, Susanne - DLR Oberpfaffenhofen, MF SAR BF
<u>COA0308</u>	Evaluation of ship signatures in TerraSAR-X imagery using coastal-received AIS data	Vachon, Paris - Defence R and D Canada - Ottawa, Radar Applications and Space Technologies
<u>COA0340</u>	TEST TEST	Marschalk, Ursula - DLR, DFD-LAX
<u>COA0388</u>	Investigating Dynamics, Evolution, and Polarimetric Properties of Arctic Coastal Polynyas and Sea Ice Using TerraSAR-X Data	Busche, Thomas - German Aerospace Center (DLR), Microwave and Radar Institute, Radar Concepts Department
COA0612	Assessing vertical movements of natural tidal landforms and anthropogenic structures at the Venice Lagoon inlets	Tosi, Luigi - National Research Council, Institute of Marine Sciences
<u>COA0709</u>	Usage of TerraSAR-X and Optical Remote Sensing Data for an Optimized Classification of Intertidal Flats in the Tagus Estuary	Brockmann, Carsten - Brockmann Consult, Geo-Information Services
COA0744	Land Change Detection Using Satellite Radar Imagery in Airport Obstruction Charts	Oliveira, Henrique - ESTIG - IPB, Engineering
<u>COA0890</u>	Survey of coastal environment using spaceborne SAR and airborne LiDAR techniques	Garestier, Franck - University of Caen, Lab M2C, UMR CNRS/INSU 6143
COA1038	Quantification of groundwater discharge in tidal flat using TerraSAR-X	Kim, Duk-jin - Seoul National University, School of Earth and Environmental Sciences
<u>COA1075</u>	Use of high resolution TSX-data for large scale monitoring of waterlines and surface structures of intertidal areas in the Wadden Sea (TP4.1 of the interdisciplinary project "Monitoring Concepts of the German Bight" (WIMO)	Farke, Hubert - National Park Administration Lower Saxony Wadden Sea, Research
<u>COA1111</u>		Saur, Günter - Fraunhofer IOSB, ASM

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	DEKO-ext2 - detection and analysis of artificial maritime objects	
<u>COA1115</u>	High resolution SAR imaging of phenomena in the coastal zones of inland and semi-closed seas	Ivanov, Andrei - Russian Academy of Sciences, Shirshov Institute of Oceanology, remote sensing
<u>COA1144</u>	eSPACE: Assessing the potential for Environmental Sensitivity Index mapping in the Arctic using Synthetic Aperture Radar	Duffe, Jason - Environment Canada, National Wildlife Research Centre
<u>COA1163</u>	Mapping coastal habitats over the Arcachon lagoon using TerraSAR-X data and the Kalideos Remote Sensing Databases	SELLE, Arnaud - CNES, DCT/SI/AP
COA1263	Effects of shellfish on the structuring and functioning of estuarine and coastal ecosystems	van der Wal, Daphne - Royal Netherlands Institute for Sea Research (NIOZ), NIOZ Yerseke
COA1268	Mapping Vertical Land Movement using SAR Interferometry and Global Navigation Satellite System	Durairaju, Kumaran Raju - School of Civil and Environmental Engineering, Nanyang Technological University
<u>COA1278</u>	Mapping subsidence of Khulna, Bangladesh	Higgins, Stephanie - University of Colorado at Boulder, Geological Sciences
<u>COA1326</u>	Seawall Stability Monitoring with TerraSAR-X Interferometry in Zhejiang Province, China	Xie, Chou - Institute of Remote Sensing and Digital Earth, Chinese Academy of Science, Laboratory of Radar Remote Sensing
<u>COA1332</u>	DInSAR detection of residual settlement of land reclaimed from the sea in newly developed Lingang New City, Shanghai, China	Zhao, Qing - East China Normal University, College of
<u>COA1415</u>	Terra-SAR-X data for rapid mapping of tsunami induced flooded areas	Hese, Sören - Friedrich-Schiller-University Jena, Earth Observation
COA1438	Development of a thematic processor to derive high-resolution coastlines from TerraSAR-X and RapidEye remote sensing data	Vajen, Hans-Hermann - German Aerospace Centre, Earth Observation Centre
<u>COA1442</u>	Effectiveness of the TS-X for offshore renewable energy characterization and pre-selection of sites	Jacobsen, Sven - German Aerospace Center (DLR), Remote Sensing Technology Institute
<u>COA1736</u>	Assessing changes of arctic coastal environments with high resolution SAR data	Roth, Achim - DLR, DFD
<u>COA1987</u>	Study of Inupiat Subsistence Hunting Trails on the Shorefast Ice	Dammann, Dyre Oliver - University of Alaska Fairbanks, Geophysical Institute, Geology and Geophysics
<u>COA2013</u>	Mapping intertidal coastal habitats over the frenchmacrotidal lagoons using the synergy of high-resolution optical and radar data	DEHOUCK, Aurelie - ADERA, GEO-Transfert
<u>COA2070</u>	Hurricane Sandy Surge Flooding Extent, Persistence and Impacts to Coastal Resources of New Jersey to northern Virginia	Rangoonwala, Amina - Five Rivers Services LLC., Remote Sensing and Image Processing

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<u>COA2162</u>	Study of coastal sea surface wind speed retrieval	Takeyama, Yuko - National Institute of Advanced Industrial Science and Technology, Information Technology Research Institute
<u>COA2241</u>	Investigation of offshore wind turbine wake using high spatial resolution TerraSAR-X data	Li, Xiaoming - Chinese Academy of Sciences, Institute of Remote Sensing and Digital Earth
<u>COA2590</u>	ITACA (Innovation Technologies and Applications for Coastal Archaeological sites)	Pavone, Rosario - SME4SPACE VZW, N/A
<u>COA2686</u>	Testing of Digital Elevation Models Through Imaging Radar for Discrimination of Coastal Wetlands in The Mouth of Amazon River	Guimarães, Ulisses - CENSIPAM, Department of Remote Sensing
<u>COA3071</u>	Monitoring crevasses regions and the calving front of the Ekström Ice Shelf, Antarctica	Wesche, Christine - Alfred Wegener Institute, Logistics
<u>COA3120</u>	WIPAFF_TSX (Analysis of properties and impacts of offshore windpark far field effects using TerraSAR-X data)	Schulz-Stellenfleth, Johannes - Helmholtz-Zentrum Geesthacht (HZG), Institut für Küstenforschung
<u>COA3305</u>	Monitoring and assessing civil infrastructure instability in coastal reclamation areas with TerraSAR-X highresolution SAR Interferometry	SUN, Qishi - Key Laboratory of Dynamic Geodesy, Institute of Geodesy and Geophysics, Chinese Academy of Sciences
<u>COA3514</u>	Oil spill detection caused by sea vessel incident using SAR data in Cesme Bay	Arslan, Niyazi - Cukurova University, Geomatics Engineering
GEO0290	Land subsidence, volcanic evolution and tectonic related deformation monitoring using TerraSAR-X data	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
<u>GEO0295</u>	Interferometric deformation monitoring of a water management construction project in the Ruhr area	Knospe, Steffen - Clausthal University of Technology, Inst. of Geotechnical Engineering
GEO0301	TerraSAR-X data for surface monitoring while enhanced gas recovery using PS-method	Lubitz, Christin - Helmholtz Centre Potsdam, German Research Centre for Geosciences, Geodesy and Remote Sensing
<u>GEO0348</u>	Subsidence monitoring over a collapsed mine in Berezniki, Russia	Hebel, Hans-Peter - TU Clausthal, Institute of Geotechnical Engineering and Mine Surveying
<u>GEO0389</u>	High resolution DInSAR monitoring of subsidence induced by aquifer exploitation in the Vegas Baja and Media of the Segura river, SE, Spain	Lopez-Sanchez, Juan M - University of Alicante, DFISTS, EPS
<u>GEO0436</u>	Radar detection of dome growth and mass wasting at Soufriere Hills Volcano	Wadge, Geoff - University of Reading, Environmental Systems Science Centre
<u>GEO0468</u>	Assessment of residual coal mine subsidence and riverbank stability in an urban setting using X-band and C-band PSI.	Dehls, John - Geological Survey of Norway, Geohazards
GEO0473	Landslide detection in the Lisbon area, Portugal, by means of TerraSAR interferometric data	Nico, Giovanni - Consiglio Nazionale delle Ricerche (CNR), Istituto per le Applicazioni del Calcolo (IAC)

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<u>GEO0502</u>	Determination of seismic deformation, fault scarps and tectonically induced mass movements at Lake Ohrid Basin.	Hoffmann, Nadine - RWTH Aachen University, Neotectonics and Natural Hazards RWTH Aachen University
<u>GEO0553</u>	Spatial and statistical characterization of environmental and anthropic parameters conditioning the terrain stability	Baghdadi, Nicolas - CEMAGREF - UMR TETIS, Maison de la télédétection
<u>GEO0565</u>	SAR for measuring permafrost landscape changes (PERMA-SAR)	Lauknes, Tom Rune - Norut, Earth Observation
<u>GEO0583</u>	High resolution DInSAR monitoring of landslides in the urban area of Alcoy (Alicante province, SE Spain)	Delgado, JosØ - Universidad de Alicante, Ciencias de la Tierra
<u>GEO0606</u>	Landslide Monitoring with TerraSAR-X Data Stack in the Three Gorges Area, China	Liao, Mingsheng - Wuhan University, LIESMARS
<u>GEO0609</u>	TerraSAR-X interferometric observations of tectonic and magmatic processes in Iceland laboratory area	Sigmundsson, Freysteinn - University of Iceland, Institute of Earth Sciences
<u>GEO0706</u>	Detail surface deformation and landslide monitoring using high resolution Terra-SAR X data in potential geohazard area, Taiwan	Yen, Jiun-Yee - National Dong Hwa University, Institute of Earth Sciences
<u>GEO0714</u>	Application of TerraSAR-X Interferometry to deformation monitoring in New Zealand	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
GEO0717	Surface deformation study of the city of Staufen (Germany)	Lubitz, Christin - Helmholtz Centre Potsdam, German Research Centre for Geosciences, Geodesy and Remote Sensing
<u>GEO0728</u>	Measure of Mexico City subsidence by high resolution TerraSAR-X interferometry	Doin, Marie-Pierre - Ecole normale Supérieure, Laboratoire de Géologie, Département Géosciences
<u>GEO0746</u>	Monitoring postseismic crustal deformation in Haiti with TerraSAR-X observations	Wdowinski, Shimon - Florida International University, Earth and Environment
<u>GEO0747</u>	Data acquisition for GEO's Hawaii Geohazard Supersite	Poland, Michael - U.S. Geological Survey, Cascades Volcano Observatory
<u>GEO0764</u>	Monitoring landslide dynamics in Norway using high resolution TerraSAR-X and Radarsat-2 InSAR	Lauknes, Tom Rune - Norut, Earth Observation
<u>GEO0772</u>	InSAR and LiDAR data integration for landslides monitoring	Borkowski, Andrzej - Wroclaw University of Environmental and Life Sciences, Institute of Geodesy and Geoinformatics
<u>GEO0875</u>	Data provision for GEO's Hawaii Geohazard Supersite	Poland, Michael - U.S. Geological Survey, Cascades Volcano Observatory
<u>GEO0878</u>	High resolution DInSAR monitoring of a landslide in Canillo, Andorra	Mallorqui, Jordi J. - Universitat Politècnica de Catalunya (UPC), Signal Theory and Communications
<u>GEO0879</u>	Measurement of the rate of growth of Bagana Volcano	Wadge, Geoff - University of Reading, Environmental Systems Science Centre
<u>GEO0882</u>		

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	Modeling of seismic induced deformation in South-East Asia detected by GPS and InSAR	Simons, Wim - Delft University of Technology, Faculty of Aerospace Engineering
<u>GEO0891</u>	Data acquisition for GEO's Mt. Etna Geohazard Supersite	Sansosti, Eugenio - IREA-CNR, Remote Sensing
<u>GEO0895</u>	Data acquisition for GEO's Los Angeles, California Geohazard Supersite	Lundgren, Paul - California Institute of Technology, Jet Propulsion Laboratory
<u>GEO0904</u>	High resolution SAR Interferometry for monitoring the Rio-Antirio Bridge (Western Greece) : a case study in the frame of Terrafirma-X project.	Parcharidis, Issaak - Harokopio University of Athens, Geography
<u>GEO0927</u>	Data provision for GEO's Los Angeles Geohazard Supersite	Lundgren, Paul - California Institute of Technology, Jet Propulsion Laboratory
<u>GEO0988</u>	Data acquisition for GEO's Istanbul Geohazard Supersite	CAKIR, Ziyadin - Istanbul Technical University, Geology
<u>GEO0999</u>	Data provision for GEO's Etna Geohazard Supersite	Sansosti, Eugenio - IREA-CNR, Remote Sensing
<u>GEO1000</u>	TerraSAR-X Study of the 2010 Silent Earthquake at Kilauea, Hawaii	zebker, howard - Stanford University, Geophysics and Electrical Engineering
<u>GEO1001</u>	Geological hazards assessment based on DInSAR data in the main part of Ethiopian Rift Valley	Knospe, Steffen - Clausthal University of Technology, Inst. of Geotechnical Engineering
<u>GEO1026</u>	Suitability evaluation of the differential radar interferometry method for detection and deformation monitoring of mass movements and subsidence	Minet, Christian - Deutsches Zentrum für Luft- und Raumfahrt, MF-SAR
<u>GEO1050</u>	InSAR monitoring of Landslides affecting Transportation and Energy Corridors in Canada	SINGHROY, Vernon - Canada Centre for Remote Sensing, Natural resources Canada
GEO1060	Deformation of coupled hydrothermal-magmatic systems	Biggs, Juliet - University of Bristol, Department of Earth Sciences
<u>GEO1069</u>	High resolution geodesy for active, deforming volcanoes	Biggs, Juliet - University of Bristol, Department of Earth Sciences
<u>GEO1081</u>	Detection of earth surface subsidence for estimating of possibility prediction of technogeneous earthquakes during the oil-and-gas field development (in example of territory of Astrakhan gas-condensate field)	Musikhin, Vasily V. - Perm state technical university, Mine Surveying, Geodesy and GIS
<u>GEO1088</u>	Mapping ground surface deformation of selected Aleutian volcanoes using TerraSAR-X InSAR imagery	Lu, Zhong - Southern Methodist University, Earth Sciences
<u>GEO1106</u>	Mapping morphological and structural changes on a lava dome as a precursor to surface activity, Soufriere Hills Volcano, Montserrat	Stinton, Adam - Montserrat Volcano Observatory, N/A
<u>GEO1108</u>	Detection of potentially danger areas in wide extractable territory of region of mining of potassium ore, in terms of	Musikhin, Vasily V. - Perm state technical university, Mine Surveying, Geodesy and GIS

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	inducted correlation of radar interferometry results with land geodesic results (in of territory of activity of company «OAO «Sylvinite»)	
<u>GEO1119</u>	Ulaanbaatar region deformation monitoring using TerraSAR-X interferometry	Pinel-Puyssøgur, Bøatrice - CEA/DAM, DASE
<u>GEO1142</u>	Mapping Yellowstone caldera-wide and small-scale deformation using TerraSAR-X InSAR imagery	Wicks, Charles - U. S. Geological Survey, Earthquake and Volcano Science Centers
<u>GEO1165</u>	Improving volcano monitoring with high resolution interferometry using TerraSAR-X data and the Kalideos Isle-RØunion database	SELLE, Arnaud - CNES, DCT/SI/AP
<u>GEO1179</u>	Integration between SAR Interferometry and Ground-Based Geodetic Data on Mt. Etna Supersite Using TerraSAR-X Data	Puglisi, Giuseppe - Istituto Nazio. di Geofisica e Vulcanologia, Sez. di Catania, Osservatorio Etneo
<u>GEO1202</u>	Application of InSAR to measure surface displacement over Mountain Baekdu Volcano	Hong, Sang-Hoon - Korea Polar Research Institute, Division of Polar Ocean Environment
<u>GEO1206</u>	Monitoring volcanic-tectonic interaction during the current mega-eruption of Nabro volcano, Eritrea(MOVIMENA)	Wright, Tim - University of Leeds, School of Earth and Environment
<u>GEO1217</u>	TSX time-series analysis of postseismic deformation following large earthquakes	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO1225</u>	Monitoring of urban areas affected by landslides with TerraSAR-X data	Gullà Giovanni - National Reseach Council, Istituto di Ricerca per la Protezione Idrogeologica
<u>GEO1228</u>	Urgency Acquisitions for Santorini Volcano, Greece	Biggs, Juliet - University of Bristol, Department of Earth Sciences
<u>GEO1232</u>	Monitoring of landslides on east part of North Antolia Fault Zone (Kelkit Valley) using PS-InSAR method with TerraSAR-X data	Hastaoglu, Kemal Ozgur - Cumhuriyet University, Geomatics Engineering
<u>GEO1241</u>	Permafrost survey using Dual-Pol InSAR data	Garestier, Franck - University of Caen, Lab M2C, UMR CNRS/INSU 6143
<u>GEO1273</u>	Data provision for GEO's Istanbul Geohazard Supersite	CAKIR, Ziyadin - Istanbul Technical University, Geology
<u>GEO1284</u>	TerraSAR-X background acquisitions for the Geohazards Supersites	Amelung, Falk - University of Miami, Division of Marine Geology and Geophysics
<u>GEO1291</u>	Data acquisition for GEO's Campi Flegrei Geohazard Supersite	Berardino, Paolo - Consiglio Nazionale delle Ricerche, Istituto per il Rilevamento Elettromagnetico
<u>GEO1313</u>	Monitoring volcanoes and geothermal areas of the Andes	Pritchard, Matthew - Cornell University, Earth and Atmospheric Science
<u>GEO1324</u>	Locating the PelusiacRiver Channel, Defuct Branch of the Nile	KHAN, SHUHAB - University of Houston, Earth and Atmospheric Sciences
<u>GEO1352</u>	Assessment of TerraSAR-X data for detecting the Black Sea coast	Osheyko, Sergey - Black Sea Organization for Integration and Sustainable Development,

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	displacements	Management
<u>GEO1366</u>	Monitoring unstable rock and Landslides deformation from InSAR techniques over ChongQing, China	ZHU, WU - Chang an university, Department of Geology Engineering and Geomatics
<u>GEO1371</u>	Slope movements monitoring in open-pit mines by using INSAR and GPS Techniques	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO1409</u>	TerraSAR-X interferometric products as an aid to the assessment and quality control for geotechnical engineering projects	Fernandez, Jose - Instituto de Geociencias, Dinamica Terrestre y Observacion de la Tierra
<u>GEO1423</u>	Investigating stick-slip motion at Skalafellsjokull	Hart, Jane - University of Southampton, Geography and Environment
<u>GEO1441</u>	Estimating melting rates of major arctic ice sheet using TerraSAR-X InSAR and pixel tracking	Amelung, Falk - University of Miami, Division of Marine Geology and Geophysics
<u>GEO1454</u>	InSAR observations and modeling of Kilauea Volcano, Hawaii, using TerraSAR-X	Le Mevel, Helene - University of Wisconsin - Madison, Geoscience
<u>GEO1475</u>	Monitoring Nyamulagira and Nyiragongo volcanoes (R.D. Congo) using TerraSAR-X interferometry	Kervyn, Francois - Royal Museum For Central Africa, Earth Science
GEO1505	Deformation and eruption time lags at explosive and effusive volcanoes after earthquakes as revealed by TerraSar-X Interferometry, seismicity and camera observations	Walter, Thomas - GFZ, 2.1
<u>GEO1506</u>	Exploration of Frequent Earthquakes in Xinjiang	Wang, Robert Yu - Chinese Academy of Sciences, Inst. of Electronics, Dep. of Space Microwave Remote Sensing System
<u>GEO1524</u>	New data to constrain glacier velocities in Alaska, Patagonia, and the Russian Arctic	Pritchard, Matthew - Cornell University, Earth and Atmospheric Science
<u>GEO1553</u>	Assessment of Salar deformation in South America using TerraSAR-X data	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO1620</u>	IsViews Iceland Subglacial Volcanoes Interdisciplinary Early Warning System - Continuation and enhancement of the existing SAR-based hazard observation with TerraSAR-X, TanDEM-X, HRSC, and RapidEye data -	Minet, Christian - Deutsches Zentrum für Luft- und Raumfahrt, MF-SAR
<u>GEO1649</u>	Data provision for GEO's Campi Flegrei Geohazard Supersite	Berardino, Paolo - Consiglio Nazionale delle Ricerche, Istituto per il Rilevamento Elettromagnetico
GEO1667	Spatio-temporal monitoring of differential deformation areas in Izmir (W. Turkey) using InSAR and terrestrial geodetic data	Kocak, Guven - Dokuz Eylul University, Department of Management Information Science
<u>GEO1760</u>	Detecting and monitoring interseismic deformation fields with TerraSAR-X Interferometry at several major seismic zones of China	Chunyan, Qu - China Earthquake Administration, Institute of Geology, State Key Lab. of Earthquake Dynamics



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<u>GEO1836</u>	Mapping caldera-wide and small-scale deformation at Long Valley Caldera using TerraSAR-X InSAR imagery		Wicks, Charles - U. S. Geological Survey, Earthquake and Volcano Science Centers
<u>GEO1838</u>	Investigating landslide and land subsidence hazards using TSX images		Li, Zhenhong - Newcastle University, School of Civil Engineering and Geosciences
<u>GEO1862</u>	InSAR observations Crustal deformation during the seismic cycle in the South-Central Chile margin		Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO1915</u>	Mapping Volcanic Activity at Volcan de Colima, Mexico		Cole, Paul - Plymouth University, Earth Sciences
<u>GEO1916</u>	Remote Sensing Based Process Monitoring and Hazard Assessment		Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO1924</u>	Seismic and geodetic coupling along the Pamir Main Thrust: Insights into strain partitioning in continental collision zones		Metzger, Sabrina - Helmholtz Center Potsdam, GFZ, Department of Geodynamics and Geomaterials
<u>GEO1933</u>	Surface deformation associated with the 2011 Pu'u crater collapse events at Kilauea Volcano, Hawai'i		Richter, Nicole - GFZ Potsdam, Physics of the Earth
GEO1962	Geological Surface Roughness Modeling in SAR Images		Ghafouri, Ali - PhD Candidate, Dept. Geomatics, University of Tehran
<u>GEO1970</u>	Comparative study of terrestrial and planetary aeolian structures		Paillou, Philippe - University Bordeaux 1, OASU
<u>GEO1978</u>	Complex study of persistent scatterer technique for subsidence monitoring in geodynamic risk areas on conditions of landscapes seasonal changes		Filatov, Anton - Immanuel Kant Baltic Federal University, Research Institute of Applied Informatics and Mathematical Geophysics
<u>GEO1986</u>	<u>Integrated monitoring of the Volcanic Complex (InSan)</u>	<u>Santorini</u>	Papoutsis, Ioannis - National Observatory of Athens, Institute for Space Applications and Remote Sensing
<u>GEO2003</u>	Time series of dynamic landsliding in the Berkeley Hills, California		Büggmann, Roland - University of California, Berkeley, Department of Earth and Planetary Science
GEO2049	Development of the operational use of radar for mine closure monitoring in a permafrost environment		Rheault, Michel - Effigis Geo-Solutions, Earth Observation
<u>GEO2064</u>	Mapping the deformation of the 2011 Puyehue-Cordón Caulle eruption, southern Chile, using TerraSAR-X data		Wendt, Anja - Bayerische Akademie der Wissenschaften, Kommission für Erdmessung und Glaziologie
<u>GEO2099</u>	Estimating the geometry time evolution of the rhyolite magma reservoir associated with the 2011-2012 eruption in the Puyehue-Cordón Caulle volcanic complex		Wicks, Charles - U. S. Geological Survey, Earthquake and Volcano Science Centers
<u>GEO2115</u>	TerraSAR-X data for Earthquake Geologic Hazard of Awaran Pakistan		XU, Bing - Central South University, Dep. of Geomatics, School of Geoscience and Info-Phys.
<u>GEO2125</u>	Co-seismic deformation associated with the 2013 Pakistan-Balochistan earthquake (M=7.7)		Grandin, Raphael - Institut de Physique du Globe de Paris, Equipe de Tectonique

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GEO2202	Investigating co- and post- seismic deformation of the earthquakes in Pakistan and Iran	Shirzaei, Manoochehr - Arizona State University, School of Earth and Space Exploration
<u>GEO2307</u>	THE EASTERN PART OF GEDIZ GRABEN DETERMINATION METHODS OF TECTONIC MOVEMENTS GPS AND PS-INSAR	Poyraz, Fatih - Faculty of Engineering, Geomatics Engineering
<u>GEO2309</u>	Crustal Deformation in Southwest Bolivia	Farrell, Alexandra - University of South Florida, School of Geosciences
<u>GEO2326</u>	<b>Using TerraSAR-X to study magmatic, seismic, and other processes at volcanoes in the Cascade Range, northwestern USA</b>	Dzurisin, Daniel - U.S. Geological Survey, David A. Johnston Cascades Volcano Observatory
<u>GEO2327</u>	Identification, characterisation and typisation of an ancient settlement network comprising elevated settlement mounds in the surrounding of the ancient centre Tell el-Fara'in (Buto, Western Nile Delta) on the basis of TSX-data.	Ginau, Andreas - Institute of Physical Geography, Goethe University Frankfurt am Main, Department for Geosciences
<u>GEO2328</u>	Research of the geodynamic processes of Karaganda city with application of a satellite radar interferometry	Mozer, Dmitriy - KSTU, Mining
<u>GEO2460</u>	Implementation of an automated TSX High Resolution Interferometric processing chain for Volcano Monitoring in the framework of the MEDiterranean SUPersite Volcanoes Project and quantifications of the influence of volcanic plumes on SAR images	Minet, Christian - Deutsches Zentrum für Luft- und Raumfahrt, MF-SAR
<u>GEO2553</u>	Deformation signals related to induced seismicity	Yoon, Clara - Stanford University, Geophysics
<u>GEO2555</u>	Time-lapse imaging with TerraSAR-X for surface deformation monitoring at a carbon storage/ enhanced gas recovery field demonstration in the Central Appalachian Basin, USA	Gilliland, Ellen - Virginia Center for Coal and Energy Research at Virginia Tech,
<u>GEO2577</u>	Using TSX INSAR to measure changes of land surface elevation of cultivated fields for soil erosion estimation	Jordan, Colm - British Geological Survey, Earth and Planetary Observation and Monitoring
<u>GEO2607</u>	Monitoring postseismic motion of the 2013 Balochistan, Pakistan earthquake by TerraSAR-X data	Sun, Jianbao - Institute of Geology, China Earthquake Administration, Lab. Earthquake Dynamics
<u>GEO2641</u>	Ground deformation phenomena monitoring through interferometric data of Crotona Province area, Italy	Plank, Simon - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD)
<u>GEO2647</u>	Neotectonics in the central Puna Plateau (NW Argentina)	Bookhagen, Bodo - Universität Potsdam, Institut für Erd- und Umweltwissenschaften
<u>GEO2665</u>	Spatial and temporal variations of surface deformation in the Pamir - Tian Shan collision zone	Bookhagen, Bodo - Universität Potsdam, Institut für Erd- und Umweltwissenschaften
<u>GEO2683</u>	TerraSAR-X data for Landslide studies in Sri Lanka	Rasika Nishamanie Ranasinghe, Ahangama Kankanamge - Sabaragamuwa University, Sri Lanka, Faculty of Geomatics

## Proposals

<u>GEO2684</u>	Copernicus service in support of geohazard assessment and regional planning in the region Rhine-Moselle	Wolf, Corinna - Bundesanstalt für Geowissenschaften und Rohstoffe (BGR), Gefährdungsanalysen, Fernerkundung
<u>GEO2692</u>	Detection, Monitoring of landslide by Using DInSAR method in Zagros region, Iran	shirani, kourosh - university of isfahan, Iran, Geology
<u>GEO2696</u>	Time-series surface displacements before and after the 2011 Tohoku earthquake using TerraSAR-X and ALOS/ALOS-2 interferometry	Nannini, Matteo - DLR, SAR Technology
<u>GEO2733</u>	The study of Cold Debris flow in Northern Alaska with TerraSAR-X images: Part 2 study of 2015 - 2016	Gong, Wenyu - University of Alaska Fairbanks, Geophysical Institute
<u>GEO2875</u>	Monitoring ground subsidence in Suzhou	Yuan, Ming - Suzhou University of Science and Technology, Department of Spatial Information and Surveying Engineering
<u>GEO2920</u>	Observing mining induced subsidence in the western United States using TerraSAR-X DInSAR	Wempen, Jessica - University of Utah, Mining Engineering
GEO2994	Seismic Urban Vulnerability Assessment of the city of Loutraki (Greece) exploiting TSX (SUVA-Loutraki-TSX)	Elias, Panagiotis - National Observatory of Athens, Inst. for Astronomy, Astrophysics, Space Applications and Remote Sensing
<u>GEO3039</u>	Small scale loess landslide detection, monitoring and forecasting with high resolution SAR data	Chaoying, Zhao - Changan University, College of engineering geology and geomatics
<u>GEO3155</u>	Measurement of time-dependent surface displacement associated with ground water extraction at Lorca (Murcia, Spain).	Abajo , Tamara - Consejo Superior de Investigaciones Científicas, Instituto de Geociencias
<u>GEO3179</u>	Ground subsidence monitoring research in Suzhou	Yuan, Ming - Suzhou University of Science and Technology, Department of Spatial Information and Surveying Engineering
<u>GEO3239</u>	SAR for improving the safety of mining operations	Davids, Corine - Norut, Earth Observation
<u>GEO3268</u>	Water level monitoring in Northern Canada using Interferometric SAR	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>GEO3270</u>	DETERMINATION OF THE TECTONIC MOVEMENTS IN THE WESTERN PORTION OF SULTANDA—I FAULT WITH GNSS AND PS-INSAR	Tiryakioglu, Ibrahim - Afyon Kocatepe University, Geomatics Eng.
<u>GEO3277</u>	Soil Erosion Monitoring by Using Multi-temporal TerraSAR-X Data over Junggar, Inner Mongolia	YANG, XIAOTING - The Hong Kong Polytechnic University, Land Surveying and Geo-Informatics
<u>GEO3318</u>	Staring spotlight radar observations at holes: volcano craters and sinkholes	Walter, Thomas - GFZ, 2.1
<u>GEO3329</u>	Multi-temporal Multi-frequency PSI analysis	Nannini, Matteo - DLR, SAR Technology
<u>GEO3330</u>	Space-based detection of sinkhole activities in central Florida	Wdowinski, Shimon - Florida International University, Earth and Environment
<u>GEO3353</u>		

## Proposals

	Landslide deformation mapping by exploitation of both amplitude and phase information of TerraSAR-X/TanDEM-X data stack	Zhang, Lu - Wuhan University, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote
<u>GEO3398</u>	Use of new data to search for ground deformation in eastern North America	Pritchard, Matthew - Cornell University, Earth and Atmospheric Science
<u>GEO3449</u>	Determination of three-dimensional postseismic deformations and crustal strain tensors with TerraSAR-X data	Gan, Jie - School of Geosciences and Info-Physics, Central South University, Department of Geomatics
<u>GEO3462</u>	Exploitation of TerraSAR-X time series for environmental monitoring on CNES Kalideos sites	Proy, Catherine - CNES, DSO/SI/2A
<u>GEO3519</u>	FrostInSAR: Upscaling the investigation of periglacial landforms in the Norwegian Arctic using Synthetic Aperture Radar Interferometry	Lauknes, Tom Rune - Norut, Earth Observation
<u>HYD0289</u>	Glacier dynamics and environmental disasters in the Tien-Shan mountain range	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
<u>HYD0305</u>	Mapping River Ice Using Dual Polarization X-Band SAR Data	Bernier, Monique - INRS, Eau, Terre et Environnement
<u>HYD0326</u>	Automatic extraction of water and flood areas from TerraSAR-X data	Hahmann, Thomas - German Aerospace Center, DFD
<u>HYD0354</u>	Evaluation of TerraSAR for high resolution flood, landuse and infrastructure mapping in the Mekong River Delta, Vietnam	Künzer, Claudia - DFD DLR, LA
<u>HYD0363</u>	Using TerraSAR-X data for improved urban flood model validation	Mason, David - University of Reading, Environmental Systems Science Centre
<u>HYD0377</u>	Outlet glacier and ice stream dynamics	Joughin, Ian - University of Washington, Polar Science Center
<u>HYD0396</u>	Climate Response of Glaciers at the Antarctic Peninsula, on the Patagonia Icefield and Island observed by TerraSAR-X	Floricioiu, Dana - DLR, IMF
<u>HYD0427</u>	Winter habitat for salmon, mapping ice cover and river channels from SAR data	Guritz, Rick - Geophysical Institute, University of Alaska Fairbanks, Alaska Satellite Facility
<u>HYD0438</u>	High Resolution Surface Velocity Measurements of Antarctic Outlet Glaciers and Ice Streams	Floricioiu, Dana - DLR, IMF
HYD0445	Snow ice parameter retrieval with SAR-X microwave remote sensing	Thakur, Praveen Kumar - Indian space research organisation (ISRO), Government of India, Water Resources Division, Indian Institute of Remote Sensing (IIRS)
<u>HYD0480</u>	Assessment of high spatial resolution SAR data for flood impact on small water bodies: a test of TerraSAR-X data in Bangladesh	Al-Ali, Mohamed - Durham University, Geography Department

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<u>HYD0492</u>	Ice velocity measurements of Greenland outlet glaciers	Floricioiu, Dana - DLR, IMF
<u>HYD0516</u>	Investigation of the groundwater and surface water inflow on the western part of the Dead Sea	Mallast, Ulf - Helmholtz-Centre for Environmental Research, Hydrogeology
<u>HYD0534</u>	HYDRO-TIP - Remote Sensing for Hydro-Glaciological and Geo-Ecological Research on the Tibetan Plateau (DFG Priority Program 1372 Tibetan Plateau: Formation Climate - Ecosystems (TiP))	Hochschild, Volker - Universitaet Tuebingen, Geographisches Institut
<u>HYD0538</u>	HYDRO-TERRA. The retrieval and monitoring of Land Hydrological parameters for Risk and Water Resources Management	Pampaloni, Paolo - CNR-IFAC, Earth Observation
<u>HYD0542</u>	Exploiting very high resolution optical and SAR imagery to monitor soil surface characteristics (texture, rugosity and humidity)	GARRIGUES, SEBASTIEN - CNES, DCT/SI/AP
<u>HYD0546</u>	Examination of the hydrology of a low-gradient High Arctic wetland at the regional scale	Muster, Sina - Stiftung Alfred-Wegener-Institut für Polar- und Meeresforschung, Geowissenschaften
<u>HYD0562</u>	GLOF Glacial Lake Mapping	Wiesmann, Andreas - GAMMA Remote Sensing AG, N/A
<u>HYD0605</u>	Monitoring wetland extent and water level in the Great Lakes Basin	Pregitzer, Marilee - Canada Centre for Remote Sensing, Natural Resources Canada
<u>HYD0611</u>	Contribution of ENVISAT, RADARSAT-2, ALOS and TERRASAR-X multi-polarisation radar data for monitoring agricultural surfaces.	BAUP, frederic - CESBIO, Physics
HYD0648	HYDRA	Waske, Björn - Freie Universität Berlin, Institut für Geographische Wissenschaften
<u>HYD0655</u>	Subsidence associated with fluid extraction in urban areas of the SW US and NW Mexico	Dixon, Timothy - University of South Florida, Department of Geology
<u>HYD0677</u>	Hydrology and Land Use in the Elbe River Biosphere Reserve in Lower Saxony, Germany	Keienburg, Tobias - Administration of the Elbe River Biosphere Reserve in Lower Saxony, Germany, Research, Documentation, Education and Public Relations
<u>HYD0733</u>	Flood Mapping of Emajigi River in Alam-Pedja Nature Reserve, Estonia	Voormansik, Kaupo - University of Tartu, Space Technologies Workgroup
<u>HYD0745</u>	Remote sensing data assimilation on SVAT model for the monitoring of evapotranspiration in a semi-arid region in North Africa	ZRIBI, MEHREZ - CNRS, CESBIO
<u>HYD0754</u>	Greenland Ice Mapping Project	Joughin, Ian - University of Washington, Polar Science Center
<u>HYD0776</u>	Levee screening using multipolar TerraSAR-X data to identify potential failure sites	Hasan, Khaled - Mississippi State University, Geosystems Research Institute
<u>HYD0846</u>	Erosion Areas in the Watershed of the Sylvenstein Lake	Eineder, Michael - DLR, IMF

## Proposals

<a href="#"><u>HYD0884</u></a>	TerraSAR-X analysis of ground movements in mountainous areas: Tena Valley	Herrera, Gerardo - Inst. Geológico y Minero de España, Investigación y Prospectiva Geocientífica
<a href="#"><u>HYD1147</u></a>	Quantifying the influence of rapid inhomogeneous basal melting on ice morphology and dynamics at Pine Island Ice Shelf using TerraSAR-X velocimetry.	Holland, David - New York University, Mathematics
<a href="#"><u>HYD1167</u></a>	Monitoring seasonal variations in reservoir storage using high resolution TerraSAR-X time series data for studying water availability in semi-arid NE Brazil for use in hydrological modeling	Foerster, Saskia - GFZ Potsdam, Department of Geodesy and Remote Sensing, Remote Sensing section
<a href="#"><u>HYD1227</u></a>	Estimation of groundwater infiltration during flood periods at Imanqak (Xinjiang, China) by using Terra SAR X data	Keilholz, Patrick - Universität der Bundeswehr München, Institut of Hydrosiences
<a href="#"><u>HYD1239</u></a>	Evaluation of snow mapping capability of TerraSAR-X and ENVISAT ASAR data in the various conditions of the Czech Republic	Souckova, Jana - Charles University in Prague, Faculty of Science, Dep. of Applied Geoinformatics
<a href="#"><u>HYD1303</u></a>	Ice dynamics investigations in the Pine Island Bay and Dronning Maud Land, Antarctica	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD1316</u></a>	Cultivated landscapes terrace walls, embankments and ditches detection	Bailly, Jean-Stephane - AgroParisTech, SIAFEE
<a href="#"><u>HYD1346</u></a>	Modelling of the 2009 Ayamama river flood using LISFLOOD-FP	Ozdemir, Hasan - Istanbul University, Geography Department
<a href="#"><u>HYD1417</u></a>	Long-term monitoring of the Inylchek glacier's surface kinematics	Neelmeijer, Julia - Helmholtz Centre Potsdam, GFZ, Geodesy and Remote Sensing
<a href="#"><u>HYD1421</u></a>	Precise ice dynamics and mass-balance near the grounding zone of outlet glaciers in the Transantarctic Mountains	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD1451</u></a>	Ice dynamics and mass-balance of outlet glaciers and ice streams at the southern end of Ross Ice Shelf	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD1529</u></a>	0_TERRA-COSMO: Investigation of the performances of TerraSAR-X data on extended natural targets and Cross-calibration with COSMO-SkyMed images	Pettinato, Simone - IFAC - CNR, Microwave Remote Sensing Group
<a href="#"><u>HYD1722</u></a>	The Potential of TerraSAR-X for Monitoring Glacier Dynamics and Permafrost Evolution in the Tibetan Plateau	Lin, Hui - The Chinese University of Hong Kong, Institute of Space and Earth Information Science
<a href="#"><u>HYD1905</u></a>	Evaluation of TerraSAR-X data for high resolution flood, inundation frequency, wetland and habitat fragmentation mapping in the Yellow River Delta, China	Eisfelder, Christina - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD), Land Surface (LAX)
<a href="#"><u>HYD1906</u></a>	Mapping and Monitoring of Water Surfaces in Tanzania for the Prediction	Wendleder, Anna - German Aerospace Center, German Remote Sensing Data Center

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	of the Rift Valley Fever	
<u>HYD1919</u>	Analysis of TerraSAR-X data for derivation of flood masks and environmental mapping for the Dongting lake in China	Eisfelder, Christina - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD), Land Surface (LAX)
<u>HYD1925</u>	Outlet Glacier Variability in Central West Greenland	Stearns, Leigh - University of Kansas, Department of Geology
<u>HYD1931</u>	Investigation of Dynamics, Evolution and Polarimetric Properties of Agriculture and Soils within TERENO Observatories	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>HYD1948</u>	Soil moisture effects on the complex coherence in X-band repeat-pass DInSAR data	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>HYD1963</u>	GLOF-DM	Wiesmann, Andreas - GAMMA Remote Sensing AG, N/A
<u>HYD1974</u>	Investigations of TerraSAR-X for the monitoring of the great Pacific garbage patch (GPGP)	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>HYD2005</u>	<b>SAR and Surface Water Monitoring</b>	Murnaghan, Kevin - Natural Resources Canada, Canada Centre for Remote Sensing
<u>HYD2059</u>	Remote Sensing and Earth System Dynamics (HGF Alliance): Cryosphere/Glaciology	Floricioiu, Dana - DLR, IMF
HYD2074	EXICE	Warren, Sherry - C-CORE, Earth Observation
HYD2102	Retrieving Snow Water Equivalent using X-band satellite data from the TerraSAR-X satellite	Malnes, Eirik - Norut Informationstechnology AS, Earth Observation
<u>HYD2123</u>	Alpine Avalanche Forecast	Wiesmann, Andreas - GAMMA Remote Sensing AG, N/A
<u>HYD2148</u>	Levee characterization with TerraSAR-X imagery combined with geophysical and geotechnical data	Dabbiru, Lalitha - Mississippi State University, Geosystems Research Institute
<u>HYD2160</u>	Evaluating TSX/RS2 products to provide specific river ice mapping solutions to hydroelectricity producers	Roth, Achim - DLR, DFD
<u>HYD2220</u>	Monitoring seasonal dynamics of macrophyte growth and water availability in surface reservoirs using TerraSAR-X time series data in semi-arid NE Brazil	Foerster, Saskia - GFZ Potsdam, Department of Geodesy and Remote Sensing, Remote Sensing section
<u>HYD2317</u>	Monitoring of Soil Moisture and Crop State in the Heihe River Basin	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>HYD2369</u>	TSX for water and infrastructure monitoring	Welch, George - JWRL Geomatics Inc, Management
<u>HYD2385</u>	Radar Backscattering Measurements for Snow Mapping and Monitoring	Wendleder, Anna - German Aerospace Center , German Remote Sensing Data Center
<u>HYD2578</u>		

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	Terrasar-X applications in reconstructing Holocene dynamics between societies and water resources in marginal zones	C. Cecilia, Francesc - Spanish National Research Council, Institutio Milà Fontanals
<a href="#"><u>HYD2636</u></a>	Lake monitoring using HH/VV TerraSAR-X	Heine (nee Kleine), Iris - GFZ, German Research Centre For Geosciences, Section 1.4 Remote Sensing
<a href="#"><u>HYD2642</u></a>	Monitoring of Lake Ice	Roth, Achim - DLR, DFD
<a href="#"><u>HYD2671</u></a>	Monitoring calving glacier dynamics on the Southern Patagonia Icefield, Chile	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD2743</u></a>	Usage of TerraSAR-X images to characterize changes in shallow subsurface structures on Devon Ice Cap, Canada	Fernandes, Luisa - University of Alberta, Earth and Atmospheric Sciences
<a href="#"><u>HYD2799</u></a>	Dikes under pressure Technical and ecological Vulnerability and Resilience of dike landscapes	Marzahn, Philip - LMU Munich, Department of Geography
<a href="#"><u>HYD2846</u></a>	Investigations on the ice dynamics and grounding zone location at the Potsdam Glacier and Nivlisen ice shelf, Antarctica.	Floricioiu, Dana - DLR, IMF
HYD2905	Estimation of hydrological and plant parameters in Tibetan wetlands using multi-temporal TerraSAR-X data	Xie, Chou - Institute of Remote Sensing and Digital Earth, Chinese Academy of Science, Laboratory of Radar Remote Sensing
<a href="#"><u>HYD2908</u></a>	Multi-frequency Wetland Monitoring in Northern Canada	Wendleder, Anna - German Aerospace Center , German Remote Sensing Data Center
HYD2969	Eco- Hydrological and Eco- Hydraulic Modelling for the Restoration of Loktak Lake, India Based on Very High Resolution SAR	Khosa, Rakesh - Indian Institute of Technology, Delhi, Department of Civil Engineering
<a href="#"><u>HYD2997</u></a>	Ice deformation and crevasse formation at Brunt Ice Shelf, Antarctica	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD3008</u></a>	Documentation and monitoring of changes in ice dynamics, elevation and mass discharge of glacier systems on the Antarctic Peninsula using dense time series of SAR data	Friedl, Peter - German Aerospace Center (DLR), International Ground Segment
<a href="#"><u>HYD3056</u></a>	Essential Climate Variables derivation for the Antarctic Ice Sheet	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD3058</u></a>	Outlet Glacier Dynamics in Princess Elizabeth Land, East Antarctica	Peters, Leo - University of Tasmania, Institute of Marine and Antarctic Studies
<a href="#"><u>HYD3094</u></a>	Tracking the ice island PII-K near Kane basin using TerraSAR-X time series	Wendleder, Anna - German Aerospace Center , German Remote Sensing Data Center
<a href="#"><u>HYD3133</u></a>	Land and sea ice dynamics in Northeast Greenland	Floricioiu, Dana - DLR, IMF
<a href="#"><u>HYD3218</u></a>	Flood Regimes and Carbon Cycling in Anthropogenic Landscapes of the Bolivian Amazon	Erickson, Clark - University of Pennsylvania, Anthropology
<a href="#"><u>HYD3259</u></a>	Viability studio of critical hydrologic structures monitoring using high	Escayo, Joaquin - Institute of Geosciences, CSIC, N/A



## Proposals

	resolution TerraSAR-X Spotlight imagery	
<u>HYD3333</u>	Monitoring snow properties using X-band radar satellite data	Cetinic, Frano - Globesar, N/A
<u>HYD3350</u>	Totten Glacier, East Antarctic: Dynamics and Evolution	Fraser, Alexander - Antarctic Climate and Ecosystems Cooperative Research Centre, R1.2
<u>HYD3419</u>	Sea Ice Monitoring and Thickness Estimation from TSX/RS2 Polarimetric Products	Bernier, Monique - INRS, Eau, Terre et Environnement
HYD3500	Using TerraSAR-X imagery to map malarial mosquito habitats	Hardy, Andy - Aberystwyth University, Department of Geography and Earth Sciences
<u>LAN0284</u>	Hazard Deformation Monitoring using D-INSAR and TerraSAR-X Data	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
LAN0296	DeCOVER-Developing a methodology to update land cover data for public authorities in Germany	Buck, Oliver - EFTAS GmbH, N/A
<u>LAN0320</u>	Analysing Changes in the Seasonal Flow Patterns of a Polythermal Arctic Glacier through a Combination of Ground-Based Photogrammetry and Satellite Interferometry	Whitehead, Ken - University of Calgary, Geography
<u>LAN0337</u>	Integration of Multi-Frequency, Multi-Sensor, and Multi-Temporal Radar Data for Operational Annual Crop Inventory at the National Scale	Shang, Jiali - Agriculture and Agri-Food Canada, Research Branch
<u>LAN0343</u>	Comparison and integration of TerraSAR-X with optical remote sensing in estimating vegetation parameters in typical arid agroecosystems in Central Asia	Brinkmann, Katja - University of Kassel, Institute of Crop Science (INK)
<u>LAN0350</u>	Mapping urban structure for natural hazards in Santiago de Chile	Banzhaf, Ellen - UFZ- Helmholtz Centre for Environmental Research, Urban Ecology, Environmental Planning and Transport
<u>LAN0351</u>	Testing high-resolution Terra-SAR-X data to assess greenhouse gas emissions of thermokarst lakes in the Arctic A contribution to understanding arctic carbon dynamics during the IPY	Grosse, Guido - University of Alaska Fairbanks, Geophysical Institute
<u>LAN0365</u>	Dual-Polarized and Polarimetric Repeat Pass TerraSAR-X to Map and Monitor Tillage Activities on Agricultural Land in Canada	McNairn, Heather - Government of Canada, Agriculture and Agri-Food Canada
<u>LAN0371</u>	Tropospheric investigations with X-band polarimetric radar	Fritz, Jason - Colorado State University, Electrical and Computer Engineering
<u>LAN0378</u>	Comparison of Dual and Full Polarimetric Dataset Utilization for Land Cover classification and parameter extraction	Dhar, Tishampati - University of Adelaide, Electrical and Electronic Engineering
LAN0407	New Earth Observation technology for SEED production Monitoring (NEOSEEM)	Tigny, Vincent - GIM nv/sa, Earth Observation
<u>LAN0411</u>		Strozzi, Tazio - Gamma Remote Sensing, N/A

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	Survey of landslide activity, rockglaciers movement and surface glaciers velocity in the Swiss Alps	
<u>LAN0412</u>	Investigations of Polarimetric and Interferometric Properties of Different Types of Land Surfaces using TerraSAR-X data	Hajnsek, Irena - German Aerospace Center (DLR), Microwaves and Radar Institute
<u>LAN0440</u>	Northern SAR applications at the Canada Centre for Remote Sensing	Brisco, Brian - CCRS, EOGD
<u>LAN0452</u>	Advanced Differential Interferometry for Geohazard assessment in South Africa	Engelbrecht, Jeanine - Council for Geoscience, Western Cape
<u>LAN0464</u>	Fire severity assessment and vegetation recovery monitoring in Mediterranean environments using TerraSAR-X, ALOS PALSAR and ERS data	Tanase, Mihai Andrei - University of Melbourne, Geomatics
<u>LAN0481</u>	Polarimetry in urban areas	Schmitt, Andreas - DLR-DFD-US, Oberpfaffenhofen
LAN0491	Assessment of surface displacements in the urban area of Staufen	Schenk, Andreas - Karlsruhe Institute of Technology, Geodetic Institute
<u>LAN0499</u>	Environmental Impacts of Aquatic Weed in Equatorial Lakes on the Nile River	farghaly, dalia - lueneburg university, faculty III - campus suderburg
<u>LAN0500</u>	Using TerraSAR-X for the monitoring and modelling of snow cover dynamics and permafrost decline in Northern Quebec	Jagdhuber, Thomas - German Aerospace Center, Radar Concepts
<u>LAN0514</u>	Determining soil water erosion magnitude and intensity with high resolution SAR images of TerraSAR-X satellite.	Borkowski, Andrzej - Wroclaw University of Environmental and Life Sciences, Institute of Geodesy and Geoinformatics
<u>LAN0529</u>	The use of high resolution TerraSAR-X data for urban mapping	Hejmanowska, Beata - AGH University of Science and Technology, Department of Geoinformation, Photogrammetry and Remote Sensing of Environment
<u>LAN0533</u>	Observing Angkorian urban landscapes with TerraSAR-X	Sonnemann, Till - University of Sydney, Archaeology
<u>LAN0535</u>	Monitoring of landslides risks in Machu Picchu, UNESCO World Heritage Site, using InSAR techniques with TerraSAR-X data	MORA, Oscar - ALTAMIRA-INFORMATION, ALTAMIRA-INFORMATION
<u>LAN0559</u>	Ground fissures monitoring in Fenwei basin with TerraSAR-X data	Chaoying, Zhao - Changan University, College of engineering geology and geomatics
<u>LAN0563</u>	Crop identification using multi-frequency SAR data	Wu, Bingfang - Institute of Remote Sensing Applications, Chinese Academy of Science, Lab for Agriculture and Environment
<u>LAN0569</u>	DEM generation by Radargrammetry	Fischer, Christian - German Aerospace Center, German Remote Sensing Data Center
<u>LAN0578</u>	Critical Infrastructure Monitoring	Power, Desmond - C-CORE, Memorial University of Newfoundland
<u>LAN0586</u>	TerraSAR-X interferometry in the framework of the ESA DUE Permafrost	Strozzi, Tazio - Gamma Remote Sensing, N/A

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Project		
<u>LAN0591</u>	Testing, improving and validating algorithms for the retrieval of target forestry parameters using Terra-SAR X and Radarsat-2 data	Poncos, Valentin - Kepler Space Inc. / University of Calgary, SAR systems and exploitation
LAN0597	Integrative Use of RapidEye and TerraSar-X by Data Assimilation in Crop Production Models	Spannraft, Katharina - Vista Remote Sensing in Geosciences GmbH, n/a
<u>LAN0599</u>	Mapping and monitoring of the protected areas of the Bwindi National Park using TerraSAR-X data	Otukey, John Richard - Makerere University, Department of Geomatics and Land Management
<u>LAN0613</u>	Evaluation of Bangkok Land Subsidence using PSI on TerraSAR-X Images	Trisirisatayawong, Itthi - Chulalongkorn University, Department of Survey Engineering
<u>LAN0625</u>	X-POD Population dynamics in Sub-Saharan Refugee and IDP camps and their environmental footprints	Lang, Stefan - Paris-Lodron University Salzburg, Interfaculty Department of Geoinformatics - Z_GIS
<u>LAN0634</u>	Evaluation of DEM derived from TerraSAR-X data	Sögel, Uwe - Universität Stuttgart, Institut für Photogrammetrie
<u>LAN0638</u>	The use of TerraSAR-X quad and dual polarimetric data for target detection with a novel algorithm exploiting the polarization fork	Cloude, Shane - AEL Consultants, N/A
<u>LAN0652</u>	Assessment of the synergetic use of TerraSAR-X and RapidEye data for the classification and characterization of semi-arid regions	Eisfelder, Christina - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD), Land Surface (LAX)
<u>LAN0666</u>	Assessment of Landslide Dynamics and Spatio Temporal Evolution by X-Band Offset Tracking and InSAR (ALanDyn-X)	de Michele, Marcello - French Geological Survey (BRGM), Natural Risks Division
<u>LAN0671</u>	Estimation of Snow Parameters (SNOWPACK)	Hajnsek, Irena - German Aerospace Center (DLR), Microwaves and Radar Institute
<u>LAN0673</u>	Integration of TerraSAR-X, ALOS PALSAR and Landsat sensor data for biomass retrieval, Riau Province, Indonesia.	Hajnsek, Irena - German Aerospace Center (DLR), Microwaves and Radar Institute
<u>LAN0685</u>	CARE-X Change Detection Analysis for the Monitoring of NATURA 2000 habitats using Rapid Eye and TerraSAR-X satellite data	Schuster, Christian - TU Berlin, Institute of Landscape Architecture and
<u>LAN0697</u>	Investigation of the phenological impact on a transferable classification concept for multitemporal TerraSAR-X data (PI-X)	Pasternak, RenØ - Universität Stuttgart, Institut für Navigation
<u>LAN0701</u>	Assessing structural controls on ice shelf stability	Holt, Tom - Aberystwyth University, Centre for Glaciology
<u>LAN0710</u>	Multisource SVM Classification of Moorea Landcover using TerraSARX, Quickbird and DEM Data	Stoll, Benoit - French Polynesia University, GePaSud Laboratory
<u>LAN0712</u>	Interferometric Synthetic Aperture Radar (SAR) for investigating the terrain morphology, land cover and elevation of three sub-Antarctic	Mitchell, Anthea - University of New South Wales, School of Biological, Earth and Environmental Sciences

## Proposals

Islands		
<u>LAN0737</u>	Utilizing X-band differential SAR interferometry techniques for monitoring surface movements, induced by near-surface and deep fluid circulations in the Thuringian Basin, using TerraSAR-X data (INFLUTerra).	Thiel, Christian - Friedrich-Schiller University, Institute of Geography / Geoinformatics
<u>LAN0743</u>	GEO Forest Carbon Tracking product development for Validation Sites in Guyana and Borneo	Hoekman, Dirk - Wageningen University, Environmental Sciences
<u>LAN0750</u>	Forest Carbon Tracking in the Xingu headwater region, Mato Grosso, Amazon	Kellndorfer, Josef - The Woods Hole Research Center, N/A
LAN0755	Agricultural Intensity - Differentiation of agriculture/grassland and identification of crops by means of seasonal TerraSAR-X data	Esch, Thomas - German Aerospace Center, German Remote Sensing Data Center, Land Surface
<u>LAN0778</u>	Monitoring Ground Deformation Caused by Mining Activities with TerraSAR-X	Poenaru, Violeta Domnica - Romanian Space Agency, Space Applications
<u>LAN0783</u>	Monitoring forest recovery after fire and biomass estimation in a Mediterranean Island using SAR and optical data	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>LAN0793</u>	DEM generation over Mount Tai (China)	Balz, Timo - Wuhan University, LIESMARS
<u>LAN0814</u>	Remote Sensing Based Debris-Cover & Motility Analysis of Chhota-Shigri Glacier, Himalaya	Tiwari, Reet Kamal - Indian Institute Of Technology, Earth Sciences
<u>LAN0820</u>	Monitoring subsidence associated with 2010 largedrought in the country's southwestusing TerraSAR	Feng, Guangcai - Central South University, Department of Geomatics, School of Geosciences and Info-Physics
<u>LAN0860</u>	Spatio-Temporal Monitoring of Urbanization	Taubenböck, Hannes - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD)
<u>LAN0861</u>	Evaluation of InSAR Potentialities in waste management	Margarit, Gerard - GMV Aerospace and Defense, S.A.U., Science and Earth Observation Processing Systems
<u>LAN0896</u>	Global Urban Footprint - A world wide inventory of human settlements	Esch, Thomas - German Aerospace Center, German Remote Sensing Data Center, Land Surface
<u>LAN0955</u>	3D reconstruction of building from Very High Resolution SAR and optical data by using Object-Oriented Image Analysis technique	Bijker, Wietske - Twente University, Faculty ITC, Earth Observation Science (EOS)
<u>LAN0960</u>	Investigation of snow backscatter at a boreal environment for the ESA CoReH2O mission related NoSREx campaign	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>LAN1047</u>	Multi-Frequency SAR for Crop Acreage Estimation	SHANG, JIALI - Agriculture and Agri-Food Canada, Research Branch
<u>LAN1058</u>	Monitoring of surface subsidence induced by metro tunneling	Dehghani, Maryam - K. N. Toosi University of technology, Faculty of Geodesy and Geomatics

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<u>LAN1085</u>	Assessment of fusion of optical and radar high resolution satellite images for generating large scale map	goodarz, farhad - MSc student of photogrammetry and remote sensing, K.N.toosi.university
<u>LAN1123</u>	Improving Semi-natural Grassland Administration with TerraSAR-X	Voormansik, Kaupo - University of Tartu, Space Technologies Workgroup
<u>LAN1124</u>	PSInSAR deformation assessment using corner reflectors	Halounova, Lena - Czech Technical University, Civil Engineering, Mapping and Cartography
<u>LAN1130</u>	Stability Evaluation of a Highway over Undermined Area in Ostrava	Lazecky, Milan - VSB-TUO, Institute of Geoinformatics
<u>LAN1145</u>	TSX InSAR data for creeping landforms detection and monitoring in Alpine periglacial environment at different resolution scales (Western Swiss Alps, Switzerland)	Barboux, Chloë - University of Fribourg, Department of Geosciences, Geography
<u>LAN1170</u>	Taking the pulse of UNESCO's World Heritage sites including tropical forests	Radoux, Julien - UniversitØ catholique de Louvain, Earth and Life Institute
<u>LAN1173</u>	Monitoring the Mining Subsidence by D-InSAR and SBAS technique	Hongdong, Fan - China University of Mining a. Technology, School of Environment a. Spatial Inf.
<u>LAN1185</u>	Detection and monitoring of subsidence caused by underground mining in central China with TerraSAR-X	Riedel, Björn - TU Braunschweig, Institut fuer Geodaesie und Photogrammetrie
<u>LAN1209</u>	Habitat Identification of Malaria Vectors: Northern South America/Caribbean	Fuller, Douglas - University of Miami, Geography
<u>LAN1214</u>	Analysis of the evolving velocity field at Columbia Glacier, AK, USA	ONEEL, Shad - U. S. Geological Survey, University of Colorado Boulder, Alaska Science Center
<u>LAN1229</u>	Monitoring agricultural surfaces using TerraSAR-X data integrated in the Kalideos OSR MiPy database	SELLE, Arnaud - CNES, DCT/SI/AP
<u>LAN1238</u>	Economic-ecological evaluation of the climatic effectiveness of peatlands in the state of Baden- Wuerttemberg (Germany)	Kalia, Andre - BGR, Remote Sensing Unit
<u>LAN1240</u>	Investigation on the use of high-resolutionspaceborne radar data for area-based seismic damage estimation in urban areas.	DellAcqua, Fabio - University of Pavia and EUCENTRE, Electronics
<u>LAN1247</u>	Monitoring of landslides using data of different SAR satellites: A case study of the Great Caucasus region.	Mikhailov, Valentin - Schmidt Institute of physics of the Earth, Russian academy of sciences, Joint analysis of satellite and surface data
<u>LAN1257</u>	Spatial-temporal changes in surface velocity of surging glacier	Furuya, Masato - Hokkaido University, Department of Natural History Sciences
<u>LAN1276</u>	InSAR versus field observations of mass wasting in the South Shetland islands, Antarctic Peninsula (INFIELD)	Vieira, Goncalo - University of Lisbon, Centre of Geographical Studies - Institute of Geography and Spatial Planning
<u>LAN1283</u>	Joint Experiment for Crop Assessment and Monitoring (JECAM) - Argentina site	de Abelleira, Diego - National Institute of Agricultural Technology (INTA), Climate and

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		Water Institute
<u>LAN1301</u>	PSI & TomoSAR stack fusion over Las Vegas	Balz, Timo - Wuhan University, LIESMARS
LAN1319	Geothermal imaging	Masson, Fr�d�ric - University of Strasbourg, EOST/IPGS
<u>LAN1331</u>	Remote Unmanned Site Monitoring for Soil Instability and Permafrost Degradation	Power, Desmond - C-CORE, Memorial University of Newfoundland
<u>LAN1335</u>	Monitoring of surface subsidence induced by over-exploitation of ground water	Mirshahi, Fatemeh - K.N.Toosi University of Technology, Faculty of Geodesy and Geomatics Engineering
LAN1356	Detecting 2D and 3D Changes from Multi-Modal, Multi-Temporal Satellite Data for Updating Cadastral Maps	Karantzalos, Konstantinos - National Technical University of Athens, Remote Sensing Laboratory
<u>LAN1363</u>	Remote sensing based assessment of agricultural land use in West Africa	Thiel, Michael - University of Wuerzburg, Geographical Institute, Department of Remote Sensing
<u>LAN1393</u>	Soil moisture variability mapping in the Malinda wetland using TerraSAR data	Kuria, David - University of Bonn, Geography
<u>LAN1399</u>	Crop classification using high resolution optical data and multi-frequency SAR data in the framework of JECAM	Wu, Bingfang - Institute of Remote Sensing Applications, Chinese Academy of Science, Lab for Agriculture and Environment
<u>LAN1403</u>	Partial Polarimetric SAR for Land Cover Monitoring	Schmitt, Andreas - DLR-DFD-US, Oberpfaffenhofen
<u>LAN1406</u>	Belgian Collaborative Agriculture Monitoring at parcellevel for sustainable cropping systems - JECAM belgian site	Leonard, Aline - Universite catholique de Louvain UCL, Earth and Life Institute ELI-e
<u>LAN1425</u>	Mining area subsidence monitoring by InSAR-GIS integration	CHEN, Bingqian - China University of Mining and Technology, School of Environment Science
<u>LAN1426</u>	Detection and monitoring of French south alps rockglaciers using TSX D-InSAR data.	Echelard, Thomas - Gipsa-Lab, Images et Signal
<u>LAN1429</u>	<b>Synergistic use of very high resolution optical and TerraSAR-X data for studying ecological corridors</b>	Corgne, Samuel - LETG Rennes COSTEL UMR 6554 CNRS, Geography
<u>LAN1444</u>	Ground Subsidence in Bucharest, Romania based on Historical and Recent Data	Armas, Iuliana - University of Bucharest, Faculty of Geography
<u>LAN1499</u>	Geodetic determination of surface deformation due to resource extraction in Australia	Garthwaite, Matthew - Geoscience Australia, Geodesy and Seismic Monitoring Branch
<u>LAN1504</u>	Woody cover, height, and biomass assessment in savannas of the Greater Kruger National Park region, South Africa, using TerraSAR-X and TanDEM-X products	Naidoo, Laven - Council for Scientific and Industrial Research, Natural Resources and Environment - Earth Observation Unit
<u>LAN1575</u>	Multi-frequency SAR for soil moisture retrieval	McNairn, Heather - Canadian Federal Government, Agriculture and Agri-Food Canada

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<u>LAN1613</u>	Critical sites monitoring using TerraSAR-X data	Patrascu, Carmen - University Politehnica of Bucharest, Appl. Electronics and Information Engineer.
<u>LAN1621</u>	Monitoring Earth Surface Fissures Induced by Mining Using High Resolution TerraSAR-X Data	Bian, Zhengfu - China University of Mining and Technology, Environment Sc. and Spatial inform.
<u>LAN1637</u>	Remote Sensing Mapping of Arid Zone Vegetation	Bruce, David - University of South Australia, Barbara Hardy Institute
LAN1674	InSAR for measuring surface displacement at dams and reservoirs slopes	Cetinic, Frano - Globesar, N/A
<u>LAN1690</u>	Synergetic use of very high resolution optical and TerraSAR-X data for bare soils characterization in a fragmented area	Allain-Bailhache, Sophie - University of Rennes 1, I.E.T.R.
<u>LAN1691</u>	Exploitation of TSX interferometric data for landslides monitoring in civil protection scenarios	Manunta, Michele - IREA-CNR, N/A
LAN1694	Landslide displacement prediction model from site grounddisplacement monitoring with SAR stacking	Wang, Kuo-Lung - National Chi Nan University, Civil Engineering
<u>LAN1733</u>	Detection of archaeological sites in the Jordan desert	Hanssen, Ramon - Delft University of Technology, Dept. of Earth Observation and Space systems
<u>LAN1783</u>	Tolbachik volcano	Efimov, Sergey - AEROCOSMOS, Department of Education and Science
<u>LAN1910</u>	Ice velocity mapping in Antarctica and Greenland	Scheuchl, Bernd - University of California, Irvine, Department of Earth System Science
<u>LAN1920</u>	Tanzania, radargrammetry for forest monitoring	Solberg, Svein - Norwegian forest research institute, forest ecology
<u>LAN1932</u>	Integration of remote sensing techniques and information on ecosystem services to measure tropical forest degradation - A case study from the tropical rain forest of Ecuador.	Delgado, Jeaneth - Freiburg University, Chair of Landscape Management
<u>LAN1942</u>	Application of TerraSAR-X, Sentinel-1, and future ALOS-2.PALSAR for modelling of soil-vegetation parameters controlling carbon balance in wetlands and agriculture areas.	Dabrowska - Zielinska, Katarzyna - Institute of Geodesy and Cartography, Remote Sensing
LAN1976	TerraSAR X for monitoring large-scale construction projects	Vu, Tuong Thuy - University of Nottingham, Malaysia campus, Geography
<u>LAN1988</u>	Monitoring of Sighisoara UNESCO World Heritage Site Using Space Technologies	Dana, Iulia Florentina - Romanian Space Agency, Space Applications
<u>LAN2000</u>	Wetland monitoring and water stress in sub-Saharan West-Africa	Moser, Linda - German Aerospace Center (DLR), German Remote Sensing Data Center
<u>LAN2019</u>	Synergy of Synthetic Aperture Radar (SAR) and multispectral remote sensing data to derive bio-physical and bio-chemical parameters of cropland agriculture and grassland	Roth, Achim - DLR, DFD

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LAN2041	Champlain Bridge Monitoring using TerraSAR-X	Ghuman, Parwant - 3v Geomatics Inc., Research and Development
LAN2045	Interferometric SAR for Permafrost Infrastructure Monitoring in the Canadian North	Sharma, Jayanti - MDA Systems Ltd., Research and Development
<u>LAN2068</u>	Tomographic SAR for Urban infrastructure monitoring Using TerraSAR-X Data	Zhu, Xiaoxiang - Remote Sensing Technology Institute (IMF), German Aerospace Center (DLR), SAR signal processing
<u>LAN2080</u>	Spaceborne and ground observation of Icelandic Glaciers	Gourmelen, Noel - University of Edinburgh, School of GeoSciences
<u>LAN2085</u>	Asia rice crop monitoring for GEO GLAM observation phase 1	sobue, shinihci - RESTEC, planning department
<u>LAN2090</u>	Monitoring the Ecological Environment of Mining area by Multi-polar SAR Technique	Bian, Zhengfu - China University of Mining and Technology, Environment Sc. and Spatial inform.
<u>LAN2092</u>	Satellite-Acquired Synthetic Aperture Radar Data to Detect and Monitor Road Degradation from Heavy Truck Traffic	Necsoiu, Marius - Southwest Research Institute, Geosciences and Engineering Division
<u>LAN2100</u>	Synergies of TerraSAR-X and EnMAP data for monitoring of forest characteristics	Wendleder, Anna - German Aerospace Center , German Remote Sensing Data Center
<u>LAN2109</u>	PS-InSAR Analysis of Land Subsidence Related to Subway Construction and Earthquake over Urumqi in China	Xiong, Wenxiu - Central South University, School of Geosciences and Info-Physics
<u>LAN2156</u>	Potential of TerraSAR-X for agriculture monitoring	Hüt, Christoph - University of Cologne, Departement of Geography, GIS and Remote Sensing Group
<u>LAN2194</u>	Determining Disease Risk for Canola Using TerraSAR-X and RADARSAT-2	McNairn, Heather - Canadian Federal Government, Agriculture and Agri-Food Canada
<u>LAN2200</u>	Triggered seismicity due to quarry activity and mining	Lohman, Rowena - Cornell University, Earth and Atmospheric Sciences
<u>LAN2205</u>	Crop classification based on multitemporal SAR and optical data.	Bargiel, Damian - Technische Universität Darmstadt, Fachgebiet für Fernerkundung und Bildanalyse
<u>LAN2229</u>	Study of urban subsidence phenomena based on spaceborne Interferometric Synthetic Aperture Radar (InSAR) and hydrogeological-geotechnical modeling	Teleaga, Delia Cosmina - Advanced Studies and Research Center, Remote Sensing
<u>LAN2267</u>	The use of High-Res SAR data for the reconstruction of ancient drove-roads in Southern Italy	Heitz, Christian - Leopold-Franzens-Universität Innsbruck, Institut für Archäologien
<u>LAN2280</u>	Remote Sensing of Impervious Surfaces in Tropical and Subtropical Areas	Hongsheng, Zhang - The Chinese University of Hong Kong, Institute of Space and Earth Information Science
<u>LAN2286</u>	Detecting and characterizing destabilized rockglaciers in the Central Andes of Chile and Argentina with TSX D-InSAR data	Bodin, Xavier - CNRS, Laboratoire EDYTEM
<u>LAN2292</u>	Forest resources mapping using TerraSAR-X stereo data	Karjalainen, Mika - Finnish Geodetic Institute, Remote Sensing and Photogrammetry



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<a href="#"><u>LAN2356</u></a>	Tomography and SAR Image Processing for Urban Mapping: Case Studies of Shanghai and Qingdao of China	Zhu, Xiaoxiang - Remote Sensing Technology Institute (IMF), German Aerospace Center (DLR), SAR signal processing
<a href="#"><u>LAN2376</u></a>	Monitoring of D48 highway and the surrounding slope by Persistent Scatterers Interferometry	Sustera, Jiri - Gisat, Sales and marketing department
<a href="#"><u>LAN2412</u></a>	CROP-X BIOPAR: Multitemporal monitoring and modeling of interactions between crop biophysical parameters, crop phenology, and X-band SAR backscattering	Villa, Paolo - CNR - IREA, Institute for Electromagnetic Sensing of the Environment
<a href="#"><u>LAN2567</u></a>	Space-based SAR Interferometry as a non-invasive method to monitor post-earthquake structural safety in Pengzhou City (Sichuan Province, China).	Parcharidis, Issaak - Harokopio University of Athens, Geography
<a href="#"><u>LAN2573</u></a>	Ice flow speed and mass changes in Northwest Greenland	Liu, Lin - The Chinese University of Hong Kong, Earth System Science Programme
<a href="#"><u>LAN2588</u></a>	Glacier change monitoring using X-band SAR	Lei, Huang - Institute of remote sensing and digital earth, Chinese academy of sciences, microwave remote sensing
<a href="#"><u>LAN2595</u></a>	Use of TerraSAR-X data for land cover estimation over a temperate region, South West of France	Frison, Pierre-Louis - Université Paris-Est Marne-la-Vallée, ESYCOM
<a href="#"><u>LAN2609</u></a>	Investigation of the usability of TerraSAR-X data for storm damage detection in forests	Schmitt, Andreas - DLR-DFD-US, Oberpfaffenhofen
<a href="#"><u>LAN2662</u></a>	Permafrost and thermokarst lakes monitoring on the Qinghai-Tibet plateau with high-resolution SAR images	Tang, Panpan - Institute of remote sensing and digital earth, Chinese academy of sciences, key laboratory of digital earth
<a href="#"><u>LAN2666</u></a>	Use of archived TerraSAR-X data for integrated high latitude permafrost monitoring - Part II	Bartsch, Annett - Vienna University of Technology, Department of Geodesy and Geoinformation
<a href="#"><u>LAN2698</u></a>	Improving forest inventory using RADARSAT-2 in a multi-sensor approach	Vaillancourt, Annie - AECOM Consultants Inc., Forestry
<a href="#"><u>LAN2724</u></a>	Geoarchaeology in northern Jordan II: identifying ancient fields in the context of soils and landscape geomorphology	Lucke, Bernhard - FAU Erlangen-Nuremberg, Institute of Geography
<a href="#"><u>LAN2752</u></a>	Generation of urban area and density maps of global mega-cities using X-band polarimetric data	Susaki, Junichi - Kyoto University, Graduate School of Engineering
<a href="#"><u>LAN2759</u></a>	Prediction of maize crop yield using TerraSAR-X data. A case study of Trans Nzoia county, Kenya	Kuria, Bartholomew Thiongo - Dedan Kimathi University of Technology, Institute for Geomatics, GIS and Remote Sensing
<a href="#"><u>LAN2794</u></a>	Niger Delta Environmental Monitoring	Gessner, Ursula - DLR, Land Surface
<a href="#"><u>LAN2817</u></a>	Multi-frequency SAR time series analysis for tropical forest inventory	Raggam, Hannes - Joanneum Research Forschungsgesellschaft mbH, Institute for Information and Communication Technologies
<a href="#"><u>LAN2827</u></a>	DELINEATION AND DIFFERENTIATION OF A TROPICAL FLOOD-PLAIN WETLAND USING MULTI-TEMPORAL MULTI-POLARIZED SAR	Kirimi, Fridah - University of Bonn, Geography, Remote Sensing Research Group

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	IMAGES, A CASE STUDY OF IFAKARA, TANZANIA.	
<u>LAN2851</u>	Assessment and Prediction of Land Surface Subsidence due to Underground Metal Mining in Hard Rock using integrated microwave remote sensing and geodetic techniques in Khetri Copper Complex.	ALAM, MOHAMMAD SOYEB - INDIAN SCHOOL OF MINES, DHANBAD, MINING ENGINEERING DEPARTMENT
<u>LAN2889</u>	Inner Niger Delta Ecosystem Analyses	Gessner, Ursula - DLR, Land Surface
<u>LAN2894</u>	Use of TerraSAR-X experimental mode for textural analysis over the forest of Landes de Gascogne region, France	Frison, Pierre-Louis - Universit� Paris-Est Marne-la-Vall�e, ESYCOM
<u>LAN2895</u>	Effectiveness of TerraSAR-X data in estimating Soil Moisture (SM) over different agricultural areas	Sekertekin, Alihsan - B�ent Ecevit University, Department of Geomatics Engineering
<u>LAN2932</u>	Classification of vegetation types for biosphere modeling	Lipping, Tarmo - Tampere University of Technology, Information Technology, Pori
<u>LAN2934</u>	CROP-X BIOPAR 2: Early season high resolution monitoring and modeling of crop biophysical parameters using X-band SAR backscattering	Villa, Paolo - CNR - IREA, Institute for Electromagnetic Sensing of the Environment
<u>LAN2940</u>	Micro-habitat usage under different predation risk pressures in natural populations of snowshoe hare.	Boudreau, Melanie - Trent University, Environmental and Life Sciences
<u>LAN2963</u>	SARfields - Determination of soil moisture in agricultural areas from SAR and InSAR processing	Born, Katrin - Spatial Business Integration GmbH, R and D
<u>LAN2979</u>	Coal mining-induced subsidence monitoring using multi-temporal TerraSAR-X data over Handan-Fengfeng mining area in Hebei, China	ZHANG, Bochen - The Hong Kong Polytechnic University, The Department of Land Surveying and Geo-Informatics
<u>LAN2999</u>	The identification and analysis of soil moisture effects from SAR and InSAR processing over agricultural areas using the integration of C- and X-band data	Iannacone, Jean Pascal - TRE Canada Inc., N/A
<u>LAN3001</u>	Forest height and aboveground biomass retrieval in tropical forests using multi-pass X- and C-band Pol-InSAR data	Siegert, Florian - Remote Sensing Solutions GmbH, N/A
<u>LAN3006</u>	Monitoring of Man-made Changes using Synergistic C- and X-band satellite data	Kiefl, Nadine - Airbus Defence and Space, Geo-Intelligence
<u>LAN3011</u>	Himalayan glacier dynamics and hazard assessment	Luckman, Adrian - Swansea University, School of the Environment and Society
<u>LAN3023</u>	Evaluation of glacier movement in the area of west Greenland using corner reflectors	Matouskova, Eva - Czech Technical University in Prague, Faculty of Civil Engineering, Department of Geomatics
<u>LAN3026</u>	Remote Sensing of vegetation dynamics at multiple scales	Schmidt, Michael - Queensland Government, Department of Science, Information Technology and Innovation
<u>LAN3028</u>	TerraSAR-X data for mapping glacial and periglacial processes in a latitudinal	Arigony-Neto, Jorge - Federal University of Rio Grande, Institute of Oceanography

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	transect from West Antarctic Ice Sheet to the Andes	
LAN3036	Improved Fire-Risk Management by integrating C-/X-Band SAR EO and environmental modeling in Canada	Niggemann, Fabian - Vista GmbH, Hydrology
<u>LAN3046</u>	High Resolution X-Band Observation of Archaeological Sites	Ullmann, Tobias - University of Wuerzburg, Physical Geography
<u>LAN3095</u>	Detecting informal settlements inside mega-cities by their structural characteristics in high-resolution SAR data	Wendleder, Anna - German Aerospace Center , German Remote Sensing Data Center
<u>LAN3106</u>	Applying TerraSAR-X Datasets to Geo-Hazards Monitoring over the major cities in Southern China	JIANG, Mi - Hohai Univeristy, School of Earth Science and Engineering
<u>LAN3114</u>	Contribution of very high resolution terraSAR-X data for studying wooded ecological corridors.	HUBERT-MOY, Laurence - LETG Rennes COSTEL-UniversitØ Rennes 2, Geography
<u>LAN3156</u>	TSX-Ecology	Dumitru, Octavian - DLR, MF-PBA
<u>LAN3165</u>	Radargrammetry for the Kilimanjaro region	Lange, Holger - Norwegian Institute of Bioeconomy Research, Terrestrial Ecology
<u>LAN3167</u>	TerraSAR-X Polarimetric Data for Precision Agriculture in Southeastern Anatolia Project Region	Caner, Demirpolat - TÜBİTAK UZAY Space Technologies Research Institute, Remote Sensing Group
<u>LAN3169</u>	Impact of water stress on wheat yields using SAR polarimetric data	ABDELFATTAH, RIADH - Higher School of Communications of Tunis (SupCom), Applied Mathematics and Communication Systems (MASC)
<u>LAN3172</u>	Multi-method non-linear deformation estimation of a water reservoir in suburban Shangdong	Balz, Timo - Wuhan University, LIESMARS
<u>LAN3176</u>	Wetland monitoring using X- and C-band SAR data	Riedel, Tanja - Friedrich-Schiller-University, Institute of Geography / Earth Observation
<u>LAN3180</u>	Spatial modeling of land subsidence vis-à-vis sea level rise in Karachi, Pakistan	KANWAL, Shamsa - The Hong Kong Polytechnic University, Department of Land Surveying and Geo-Informatics
<u>LAN3217</u>	Investigating the use of multi-frequency SAR for mapping soil and crop parameters	McNairn, Heather - Canadian Federal Government, Agriculture and Agri-Food Canada
<u>LAN3226</u>	Wetland Identification and Change Detection using a multi-sensor, multi-frequency Remote Sensing Approach	White, Lori - Natural Resources Canada, Natural Resources Canada
<u>LAN3228</u>	CROP-X BIOPAR 3: multi-temporal assessment of crop biophysical parameters using SAR and optical sensors	Villa, Paolo - CNR - IREA, Institute for Electromagnetic Sensing of the Environment
<u>LAN3247</u>	Combined TerraSAR-X and GNSS assessment of ground stability in Shenzhen (China) water reservoir	Motagh, Mahdi - Helmholtz Center Potsdam, GFZ, Geodesy and Remote Sensing
<u>LAN3278</u>	LIDAR Infrastructure Assessment	Sussmann, Theodore - University of Hartford, Civil Engineering

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<a href="#"><u>LAN3290</u></a>	X-band InSAR for evaluation of seasonal thaw settlement and erosion process in permafrost regions	Haghshenas Haghighi, Mahmud - GFZ German Research Center for Geosciences, Department of Geodesy
<a href="#"><u>LAN3293</u></a>	Detection of flooded areas in a time series of high resolution Synthetic Aperture Radar images using Curvelet transform and unsupervised classification.	Ajadi, Olaniyi - University of Alaska Fairbanks, Geology and Geophysics
<a href="#"><u>LAN3317</u></a>	Crop phenology and its relation to soil moisture; a case study of Ifakara, Tanzania and Nai Swamp, Kenya.	Kirimi, Fridah - University of Bonn, Geography, Remote Sensing Research Group
<a href="#"><u>LAN3322</u></a>	DEM generation and ground deformation measurement near A Gudiãa, Ourense (Spain)	Ramos Muguerza, Eduardo - University of Vigo, Natural Resources and Environmental Engineering
<a href="#"><u>LAN3332</u></a>	Monitoring the landslides and ground subsidence in the western USA (Washington, Oregon, northern California) and West Texas with time-series InSAR method	Kim, Jin-Woo - Southern Methodist University, Roy M. Huffington Department of Earth Sciences
<a href="#"><u>LAN3340</u></a>	Landslide Kinematic Measurements from TSX Data in Southwest Colorado	Madson, Austin - University of California - Los Angeles, Geography
<a href="#"><u>LAN3404</u></a>	Storm Damage Detection Trøndelag, TSX	Solberg, Svein - Norwegian Institute for Bioeconomy, Division for Forestry and Forest Resources, National Forest Inventory
<a href="#"><u>LAN3416</u></a>	Highlighting the impacts of oil activities in the Termit and Tin Toumma National Nature Reserve, Niger	Esch, Thomas - German Aerospace Center, German Remote Sensing Data Center, Land Surface
<a href="#"><u>LAN3437</u></a>	Complex large deformation monitoring based on pixel offset-tracking and Corner Reflectors in coal mining area	Liu, Zhenguo - China University of Mining and Technology, School of Environment Science and Spatial Informatics
<a href="#"><u>LAN3448</u></a>	Deriving hedgerow connectivity indices from SAR for biodiversity research	Radoux, Julien - Universit� catholique de Louvain, Earth and Life Institute
<a href="#"><u>LAN3494</u></a>	Monitoring of long-term changes of calving processes of the Pine Island Glacier, Amundsen Sea Embayment, West Antarctica	H�ppner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<a href="#"><u>LAN3497</u></a>	Crop growth stage estimation using SAR data	Li, Yifeng - AUG Signals, N/A
<a href="#"><u>LAN3520</u></a>	Fusing optical and synthetic aperture radar satellite images to assess forest change	Schreiber, Lukas - The University of British Columbia, Integrated Remote Sensing Studio
<a href="#"><u>MTH0275</u></a>	TOR (Tracking, Occultation and Ranging Cat. A Instrument Package) Team Proposal: Geodetic Imaging of Hazards with X-Band InSAR	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
<a href="#"><u>MTH0288</u></a>	Automatic Object Categorization in High Resolution SAR Data	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
<a href="#"><u>MTH0299</u></a>	Spectral characteristics preserving image fusion of TerraSAR-X and optical data	Ehlers, Manfred - University of Osnabr�ck, Institute for Geoinformatics and Remote Sensing (IGF)

## Proposals

<u>MTH0302</u>	Modeling and parameter estimation for further classification and recognition tasks, with application to urban/industrial scenes understanding.	Datcu, Mihai - German Aerospace Center (DLR), Remote Sensing Technology Institute (IMF)
<u>MTH0303</u>	TerraSAR-X feasibility study on preoperational crisis and disaster management support	Voigt, Stefan - DLR, US
<u>MTH0312</u>	Radiometric improvement of TerraSAR-X data without geometric resolution loss by using time series.	Romero, Rosana - Indra, Remote Sensing
MTH0329	Advancing exploitation capability with TerraSAR-X over DRDC Ottawa test sites	Mattar, Karim - DRDC Ottawa, Radar Applications and Space Technology (RAST)
<u>MTH0352</u>	Observing archaeoastronomical sites at Nabta Playa, Egypt with TerraSAR-X	Rosen, Paul - Jet Propulsion Laboratory, Radar Science and Engineering
<u>MTH0359</u>	TerraSAR-X study on preoperational crisis and disaster support for DeSecure	Gaehler, Monika - DLR, DLR - US
<u>MTH0366</u>	Wide bandwidth Interferometry	Eineder, Michael - DLR, IMF
<u>MTH0370</u>	Managing Volcanic Unrest - Volcano Fast Response System	Eineder, Michael - DLR, IMF
<u>MTH0373</u>	A model to Segment volcanic superficial deposits in volcanoes of Mexico using Aster and TerraSAR images.	Davila, Norma - UNIVERSIDAD AUTONOMA DEL ESTADO DE MEXICO, Faculty of Geography, Laboratory of Remote Sensing and Geographic Information S
<u>MTH0374</u>	Detection of active faults and determination of a vertical deformation model from InSAR and geodetic data for temporal variation corrections to geodetic leveling network.	Esquivel, Ruben - Instituto Nacional de Estadística y Geografía (INEGI), Geodetic Processing
<u>MTH0382</u>	Enhanced land cover classification using TerraSAR-X data and multiple classifier systems	Waske, Björn - Freie Universität Berlin, Institut für Geographische Wissenschaften
<u>MTH0384</u>	Development of methods for the use of spaceborne TerraSAR-X data within the scope of forest inventories	Koch, Barbara - Universität Freiburg, FELIS
<u>MTH0393</u>	TerraSAR-X High Resolution Spotlight Interferometry	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH0394</u>	TerraSAR-X Tomography based on High Resolution Spotlight Imaginary	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH0397</u>	Assessment of Multi-Chromatic techniques applied to wide-band SAR data	Veneziani, Nicola - Consiglio Nazionale delle Ricerche, ISSIA
<u>MTH0399</u>	TerraSAR-X Persistent Scatterer Interferometry based on High Resolution Spotlight Imaginary	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
MTH0401	Enabling the year-round monitoring of conflict zones through the use of imaging radar	Drake, Jonathan - American Association for the Advancement of Science, Science and Human Rights Program
<u>MTH0404</u>	TerraSAR-X ScanSAR Interferometry	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute

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<u>MTH0413</u>	FRA-SAR-2010: Application of Terra-SAR-X and multi parametric radar data to support the FAO Forest Resource Assessment 2010 (FRA-SAR 2010, Approved AO-project funding ref. FK 50EE0802).	Knuth, Ralf - Friedrich-Schiller-University of Jena, Department of Geography
<u>MTH0430</u>	Backscatter modelling for TerraSAR-X using full-waveform airborne laser scanning data	Doubkova, Marcela - Vienna University of Technology, Institute of Photogrammetry and Remote Sensing
<u>MTH0432</u>	Very-slow deformation assessment and monitoring in un-urbanised areas through X-band Persistent Scatterer Interferometry	CHIARADIA, Maria Teresa - Politecnico di Bari, Fisica
<u>MTH0453</u>	Monitoring of the hydro-power plant s canal	Gleich, Du an - University of Maribor, Faculty of Electrical Engineering and Computer Science, Laboratory for Signal processing and remote control
MTH0484	TerraSAR-X TOPS Mode Analysis	Mittermayer, Josef - DLR Oberpfaffenhofen, HR
<u>MTH0493</u>	Method for semi-automated forest mapping from Terrasar-X POL-Sar analysis and optical data	López Hernández, Juan Ygnacio - University of Freiburg, FELIS
<u>MTH0505</u>	Extraction of Ground Control Information from TerraSAR-X for improvement of location accuracy of optical satellite data	Müller, Rupert - DLR, IMF-PB
MTH0509	Winterkampagne 2009 (WUT-2009): Joint R&D project for evaluation of geospatial intelligence data.	Suess, Helmut - German Aerospace Center, Microwave and Radar Institute
<u>MTH0515</u>	Individual buildings monitoring processing High Resolution SAR acquisition by means of PInSAR.	Bianchi, Marco - Tele-Rilevamento Europa - T.R.E. s.r.l., N/A
<u>MTH0528</u>	Area-wide detection of mining related ground movements by combining multi-sensoral and multi-temporal DInSAR and PSI analyses	Busch, Wolfgang - TU Clausthal, IGMC, Dept. of Mine Surveying
<u>MTH0537</u>	New methods for high resolution data fusion	Reppucci, Antonio - Starlab SL, Space Applications
<u>MTH0544</u>	Buruli - Identification of environmental reservoirs and transmission pathways of Mycobacterium ulcerans	Weise, Kathrin - Jena-Optronik GmbH, JES
<u>MTH0554</u>	Speckle filtering of Terra SAR-X dual-polarization high-resolution imagery for terrain classification and geophysical parameter estimation	Hajnsek, Irena - German Aerospace Center, Microwaves and Radar Institute
<u>MTH0572</u>	Data Acquisition and Bistatic Focussing Using a Stationary Receiver	Nies, Holger - University of Siegen, Center for Sensorsystems (ZESS)
MTH0594	Large Infrastructure Monitoring using DInSAR and PInSAR (LIMoSAR)	Elias, Panagiotis - National Observatory of Athens, Inst. for Astronomy, Astrophysics, Space Applications and Remote Sensing
<u>MTH0628</u>	Archaeological research at Gheriat el-Garbia	Eineder, Michael - DLR, IMF

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<u>MTH0653</u>	TerraSAR-X radargrammetry based on High Resolution Spotlight Imaginary	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH0669</u>	Advanced PSI analyses for resolving non-uniform surface deformation in the vicinity of Gas- and CO2- Storage and Gas-exploitation	Knospe, Steffen - Clausthal University of Technology, Inst. of Geotechnical Engineering
<u>MTH0702</u>	Interferometric processing for stacks of TSX images	De Zan, Francesco - DLR, RK HR OP
<u>MTH0708</u>	TerraSAR-X Dike Monitoring with PSI	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH0715</u>	High-Precision Co-Registration of TerraSAR-X and RapidEye Data	Hellwich, Olaf - Technische Universität Berlin, Computer Vision and Remote Sensing
MTH0734	Development and validation of novel techniques for the estimation of snow cover parameters by using satellite SAR images	Notarnicola, Claudia - EURAC, Institute for Applied Remote Sensing
<u>MTH0741</u>	Integrated Arctic Monitoring from Space	Johnsen, Harald - Norut Informasjonsteknologi AS, Earth Observation
<u>MTH0749</u>	Infrastructure Monitoring with TerraSAR-X data	Fornaro, Gianfranco - National Research Council, Inst. for Electromagn. Sensing of the Environment
<u>MTH0767</u>	INVESTIGATING NEW METHODS FOR RAPID URBAN FLOOD ASSESSMENT USING TERRASAR-X DATA	Adams, Beverley - ImageCat Ltd, Research and Development
<u>MTH0768</u>	Monitoring Critical Infrastructure with TerraSAR-X DifInSAR: The Howard Hanson Dam	Jones, Cathleen - Jet Propulsion Laboratory, Radar Science and Engineering Section
<u>MTH0771</u>	Investigating geometric and radiometric characteristics of high resolution SAR data	Roth, Achim - DLR, DFD
<u>MTH0828</u>	Monitoring Gravitary and Structural Hazards by Quantitative X-band SAR Remote Sensing in the Rhône-Alpes Region	Vasile, Gabriel - French National Council for Scientific Research (CNRS), Grenoble-Image-sPeech-Signal-Automatics Lab
MTH0905	The Feasibility Study and Joint Research Activities for the Anticipated Mutual Cooperation in the Satellite Disaster Monitoring	Shimada, Masanobu - Japan Aerospace Exploration Agency, EORC, Space Applications Mission Directorate
<u>MTH0923</u>	Polarimetric characteristics analysis of ship target, azimuth ambiguities and sea clutter for ship detection by using TerraSAR-X images	Wang, Changcheng - Central South University, School of Info-Physics and Surveying Engineering
<u>MTH0948</u>	Fusion of optical and radar data	Palubinskas, Gintautas - DLR-MF, PB
<u>MTH1025</u>	Synthetic aperture radar tomography applied on TerraSAR-X data	Nannini, Matteo - DLR, SAR Technology
<u>MTH1028</u>	Partially supervised change detection in high resolution optical images and radar data for damage assessment after earthquake events	Buchholz, Tim - European Space Agency (ESA) ESRIN, EO Science, Applications and Future Technologies Department
<u>MTH1071</u>		

## Proposals

	Makeshift radar reflectors for a search & rescue scenario	Mattar, Karim - DRDC Ottawa, Radar Applications and Space Technology (RAST)
MTH1080	Detecting Shape and Change in Industrial Areas	Eineder, Michael - DLR, IMF
<u>MTH1091</u>	Multi-channel SAR Image Analysis	Eltoft, Torbjorn - University of Tromsø, Department of Physics and Technology
<u>MTH1103</u>	High-resolution water vapour retrieval in Africa with TerraSAR-X InSAR	Wright, Tim - University of Leeds, School of Earth and Environment
<u>MTH1113</u>	Using fusion of optical and radar data for object extraction	Palubinskas, Gintautas - DLR-MF, PB
<u>MTH1118</u>	TELEIOS: A Virtual Observatory for TerraSAR-X	Schwarz, Gottfried - DLR, MF-PB
<u>MTH1131</u>	Earth surface displacement measurements	Eineder, Michael - DLR, IMF
<u>MTH1153</u>	SAR-based methods for natural hazards and humanitarian crisis situations	Plank, Simon - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD)
MTH1175	Differential Interferometry using Crossing Orbits	Wollstadt, Steffen - German Aerospace Center, Microwaves and Radar Institute
MTH1183	Extraction of Geospatial Intelligence Information from Space Borne SAR Sensors	Hager, Manfred - DLR, Microwaves and Radar Institute, Department of Reconnaissance and Security
MTH1194	Investigation on change detection capabilities of space-borne SAR for specific maritime and land-based scenarios.	Hager, Manfred - DLR, Microwaves and Radar Institute, Department of Reconnaissance and Security
MTH1253	High Resolution with TerraSAR-X	Mittermayer, Josef - DLR Oberpfaffenhofen, HR
<u>MTH1262</u>	The Use of Synthetic Aperture Radar (SAR) for Conservation and Cultural Heritage Preservation	Evans, Diane - JPL, ESTD
<u>MTH1275</u>	Determining the size of the Zhamanshin Impact Event via SAR	Garvin, James - NASA, Sciences and Exploration Directorate (SED)
<u>MTH1289</u>	Monitoring sugarcane growth in Fiji using multi-temporal TerraSAR-X data	Melotte, Inge - I-MAGE Consult, Remote sensing
<u>MTH1293</u>	Near real-time deformation monitoring using TerraSAR-X data (this proposal is a logical extension of our previous proposal MTH0246)	Hanssen, Ramon - Delft University of Technology, Dept. of Earth Observation and Space systems
MTH1329	ACTIVE REMOTE SENSING FOR ARCHAEOLOGY: LIDAR AND RADAR	Altin Kurtcebe, Filiz - Istanbul Technical University, Geomatics Engineering
<u>MTH1340</u>	Monitoring levee subsidence in the Sacramento-San Joaquin Delta area using satellite radar interferometry	Fay, Emily - Stanford University, Geophysics
<u>MTH1344</u>	Data Provision for Education and Demonstration Purposes	Roth, Achim - DLR, DFD
<u>MTH1345</u>	Application of change detection to multi-temporal TerraSAR-X images for the monitoring of traffic jams and car parks	Zhu, Xiaoxiang - Remote Sensing Technology Institute (IMF), German Aerospace Center (DLR), SAR signal processing



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<u>MTH1355</u>	Railtrack- and infrastructure-monitoring along the Trans-Siberian Railway in the framework of the GP-AIMS project	Minet, Christian - Deutsches Zentrum für Luft- und Raumfahrt, MF-SAR
<u>MTH1382</u>	Monitoring of Rio Antirrio Bridge	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH1462</u>	Change detection in urban area by use of radargrammetry	Dubois, Clémence - KIT - Karlsruhe Institute of Technology, IPF - Institute of Photogrammetry and Remote Sensing
<u>MTH1486</u>	PSI urban deformation monitoring and support to CO2 storage experiments	Crosetto, Michele - CTTC - Centre Tecnològic de Telecomunicacions de Catalunya, Remote Sensing
<u>MTH1517</u>	Bistatic Tomography SAR Imaging Technology	Wang, Robert Yu - Chinese Academy of Sciences, Inst. of Electronics, Dep. of Space Microwave Remote Sensing System
<u>MTH1552</u>	Development, Verification and Application of new Geodetic Corrections for SAR Products	Eineder, Michael - DLR, IMF
MTH1585	Monitoring Newberry Crater for Enhanced Geothermal Systems Investigation	Vincent, Paul - Oregon State University, College of Earth Ocean and Atmospheric Sciences
<u>MTH1628</u>	Improvement of 4D SAR measurements using TerraSAR-X data	Patrascu, Carmen - University Politehnica of Bucharest, Appl. Electronics and Information Engineer.
<u>MTH1692</u>	Change Detection and Categorization in Time Series of HR SAR Satellite images	Boldt, Markus - Fraunhofer IOSB, Scene Analysis
<u>MTH1695</u>	Interferometric determination of subsidences in Prague city	Svobodova, Kvetoslava - Czech Technical University, Faculty of Civil Engineering, Mapping and Cartogr.
<u>MTH1711</u>	Development of a processing approach for large-area detection of surface deformation with Sentinel-1A/-1B and TerraSAR X based on a multi-reference point network	Knospe, Steffen - Clausthal University of Technology, Inst. of Geotechnical Engineering
<u>MTH1753</u>	Levee Health Monitoring: A Combined Study using TerraSAR-X and UAVSAR Imaging of the Sacramento-San Joaquin Delta	Jones, Cathleen - Jet Propulsion Laboratory, Radar Science and Engineering Section
<u>MTH1778</u>	Feasibility of applying space-borne SAR for earthquake tectonic investigation	Hager, Manfred - DLR, Microwaves and Radar Institute, Department of Reconnaissance and Security
<u>MTH1793</u>	Infrastructure Monitoring using High Resolution TerraSAR-X InSAR Stacks	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute
<u>MTH2011</u>	Landslide Vulnerability Model with TSX (LAVMO-TSX)	Elias, Panagiotis - National Observatory of Athens, Inst. for Astronomy, Astrophysics, Space Applications and Remote Sensing
<u>MTH2126</u>	Investigation on detection capabilities of space-borne SAR for maritime security	Hager, Manfred - DLR, Microwaves and Radar Institute, Department of Reconnaissance and Security
<u>MTH2374</u>	Space4Geography	

## Proposals

		Wolf, Nils - Pädagogische Hochschule Heidelberg (University of Education Heidelberg), Geography
MTH2380	Future SAR Modes	Younis, Marwan - DLR, RKO
MTH2610	ADVANCEMENTS IN ESTIMATING CROP GROWTH STAGES USING RADARSAT-2, TERRASAR-X AND RAPIDEYE DATA	Li, Yifeng - AUG Signals, N/A
<u>MTH2687</u>	Research on the Tomo-PSInSAR method for monitoring Hong Kong's Infrastructure and built environment using TerraSAR-X data	Lin, Hui - The Chinese University of Hong Kong, Institute of Space and Earth Information Science
MTH2730	Dynamical monitoring of ground subsidence along high-speed roads by using PSInSAR	Wu, Jicang - Tongji University, College of Surveying and Geo-Informatics
<u>MTH2732</u>	Urban DEM by stereoradargrammetric processing of TerraSAR-X Staring Spotlight data	Rossi, Cristian - DLR, IMF-SAR
<u>MTH2748</u>	Evaluation of carbon sequestration experiment in Kansas	Lohman, Rowena - Cornell University, Earth and Atmospheric Sciences
<u>MTH2790</u>	Advancing methods for rapid mapping of floods, landslides and fires	Martinis, Sandro - DLR, DFD
<u>MTH2881</u>	Development of methods for the assessment of water-related risks in southern Africa under global change conditions	Mück, Matthias - DLR, DFD-GZS
<u>MTH2907</u>	Point Identification in SAR Signals and Highly Accurate Positioning	König, Rolf - Deutsches GeoForschungsZentrum GFZ, Department 1: Geodäsie und Fernerkundung
<u>MTH2916</u>	DriveMark	Runge, Hartmut - DLR, IMF-BW
<u>MTH2971</u>	Monitoring of Electric power facilities safety with high-resolution TerraSAR-X data	Hu, Jun - Central South University, School of Geosciences and Info-Physics
MTH2972	Investigation of TSX Time Series for Security Applications	Suess, Helmut - German Aerospace Center, Microwave and Radar Institute
<u>MTH3003</u>	Investigation of TSX SAR-Signatures for the Evaluation with the National image Interpretation Rating Scale (NIIRS)	Suess, Helmut - German Aerospace Center, Microwave and Radar Institute
MTH3004	Multi-Application InSAR Integration (MI2) - CSA/DLR: C&X Band Initiative	McKay, Kathy - 3v Geomatics Inc., InSAR
MTH3009	Interferometric SAR Monitoring of Landslides on Biga Peninsula (Canakkale, NW Turkey) using TerraSAR-X data	Erenoglu, R. Cuneyt - Canakale Onsekiz Mart University, Geomatics Engineering
<u>MTH3105</u>	TomoSAR and D-TomoSAR technique applied in urban infrastructure 4D information monitoring	Lei, Pang - Beijing University of Civil Engineering and Architecture, Department of Remote Sensing Engineering, School of Surveying and Mapping Spatia
<u>MTH3159</u>	monitoring of ground subsidence caused by tunnel construction based on high resolution spotlight imagery	Adam, Nico - DLR Oberpfaffenhofen, Remote Sensing Technology Institute

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<u>MTH3174</u>	Investigation of radar backscatter from Arctic sea ice, oil spill, and oil spill look-alikes	Eltoft, Torbjorn - University of Tromsø, Department of Physics and Technology
<u>MTH3194</u>	High Resolution SAR for Cultural Heritage Monuments and Sites	Brcic, Ramon - DLR, MF-SAR
MTH3202	an improved DINSAR method for monitoring the inclination displacement of the power transmission towers	Wu, Baolong - University of Electronic Science and Technology of China, Institute of Automation Engineering
<u>MTH3206</u>	Satellite Monitoring of Post-Tensioned Bridges	Hoppe, Edward - Virginia Department of Transportation, Virginia Transportation Research Council
<u>MTH3241</u>	Prospection of Archaeological Sites in Peru Using TerraSAR-X Data	Kolodziej, Artur - Geophysik Consultancy, Geophysik Consultancy
MTH3256	Model based automatic target recognition on staring spotlight mode data	Anglberger, Harald - DLR, Microwaves and Radar Institute, Reconnaissance and Security
<u>MTH3257</u>	Azimuth Ambiguity Analysis of Staring Spotlight Data	Scheiber, Rolf - German Aerospace Center (DLR), Microwaves and Radar Institute - SAR Technology
<u>MTH3267</u>	Hong KongKowloon Proposal	Lei, Shi - Hong Kong Polytechnic University, Department of Land Surveying and Geo-Informatics
<u>MTH3311</u>	Joint target detection for multi-sensor image	Guangjiao, Zhou - Harbin Institute of Technology, School of Electronics and Information
<u>MTH3389</u>	Multi-Temporal analysis of VHR SAR data for the post-seismic damage assessment of the Mw. 6.0 earthquake in Italy (August 2016)	Esch, Thomas - German Aerospace Center, German Remote Sensing Data Center, Land Surface
<u>MTH3513</u>	Remote InSAR sensing for the identification of precursors to failure in infrastructure assets	Plank, Simon - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD)
<u>MTH3532</u>	Investigations into utilizing corner reflectors at the integrated geodetic reference network of Germany (GREF) to tie PSI results to GNSS coordinate time series within a well maintained geodetic reference frame.	Bäcker, Michael - Bundesamt für Kartographie und Geodäsie, Abteilung Geodäsie, Referat Integrierter Raumbezug
OCE0418	Demarine-S	Rosenthal, Wolfgang - Gauss, DeMarine
<u>OCE0470</u>	Developing and validating sea ice products over the Barents and Kara Seas using TerraSAR-X images	Mäkynen, Marko - Finnish Meteorological Institute, Marine Research
<u>OCE0478</u>	TerraSAR-X observations and mathematical modeling of the Adriatic bora wind and related wave field	Kuzmic, Milivoj - Rudjer Boskovic Institute, Department of Marine and Environmental Research
<u>OCE0506</u>	Study of ocean wave-spectrum evolution under gap-wind and hurricane conditions on Mexican coastal waters using high resolution TerraSAR-X imagery	Diaz Mendez, Guillermo - CICESE (Centro de Investigacion Cientifica y Educacion Superior de Ensenada), Physical Oceanography Department
<u>OCE0510</u>		

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	Assessment of offshore wind resource using TerraSAR-X and MM5	Kozai, Katsutoshi - Kobe University, Graduate School of Maritime Sciences
<u>OCE0532</u>	Detection and Discrimination of Icebergs, Ships and Sea Ice	Power, Desmond - C-CORE, Memorial University of Newfoundland
<u>OCE0633</u>	Small Immigrant Boats Detection	SILVA, VICTOR - European Commission (EC) - Joint Research Centre (JRC), Institute for the Protection and Security of the Citizen (IPSC)
<u>OCE0644</u>	Retrieval of sea-ice floe size distribution using TerraSAR-X data	Hwang, Byongjun - The Scottish Association for Marine Science, Sea ice
<u>OCE0969</u>	Sea ice characteristics from multi-frequency SAR	Kaleschke, Lars - University of Hamburg, KlimaCampus, Institute of Oceanography
<u>OCE0997</u>	Antarctic Sea Ice Thickness using Airborne LiDAR, Ultra-wideband Radar and TerraSAR-X data	Necsoiu, Marius - Southwest Research Institute, Geosciences and Engineering Division
OCE1041	Sea Ice Motion Parameters Estimation using Terra-SAR-X Data	Hamidi, Dimitri - DLR, IMF-GW
<u>OCE1042</u>	The use of TerraSAR-X data for retrieving coastal bathymetry maps	Pleskachevsky, Andrey - German Aerospace Center, Remote Sensing Technology Institute
<u>OCE1044</u>	Extreme oceanic weather situation observation using TerraSAR-X data	Li, Xiaoming - Chinese Academy of Sciences, Institute of Remote Sensing and Digital Earth
<u>OCE1045</u>	Offshore platform and shipping route oil pollution monitoring	Velotto, Domenico - German Aerospace Center, Remote Sensing Technology Institute (IMF)
<u>OCE1070</u>	Developing and validation of spectral and individual ocean wave parameters	Bruck, Miguel - DLR, IMF-GW
<u>OCE1107</u>	Investigation of sea ice breakup and freeze-up processes using high-resolution SAR and autonomous observation platforms	Hwang, Byongjun - The Scottish Association for Marine Science, Sea ice
<u>OCE1271</u>	Wave field retrieval from TSX data to estimate/forecast sea state and wave induced sea level rise.	Uiboupin, Rivo - Tallin University of Technology, Marine Systems Institute
<u>OCE1434</u>	Near Real Time Offshore platform oil pollution monitoring	Schwarz, Egbert - DLR, DFD
<u>OCE1503</u>	Calving rates and impact on sea level (CRIOS)	Luckman, Adrian - Swansea University, School of the Environment and Society
<u>OCE1592</u>	Monitoring of fast and sea ice in Atka Bay, Antarctica	Wesche, Christine - Alfred Wegener Institute, Logistics
<u>OCE1681</u>	Mapping and characterisation of sea ice in the northern sector of the Antarctic Peninsula	Floricioiu, Dana - DLR, IMF
<u>OCE1777</u>	Sea-ice- thicknesses derived from TerraSAR-X Data	Lehner, Susanne - DLR Oberpfaffenhofen, MF SAR BF
<u>OCE1837</u>	Wave Processes in Arctic Seas Observations from TerraSAR-X	Gemmrich, Johannes - University of Victoria, Physics and Astronomy
<u>OCE1937</u>	Wind speed and direction from ocean surface structure; Initial collections	Robinson, Michael - American University, Mathematics and Statistics

## Proposals

<u>OCE1972</u>	Investigation of sea-ice and snow properties in the Weddell Sea, Antarctica, during winter	Willmes, Sascha - University of Trier, Environmental meteorology
OCE2015	Near real time ship and platform sourced oil spill monitoring and feature parameter evaluation	Singha, Suman - Deutsches Zentrum für Luft- und Raumfahrt, IMF
<u>OCE2072</u>	Investigation of the role of sea ice and snow properties on Antarctic krill distribution and condition in winter/spring using TerraSAR-X data	Busche, Thomas - German Aerospace Center (DLR), Microwave and Radar Institute, Radar Concepts Department
<u>OCE2082</u>	The use of TerraSAR-X data for classification of sea ice	Frost, Anja - German Aerospace Center, IMF
<u>OCE2116</u>	Tracking and prediction of the path of the Giant Pine Island iceberg	Bigg, Grant - University of Sheffield, Department of Geography
<u>OCE2134</u>	Sea ice monitoring and mapping in the sector southward of 60°S focussing on the Antarctic Peninsula area using high resolution TerraSAR-X radar data	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>OCE2164</u>	Sea State and Boundary Layer Physics of the Emerging Arctic Ocean-NRT campaign coverage	Lehner, Susanne - DLR Oberpfaffenhofen, MF SAR BF
<u>OCE2165</u>	Sea State and Boundary Layer Physics of the Emerging Arctic Ocean - long term marginal sea ice evolution	Lehner, Susanne - DLR Oberpfaffenhofen, MF SAR BF
<u>OCE2173</u>	Investigations of sea ice kinematics and deformation and its influence on iceberg drift in the Weddell Sea	Busche, Thomas - German Aerospace Center (DLR), Microwave and Radar Institute, Radar Concepts Department
<u>OCE2287</u>	Wind speed and direction from ocean surface structure; second collection	Robinson, Michael - American University, Mathematics and Statistics
<u>OCE2306</u>	Monitoring sea ice floe breakup in the marginal ice zone	Hwang, Byongjun - The Scottish Association for Marine Science, Sea ice
<u>OCE2582</u>	Investigation of feedback mechanisms between changing sea ice in the Russian shelf seas, the Transpolar Drift and the Fram Strait using a combination of field observations, model studies and satellite information	Busche, Thomas - German Aerospace Center (DLR), Microwave and Radar Institute, Radar Concepts Department
<u>OCE2616</u>	Melt impact on Ice shelf Dynamics And Stability (MIDAS)	Luckman, Adrian - Swansea University, School of the Environment and Society
<u>OCE2639</u>	Maritime Near Real Time Application Development	Schwarz, Egbert - DLR, DFD
<u>OCE2664</u>	Monitoring of the behaviour of sea ice around the Chilean research stations at the Antarctic Peninsula area between 60°S and 80°S	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>OCE2738</u>	Development and improvement of algorithms for automated coastline detection on TerraSAR-X images	Wiehle, Stefan - DLR, IMF SAR BF
<u>OCE2976</u>	Adaptation and testing of NRT algorithms for sea ice monitoring and mapping in the sector southward of 60°S	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)

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	using high resolution TerraSAR-X radar data	
<u>OCE2983</u>	Shiptac: Synergistic use of X- and C-band SAR-data for tactical ship route planning in Arctic Waters	Lang, Oliver - Airbus DS Geo GmbH, Geo-Intelligence
<u>OCE3024</u>	TerraSAR-X detection and characterization of surfactant films deployed in an inland water reservoir	da Silva, Jose - University of Porto, Geosciences, Environment and Spatial Planning
<u>OCE3047</u>	Oil Spill Detection using polarimetric features	Zonno, Mariantonietta - Deutsches Zentrum für Luft- und Raumfahrt (DLR), Microwave and Radar Institute
<u>OCE3060</u>	<b>Waves, wind and currents effect on the sea surface roughness characteristics and its application to the study of ocean-atmosphere interactions: Algorithms validation.</b>	Esquivel-Trava, Bernardo - Instituto de Investigaciones Oceanologicas - UABC, Physical Oceanography,
<u>OCE3083</u>	Quantification of water mass generation in the Filchner-Ronne outflow system during Polarstern expedition PS96 (FROSN - Filchner-Ronne Outflow System Now)	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>OCE3146</u>	Monitoring the Atka Bay and the surrounding ocean regions near the polar research station Neumayer III, Antarctica	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>OCE3173</u>	Improvement and validation of algorithms for automated bathymetry determination	Wiehle, Stefan - DLR, IMF SAR BF
<u>OCE3205</u>	Multimodal Internal waves observed with TerraSAR-X	da Silva, Jose - University of Porto, Geosciences, Environment and Spatial Planning
<u>OCE3207</u>	Development and improvement of algorithms for automated NRT ship detection and classification on TerraSAR-X images	Tings, Björn - DLR MF, SAR BF
<u>OCE3351</u>	Detection of highly vulnerable, small, non-metallic maritime vessels	Köster, Frank - Deutsches Zentrum für Luft- und Raumfahrt, Institut für Verkehrssystemtechnik / Abteilung Automotive
<u>OCE3373</u>	Monitoring of Antarctic sea ice during upcoming expeditions of RV Polarstern using TerraSAR-X data	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>OCE3382</u>	The Metocean Properties of Sub-Antarctic and Arctic Waters and Sea Ice	Jacobsen, Sven - German Aerospace Center (DLR), Remote Sensing Technology Institute
<u>OCE3467</u>	Sea ice mapping and coastal polynya monitoring in the Ross Sea, Antarctica, using high resolution TerraSAR-X data	Höpfner, Kathrin - German Aerospace Center (DLR), German Remote Sensing Data Center (DFD-LAX)
<u>RES0341</u>	Global Agricultural Monitoring systems by integration of earth observation and modelling techniques	Børiaux, Emilie - Université Catholique de Louvain, Research Laboratory in Environmetrics and Geomatics
<u>RES0448</u>	Investigation of seasonal changes in backscattering of natural objects by	Kutuza, Boris - Institute of Radio Engineering and Electronics, Remote sensing

## Proposals

	means of TerraSAR-X and multi-frequency IMARC SAR data	laboratory
<u>RES0518</u>	Forest regeneration monitoring using TerraSAR-X time-series	Kalogirou, Vasileios - European Space Agency, RSAC c/o, EOP-SA / EOP-SE
<u>RES0657</u>	Implementation of satellite data derived parameter for forest management planning and disaster control	Schneider, Thomas - Technische Universität München, Fachgebiet Waldinventur und nachhaltige Nutzung
<u>RES1068</u>	Characterisation of the radar response as a function of forest growth using TerraSAR-X data integrated in the Kalideos Littoral database	SELLE, Arnaud - CNES, DCT/SI/AP
<u>RES1201</u>	Forest Degradation Mapping with SAR Data in the Republic of the Congo	Rauste, Yrjö- VTT Technical Research Centre of Finland, VTT Information Technology
<u>RES1231</u>	Monitoring sugarcane using TerraSAR-X data integrated in the Kalideos Isle-RØunion database	SELLE, Arnaud - CNES, DCT/SI/AP
RES1236	Constraining the rheology of the earth's crust by interferometric radar measurements and numerical models at geothermal areas	Feigl, Kurt - University of Wisconsin-Madison, Geoscience
<u>RES1369</u>	Estimation of crops biomass using TerraSAR-X data in Navarre, Spain	Alvarez-Mozos, Jesus - Public University of Navarre, Projects and Rural Engineering
<u>RES1375</u>	Surface deformation in the Salton Sea Geothermal Field, southern California (USA)	Eneva, Mariana - Imageair Inc., N/A
RES1436	Sustainable Fishery Management and Illegal Unreported Unregulated Fishing (IUU)	Struck, Andreas - navama - technology for nature, N/A
<u>RES1513</u>	InSAR monitoring of Carbon Capture and Sequestration	Amelung, Falk - University of Miami, Division of Marine Geology and Geophysics
<u>RES1660</u>	Mapping and monitoring of snow-free areas and perturbed snow-pack associated with geothermally heated ground at Pilgrim Hot Springs, Alaska using TerraSAR-X High resolution Spotlight (HS) mode data.	Haselwimmer, Christian - University of Alaska Fairbanks, Geophysical Institute
<u>RES2132</u>	REStrateGIS - Design and development of a resource register for furnace heaps through the use of geographic information technologies and strategy development for the recovery of valuable materials	Teuwsen, Sebastian - EFTAS Fernerkundung GmbH, Remote Sensing
<u>RES2632</u>	Satellite-based estimation of the harvest amounts of grassland and forage	Siegmund, Robert - GAF AG, Image Processing
<u>RES3085</u>	Using TerraSAR-X data for Reducing Uncertainties of Near-shore wind resource Estimates (RUNE)	Karagali, Ioanna - DTU - Technical University of Denmark, DTU Wind Energy
<u>RES3104</u>	DIRECTCOMPARISON OF SPACEBORNE SAR AND ON-SITE LIDAR MEASUREMENTS OF SMALL-SCALE WIND VARIATIONS AROUND OFFSHORE WIND FARMS	Jacobsen, Sven - German Aerospace Center (DLR), Remote Sensing Technology Institute

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<u>RES3390</u>	Application of TerraSAR-X wind retrievals for studies of wind farm wakes and coastal wind speed gradients	Ahsbals, Tobias - Technical University of Denmark (DTU), Meteorology and Remote Sensing
<u>XXX0001</u>	Dummy proposal	Dummy, User - ,