

List of accepted Proposals (TSX-Archive-2012)

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
<u>CAL1744</u>	TSX radiometric calibration, phase calibration and pointing stability assessment by natural targets	Giudici, Davide - Aresys srl, SAR R&D area
<u>CAL2659</u>	Modeling on Influence Atmospheric Column Water Vapor at Values of Phase Delay Calculations in D-INSAR Method (TSX Sensor)	pakdaman, mohamad - Azad University, Remote Sensing and GIS
<u>COA1512</u>	Assessing changes of coastal environments with high resolutions TerraSAR-X data	Roth, Achim - DLR, DFD
<u>COA1536</u>	A comparative study of TerraSAR-X image characteristics over estuarine/coastal wetland for differentiating between annual and perennial halophyte species	Won, Joong-Sun - Yonsei University, Earth System Sciences
<u>COA1538</u>	Use of archive TerraSAR-X data for identification, characterization and discrimination of oceanic and atmospheric phenomena in coastal zones of inland seas	Ivanov, Andrei - Russian Academy of Sciences, Shirshov Institute of Oceanology, remote sensing
<u>COA1737</u>	Exploration the potentials of high resolution X-band SAR data in providing land surface displacements and wind fields in coastal zones.	Bovenga, Fabio - Consiglio Nazionale delle Ricerche, ISSIA, Bari
<u>COA1755</u>	Monitoring Seawall Deformation in Shanghai with TerraSAR-X	Balz, Timo - Wuhan University, LIESMARS
<u>COA1800</u>	Ground surface dynamics in the Venice Lagoon: five years of monitoring of natural tidal landforms and anthropogenic structures by TerraSAR-X	Tosi, Luigi - National Research Council, Institute of Marine Sciences
<u>COA1840</u>	Inter-tidalmapping in the Tagus estuary, Portugal, based on X-band TerraSARimages(InTiMap)	Nico, Giovanni - Consiglio Nazionale delle Ricerche (CNR), Istituto per le Applicazioni del Calcolo (IAC)
<u>COA1857</u>	Analysis and assessment of ship signatures and sea clutter in SAR images using TSX archived data	Guida, Raffaella - University of Surrey, Surrey Space Centre - Electronic Engineering
<u>COA1876</u>	A study on time-frequency and polarimetric methods for ship characterization	Tebaldini, Stefano - Politecnico di Milano, DEI
COA2246	TerraSAR-X interferometric observations of urban infrastructures in Metropolitan areas, Australia	Negin , Fouladi Moghaddam - Ph.D. student , Civil Engineering Department, Monash University
<u>GEO1514</u>		

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	Studying pre-eruptive volcanic processes with TerraSAR-X InSAR	Amelung, Falk - University of Miami, Division of Marine Geology and Geophysics
<u>GEO1521</u>	Modeling of surface deformation by DInSAR technique in the active volcanic Deception Island (Antarctica) and comparative analysis with existing models GNSS-GPS.	Barbero Guerrero, Ignacio - University of Cadiz, mathematics
<u>GEO1523</u>	Archived data to constrain glacier velocities in Alaska, Patagonia, and the Russian Arctic	Pritchard, Matthew - Cornell University, Earth and Atmospheric Science
<u>GEO1545</u>	High-resolution time series analysis to investigate land subsidence in the Pearl River Delta using multi-satellite radar imagery	Hua, Wang - Guangdong University of Technology, Department of Surveying Engineering
<u>GEO1546</u>	Quantifying the flow of Karakoram glaciers	Quincey, Duncan - University of Leeds, School of Geography
<u>GEO1548</u>	Evolution of land subsidence from high resolution TSX imagery with multiple InSAR techniques	Li, Zhenhong - Newcastle University, School of Civil Engineering and Geosciences
<u>GEO1554</u>	TerraSAR-X Archive Data to Support the Australian Geophysical Observing System	Garthwaite, Matthew - Geoscience Australia, Geodesy and Seismic Monitoring Branch
<u>GEO1589</u>	Use of SAR-satellite data to monitor and model landslides and subsidence hazards	Notti, Davide - University of Pavia, Department of Earth and Environmental sciences
<u>GEO1598</u>	Study of andesitic strato-volcanoes topographic changes and deformation through high-resolution SAR imagery	Pinel, Virginie - ISTerre-Universit� de Savoie-IRD-CNRS, N/A
<u>GEO1599</u>	FEM numerical simulation of seismic deformation along Altyn Tagh Fault constrained by InSAR	Wang, Chisheng - The Hong Kong Polytechnic University, Dep. of Land Surveying and Geo-Informatics
<u>GEO1600</u>	Urban subsidence and change monitoring in the city of Barcelona	Mallorqui, Jordi J. - Universitat Polit�cnica de Catalunya (UPC), Signal Theory and Communications
<u>GEO1601</u>	Seismic deformation of Tangshan city monitoring by TerraSAR data	Feng, Guangcai - Central South University, Department of Geomatics, School of Geosciences and Info-Physics
<u>GEO1609</u>	Investigate earthquake faulting process and crustal dynamics in southern California using high-resolution TerraSAR-X data	Liu, Zhen - Jet Propulsion Laboratory, California Institute of Technology, Solid Earth Group
<u>GEO1615</u>	TerraSAR-X archive data exploitation for ground deformation monitoring in the Neapolitan Volcanic District	Borgstrom, Sven - Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio

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		Vesuviano
<u>GEO1616</u>	Ground deformation monitoring due to aquifer ground water exploitation and expansive soils in Madrid (Spain)	Tom/Es-Jover, Roberto - University of Alicante, Ingeniería de la Construcción, OO.PP. e Infraestructura Urbana
<u>GEO1634</u>	InSAR investigation of the crust deformations and city subsidence in the vicinity of Sofia district using TerraSAR-X data	ILIEVA, Maya - University of Architecture, Civil Engineering and Geodesy, Department of Geodesy and Geoinformatics
<u>GEO1684</u>	investigating the mutual relation of volcano-tectonic activities with liquefaction and subsidence of mega cities from space	Shirzaei, Manoochehr - Arizona State University, School of Earth and Space Exploration
<u>GEO1703</u>	Quantification of rapid ice-cap and glacier surface change and flow dynamics in Iceland	Jordan, Colm - British Geological Survey, Earth and Planetary Observation and Monitoring
<u>GEO1713</u>	Contemporary crustal deformation in the western Basin and Range, USA	Bell, John - University of Nevada, Nevada Bureau of Mines and Geology
<u>GEO1742</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>GEO1745</u>	Mapping of earth surface changes on the tibetan plateau	Riedel, Björn - TU Braunschweig, Institut fuer Geodaesie und Photogrammetrie
<u>GEO1749</u>	SAR change detection methodologies for event landslide mapping	Mondini, Alessandro - CNR - National Research Council, IRPI
<u>GEO1752</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>GEO1769</u>	Volcanic deformation around Kamchatka volcanoes detected by TerraSAR-X InSAR	Ji, Lingyun - China Earthquake Administration, Second Crust Monitoring and Application Center
<u>GEO1775</u>	Active Tectonics and Non-Tectonic Surface Deformation of Central California from TerraSAR-X Interferograms	Büggmann, Roland - University of California, Berkeley, Department of Earth and Planetary Science
<u>GEO1785</u>	Recent volcanic activity in the southernRed Sea studied using high- resolution TerraSAR-X data	Wenbin, Xu - King Abdullah University of Science and Technology, Earth Science and Engin.
<u>GEO1796</u>	New Orleans subsidence detected by X-band observations	Wdowinski, Shimon - Florida International University, Earth and Environment

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<u>GEO1817</u>	Seasonal Landslide Monitoring in California, USA	Schmidt, David - University of Washington, Earth and Space Sciences
<u>GEO1833</u>	Identification of Geomorphological lahars patterns on stratovolcanoes of Central and South America using TerraSAR-X data.	Davila, Norma - UNIVERSIDAD AUTONOMA DEL ESTADO DE MEXICO, Faculty of Geography, Laboratory of Remote Sensing and Geographic Information S
<u>GEO1850</u>	Study on the geometry and tectonics of Yadong-Gulu rift(Tibet) by TSX and GPS measurements	Xuejun, Qiao - Institute of Seismology,China Earthquake Administration, Geodesy
<u>GEO1856</u>	Landslide deformation monitoring in Three Gorges area with archived Spotlight-mode TerraSAR-X data stack	Zhang, Lu - Wuhan University, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote
<u>GEO1860</u>	Utilization of TerraSAR-X Data to Monitor Surface Deformations by DInSAR Technique in the Pull-Apart Basin in Bursa,Turkey	Kemaldere, Hüeyin - Büent Ecevit University, Hazard Application and Research Center
<u>GEO1866</u>	Deformation along the coast of central Chile following the great 2010 megathrust earthquake	Ryder, Isabelle - University of Liverpool, Earth, Ocean and Ecological Sciences
<u>GEO1871</u>	Mapping blind faults and subsidence regions in North China by combing TerraSAR-X InSAR time series with C/L-band InSAR systems and GPS data	Sun, Jianbao - Institute of Geology, China Earthquake Administration, Lab. Earthquake Dyanamics
<u>GEO1872</u>	Postseismic deformation across the Wenchuan earthquake fault from TerraSAR-X InSAR analysis	Sun, Jianbao - Institute of Geology, China Earthquake Administration, Lab. Earthquake Dyanamics
<u>GEO1878</u>	Unraveling present-day deformation around the eastern and western syntaxes of the Himalayan range	Barbot, Sylvain - Nanyang Technological University, Earth Observatory of Singapore
<u>GEO2023</u>	Archive for time series of dynamic landsliding in the Berkeley Hills, California	Bürgmann, Roland - University of California, Berkeley, Department of Earth and Planetary Science
<u>HYD1474</u>	Using Archived TerraSAR-X for Studying Fast Ice Flow	Joughin, Ian - University of Washington, Polar Science Center
<u>HYD1509</u>	Land subsidence in urban areas of the Southwestern US and northern Mexico	Amelung, Falk - University of Miami, Division of Marine Geology and Geophysics
<u>HYD1557</u>	Validation of Garonne River water extent from hydrodynamic models with TerraSAR-X images	Biancamaria, Sylvain - CNRS - LEGOS, GOHS
<u>HYD1612</u>		

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	Monitoring of land subsidence in Indonesian cities, using a combination of TerraSAR-X InSAR and continuous GPS	Hill, Emma - Earth Observatory of Singapore, Division of Earth Sciences, Nanyang Technological University
<u>HYD1625</u>	Monitoring of Water Resources and Hydrology in a Gold Mining area using TerraSAR-X data in Eastern Uganda	Barasa, Bernard - Makerere University, Geographical Information Systems
<u>HYD1724</u>	Dynamics and subglacial processes of Greenland and Baffin Bay outlet glaciers	Scharrer, Kilian - ENVEO IT GmbH, N/A
<u>HYD1731</u>	Long-term monitoring of lakes in the northern central European lowlands in Germany and Poland	Heine (nee Kleine), Iris - GFZ, German Research Centre For Geosciences, Section 1.4 Remote Sensing
<u>HYD1740</u>	Demand-driven observation of soil moisture A multi-sensor approach	Schröder, Ingmar - Helmholtz Centre for Environmental Research, Monitoring and Exploration Technologies
<u>HYD1763</u>	GlacPolar - Glaciological parameters from TerraSAR-X repeat imagery	Braun, Matthias - Universität Erlangen-Nürnberg, Geographisches Institut
<u>HYD1788</u>	HKH - Ice dynamics and surface velocities from TerraSAR-X repeat imagery	Braun, Matthias - Universität Erlangen-Nürnberg, Geographisches Institut
<u>HYD1808</u>	Comparison of ice sheet flow rate obtained from X-band SAR with that from L-band SAR	Doi, Koichiro - National Institute of Polar Research, Division for research and education
<u>HYD1819</u>	Use of TerraSAR-X archive data for water resources management in semi-arid regions	Ruello, Giuseppe - University of Napoli, Dep. of Biomedical, Electronic and Telecom. Engineering
<u>HYD1843</u>	High Spatio-temporal Resolution Surface Change of Major Glaciers From TerraSAR-X	Braun, Alexander - Queens University, Geological Sciences and Geological Engineering
<u>HYD1851</u>	Synergistic use of TerraSAR-X and optical remote sensing for habitat mapping in the Amazon River floodplain and adjacent upland areas (Brazil)	Seyler, Frødørique - Institut de recherche pour le développement, Centre IRD de Guyane
<u>HYD1864</u>	Dynamic Response of Glaciers on the Antarctic Peninsula to Climate Warming	Rott, Helmut - ENVEO IT, N/A
<u>HYD1882</u>	Glaciers dynamics in Antarctica and Ny-Alesund with TerraSAR-X Data	ZHOU, Chunxia - Chinese Antarctic Center of Surveying and Mapping, Wuhan University
<u>HYD1887</u>	Monitoring glacier mass balance and ice dynamics at different Latitudes	Nagler, Thomas - ENVEO, N/A
<u>HYD1892</u>	Using TerraSAR-X to Monitor Highly Discharging Aquifers In Hyper-Arid Environments: Case	Normand, jonathan - Université du Québec a

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	Study for The Persian Gulf	Montreal, Geographie
<u>HYD1896</u>	Estimation of glacier melt water and lakebed deformation on Tibetan Plateau using interferometric TerraSAR data	Sheng, Yongwei - University of California, Los Angeles, Geography
<u>LAN1494</u>	Monitoring the growth of the vineyards by means of TerraSAR-X data	Licciardi, giorgio - tor vergata university, DISP
<u>LAN1534</u>	Himalayan glaciers dynamics from TerraSAR-X archived data	Gourmelen, Noel - University of Edinburgh, School of GeoSciences
<u>LAN1535</u>	Fine ground fissures monitoring with TerraSAR-X data over urban and rural area	Chaoying, Zhao - Changan University, College of engineering geology and geomatics
<u>LAN1560</u>	Monitoring of megacity ground deformations using different PS-INSAR techniques: A case study of Moscow and St. Petersburg, Russia.	Mikhailov, Valentin - Schmidt Institute of physics of the Earth, Russian academy of sciences, Joint analysis of satellite and surface data
<u>LAN1568</u>	Geoarchaeology in northern Jordan: reconstructing ancient land use in the Decapolis region	Lucke, Bernhard - FAU Erlangen-Nuremberg, Institute of Geography
<u>LAN1574</u>	Analysis of forest structure based on high resolution TSX-data	Ziolkowski, Dariusz - Institut of Geodesy and Cartgraphy, Remote Sensing Department
<u>LAN1583</u>	Object Recognition Based on High-Resolution Radar Imagery	Papco, Juraj - Slovak University of Technology, Faculty of Civil Engineering, Department of Theoretical Geodesy
<u>LAN1597</u>	3-D mapping of Rome urban area by interferometric and tomographic processing of TerraSAR-X High Resolution Spotlight data	Giardino, Giosue Andrey - UNIVERSITY OF ROME TOR VERGATA, Dep. of Civil Engineering and Computer Science
<u>LAN1607</u>	IPY ice velocity map update in Antarctica and Greenland	Scheuchl, Bernd - University of California, Irvine, Department of Earth System Science
<u>LAN1608</u>	Surface dynamic monitoring over rugged mountain area utilize time series SAR remote sensing technique in Central Asia	Liu, Guang - Center for Earth Observation and Digital Earth, Chinese Academy of Sciences, Division of Digital Earth Lab.
<u>LAN1623</u>	Water resources monitoring for biodiversity and health issues	YESOU, HervØ - SERTIT - UDS, N/A
<u>LAN1624</u>	Land Subsidence Monitoring of Yangtze River Delta Urban Agglomerations with Time Series SAR Interferometry Using TerraSAR-X data	XIAO, Ruya - Hohai University, School of Earth Science and Engineering

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<u>LAN1627</u>	Classification of Urban Structure Types based on high-resolution InSAR data - the case of Munich	Novack, Tessio - Technische Universitaet Muenchen, Photogrammetry and Remote Sensing
<u>LAN1635</u>	Forest Structure Characterisation using TerraSAR-X	Balzter, Heiko - University of Leicester, Geography
<u>LAN1639</u>	Land Cover and Change Detection Mapping Using TerraSAR-X	Balzter, Heiko - University of Leicester, Geography
<u>LAN1641</u>	Characterising Marine Instability of the Antarctic Ice Sheet.	Shepherd, Andrew - University of Leeds, School of Earth and Environment
<u>LAN1642</u>	Monitoring Historical Motion of Mountain Glacier with Archived TerraSAR-X Data	Wang, Changcheng - Central South University, School of Info-Physics and Surveying Engineering
<u>LAN1650</u>	Ice flow speed and mass changes at three Greenland outlet glaciers using TerraSAR-X data	Liu, Lin - The Chinese University of Hong Kong, Earth System Science Programme
<u>LAN1687</u>	Relations between coherence and spatial resolution in space-borne interferometric SAR	Hong, Sang-Hoon - Korea Polar Research Institute, Division of Polar Ocean Environment
<u>LAN1699</u>	Greenland Ice Velocity	Gourmelen, Noel - University of Edinburgh, School of GeoSciences
<u>LAN1705</u>	Monitoring Pearl River Delta Ground Instability Using TerraSAR Archive Data	XU, Bing - Central South University, Dep. of Geomatics, School of Geoscience and Info-Phys.
<u>LAN1706</u>	Seasonal dynamics over permafrost	Bartsch, Annett - Vienna University of Technology, Department of Geodesy and Geoinformation
<u>LAN1708</u>	Deformation Monitoring in Mega City Istanbul withTerrarar-X Using Interferometric SAR Time Series Analysis	Abdikan, Saygin - Bulent Ecevit University, Geomatics Engineering
<u>LAN1725</u>	Measuring Interannual Variability in Seasonally Dry Tropical Forest Deciduousness in the Mexican Southern Yucatæn	Cuba, Nick - Clark University, Geography
<u>LAN1738</u>	Multiscale analysis of objects with Radar and optical high resolution Earth Observation images with Object Based Image Analysis methodology	Dabiri, Zahra - University of Salzburg, Geoinformatics
<u>LAN1746</u>	Study of urban areas through high-resolution SAR imagery.	TUPIN, Florence - Institut TØIØcom, TØIØcom ParisTech, TSI
<u>LAN1747</u>	Use of archived TerraSAR-X data for integrated high latitude permafrost monitoring	Bartsch, Annett - Vienna University of Technology, Department of Geodesy and Geoinformation

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<u>LAN1748</u>	The possibility to establish landslide warningsystem from site ground displacement monitoring to SAR stacking cooperation	Wang, Kuo-Lung - National Chi Nan University, Civil Engineering
<u>LAN1797</u>	Mapping permafrost dynamics in Northern Alaska using TerraSAR-X data	Liu, Lin - The Chinese University of Hong Kong, Earth System Science Programme
<u>LAN1799</u>	Monitoring human-induced surface deformation with TerraSAR-X data stacks	Liao, Mingsheng - Wuhan University, LIESMARS
<u>LAN1830</u>	Change detection on damaged agriculturalarea by the Tohoku offshore earthquake and tsunami, Japan	YONEZAWA, Chinatsu - Tohoku University, Graduate School of Agricultural Sc., Faculty of Agriculture
<u>LAN1831</u>	Monitoring ground subsidence caused by groundwater withdrawal with archived high-resolution TerraSAR-X images	Sun, Qian - Central South University, Department of Geomatics
<u>LAN1832</u>	Using TerraSAR-X data for disaster management of forest areas in Germany	Martin, Klaus - SLU, Company for Remote Sensing and Environmental Research, N/A
<u>LAN1839</u>	Slumgullion Landslide motion measured by InSAR and pixel offsets	Fielding, Eric - Jet Propulsion Laboratory, California Institute of Technology, Earth Sciences
<u>LAN1841</u>	Monitoring the surface displacement of the Qinghai-Tibet Railway and its surroundings with TerraSAR-X data	Li, Zhiwei - Central South University, Department of Geomatics
<u>LAN1858</u>	Infrastructure control with TerraSAR-X interferometry along the Danube River in Hungary	Strozzi, Tazio - Gamma Remote Sensing, N/A
<u>LAN1881</u>	Archaeological prospection and environmental monitoring of the Nasca region (Peru) with TerraSAR-X and TanDEM-X SAR imagery	Tapete, Deodato - Natural Environment Research Council, British Geological Survey
<u>LAN1895</u>	TSX radargrammetry for biomass and biomass change	Eriksson, Leif - Chalmers University of Technology, Dept. of Earth and Space Sciences
<u>LAN1903</u>	Changes of Land Use in Balikpapan	Lazecky, Milan - VSB-TUO, Institute of Geoinformatics
<u>LAN1904</u>	Multitemporal Terra SAR-X Data for Urban Land Cover Mapping and Monitoring	Ban, Yifang - KTH Royal Institute of Technology, Urban Planning and Environment
<u>LAN1918</u>	Normal021Applicationof TerraSAR-X data to study the ground deformations caused by construction andexploitation of Warsaw underground.	Porzycka, Stanislaw - AGH University of Science a. Technology, Department of Geoinformatics and Applied Computer Science
<u>LAN2548</u>	Mapping creeping landforms in Alpine periglacial environment using TSX archives (Western Swiss Alps, Switzerland) LAN1145 Extension	Barboux, Chloë - University of Fribourg, Department of Geosciences,

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		Geography
<u>MTH1467</u>	Complex scene understanding by combining multiple-pass SAR images.	Guillaso, StØphane - Technische Universit Berlin, Computer Vision and Remote Sensing
<u>MTH1532</u>	Investigation of spatiotemporal 3D surface displacement of Southern California by using multi-track and multi-temporal TerraSAR-X Data	Hu, Jun - Central South University, School of Geosciences and Info-Physics
<u>MTH1578</u>	Investigation on change detection of space borne SAR for maritime and land-based scenarios	Hager, Manfred - DLR, Microwaves and Radar Institute, Department of Reconnaissance and Security
<u>MTH1595</u>	Segmentation and Classification of HS TerraSAR-X data	Nies, Holger - University of Siegen, Center for Sensorsystems (ZESS)
<u>MTH1603</u>	Competing effects of vegetation and tectonics on SAR data for Pacific NW	Lohman, Rowena - Cornell University, Earth and Atmospheric Sciences
<u>MTH1604</u>	Combined TerraSAR-X and UAVSAR Remote Sensing of Major Earthen Levee Systems in California and New Orleans	Jones, Cathleen - Jet Propulsion Laboratory, Radar Science and Engineering Section
<u>MTH1636</u>	EOLib - Earth Observation Image Librarian	Schwarz, Gottfried - DLR, MF-PB
<u>MTH1693</u>	Extensive exploitation of spotlight TSX data for monitoring deformation in urban areas	Manunta, Michele - IREA-CNR, N/A
<u>MTH1717</u>	Spaceborne SAR Tomography Methods and Applications	Frey, Othmar - ETH Zurich, Earth Observation and Remote Sensing, Inst. of Environmental Engine
<u>MTH1726</u>	Deformation measurement by integer combination of multi-temporal high resolution interferograms	Zhang, Lei - The Hong Kong Polytechnic University, LSGI
<u>MTH1743</u>	Bridge deformation monitoring with archived TerraSAR-X Data Stacks	Liao, Mingsheng - Wuhan University, LIESMARS
<u>MTH1766</u>	Research on monitoring ground subsidence in Yangtze River Delta using InSAR, GPS, and precise leveling	Wu, Jicang - Tongji University, College of Surveying and Geo-Informatics
<u>MTH1803</u>	Modeling horizontal displacements caused by earthquakes for epoch corrections to geodetic networks and detection of horizontal displacements due to subsidence.	Esquivel, Ruben - Instituto Nacional de Estadistica y Geografia (INEGI), Geodetic Processing
<u>MTH1827</u>	Ionospheric Effects in Interferometric Synthetic Aperture Radar (InSAR) in different latitude Area	bo, hu - Chinese Academy of Sciences , Institute of Geodesy and Geophysics, State Key Laboratory of Geodesy and Earth

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<u>MTH1847</u>	XSARWat. Spaceborne remote sensing of precipitation effects and flooded areas from X-band synthetic aperture radars: models, methods and applications	Mori, Saverio - Sapienza University of Rome, DIET - Dep. of Information Eng., Elec. and Telecom.
<u>MTH1899</u>	Advanced InSAR and Tomography for urban infrastructure monitoring using high resolution TerraSAR-X data	Rabus, Bernhard - Simon Fraser University, Applied Sciences, School of Engineering
<u>MTH2594</u>	Development of Methods for Deformation Analysis evaluating Persistent and Distributed Scattering Mechanisms	Even, Markus - Fraunhofer IOSB, Institut of Optronics, System Technologies and Image Exploitation, Scene Analysis
<u>MTH2617</u>	Development of methods for Forest Biophysical Parameters Inversion Using POLInSAR	Haiqiang, Fu - Central South University, School of Geosciences and Info-Physics
<u>MTH2653</u>	Oil Spill Detection and Tracking using Lipschitz Regularity and Multiscale Techniques in Synthetic Aperture Radar Imagery	Ajadi, Olaniyi - University of Alaska Fairbanks, Geology and Geophysics
<u>OCE1511</u>	There search of Grounding line in Antarctic with TerraSAR-x	qiang, qiang - Wuhan university, Chinese Antarctic Center of Surveying and Mapping(CACSM)
<u>OCE1559</u>	Fully automatic oil spills detection and analysis by merging TerraSAR-X and L-band UAVSAR data	Del Frate, Fabio - Tor Vergata University, Rome, DICII
<u>OCE1656</u>	Wind field and wave parameters retrieval using TerraSAR-X data	shao, weizeng - Ocean University of China, College of Physical and Environmental Oceanography
<u>OCE1669</u>	Inversion of sea surface wind field by X-band SAR and its cross comparisons with scatterometer and radiometer	Jacobsen, Sven - German Aerospace Center (DLR), Remote Sensing Technology Institute
<u>OCE1720</u>	Combined TerreSAR-X and GNSS-R for Monitoring Sea Ice in Arctic	Zhang, Yun - Shanghai Ocean university, College of Information Technology
<u>OCE1751</u>	Analysis of Sea Ice and Ocean Swell in the Marginal Ice Zone	Hargrove, John - University of Miami, CSTARS
<u>OCE1844</u>	Vessel and oil spill detection in the Gulf of Taranto, Italy, based on X-band TerraSAR images (VOSTA)	Nico, Giovanni - Consiglio Nazionale delle Ricerche (CNR), Istituto per le Applicazioni del Calcolo (IAC)
<u>OCE1891</u>	Sea ice lead distribution for ocean-ice-atmosphere interaction study	Kaleschke, Lars - University of Hamburg, KlimaCampus, Institute of Oceanography

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<u>RES1884</u>	Subsidence hazard and water resources management in central Mexico urban areas	Cabral-Cano, Enrique - Universidad Nacional Autonoma de Mexico, Instituto de Geofisica
<u>RES1888</u>	Inventory of photovoltaic and wind turbine power plants by using multi-temporal high resolution SAR images: a feasibility study.	Notarnicola, Claudia - EURAC, Institute for Applied Remote Sensing