

## List of accepted Proposals (TSX-Archive)

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>CAL2775</u></a> | Correlating the faulting mechanism characteristics of the Mw8.2, 2014, megathrust Iquique earthquake with the observed surface response and structural damage (Archived scenes) | Fortuno, Catalina - CIGIDEN, Pontificia Universidad Catolica de Chile, Ingenieria Estructural y Geotecnica            |
| <a href="#"><u>CAL2942</u></a> | TerraSAR-X data for the analysis and validation of airborne SAR data acquired with the ESA's SnowSAR instrument   | Coccia , Alexander - MetaSensing BV, Airborne operations  |
| <a href="#"><u>CAL3304</u></a> | Risk Monitoring and Preventive Diagnosis of Cultural World Heritage sites using Multi-Temporal SAR Interferometry of TerraSAR-X data in archive                                 | Chen, Fulong - Key Laboratory of Digital Earth Science, Institute of Remote Sensing and Digital Earth                 |
| <a href="#"><u>CAL3505</u></a> | Target detection and feature analysis based on SAR images   | Guangjiao, Zhou - Harbin Institute of Technology, School of Electronics and Information                               |
| <a href="#"><u>COA2891</u></a> | Comparison of SAR systems capabilities for the analysis of Oil Spill characteristics.   | laneve, Giovanni - University of Rome , DIAEE   |
| <a href="#"><u>COA2984</u></a> | Monitoring of the water-area variations of Dongting Lake in China with TerraSAR-X images  | difei, shi - hunan institute of science and technology, department of construction and engineering                    |
| <a href="#"><u>COA3213</u></a> | Archived data to constrain glacier velocities in Alaska, Patagonia, and the Russian Arctic  | Pritchard, Matthew - Cornell University, Earth and Atmospheric Science  |
| <a href="#"><u>GEO2722</u></a> | The study of Cold Debris flow in Northern Alaska with TerraSAR-X images: part 1 archive data analysis   | Gong, Wenyu - University of Alaska Fairbanks, Geophysical Institute   |
| <a href="#"><u>GEO2806</u></a> | Measuring ground displacement using InSAR techniques  | Marjanovic, Milos - TUM, Chair of Landslide Research  |
| <a href="#"><u>GEO2815</u></a> | Research on monitoring ground subsidence in Suzhou  | Yuan, Ming - Suzhou University of Science and Technology, Department of Spatial Information and Surveying Engineering |
| <a href="#"><u>GEO2845</u></a> |   |   |

## Proposals\_Archive

|                |   |   |
|----------------|---|---|
|                | Analysis of post-impoundment landslide activities in Three Gorges reservoir area using archived TerraSAR-X data stacks              | Zhang, Lu - Wuhan University, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote        |
| <u>GEO2870</u> | Volcano InsTAbility (VITA)  | Di Traglia, Federico - University of Firenze, Earth Sciences  |
| <u>GEO3016</u> | Land subsidence monitoring and understanding from space: the Ravenna area (Northern Italy) case history                             | Bonì, Roberta - University of Pavia, Earth and Environmental Sciences   |
| <u>GEO3018</u> | TerraSAR-X time-series analysis for monitoring surface deformation in Ha Noi, the capital of Vietnam                                | Chang, Chung-Pai - Center for Space and Remote Sensing Research, National Central University                          |
| <u>GEO3061</u> | A time-series analysis of glacial movement on the Greenland and Antarctica with multi-temporal TerraSAR-X synthetic aperture radar  | Hong, Sang-Hoon - Korea Polar Research Institute, Division of Polar Ocean Environment                                 |
| <u>GEO3086</u> | Delineation and characterization of faults in Eastern Himalaya foreland fans using TerraSAR-X data                                  | Ekka, Amar Bishram - Geological Survey of India, Photogeology and Remote Sensing                                      |
| GEO3134        | Landslide detection by TerraSAR-X data  | Masaki, ARAI - Leibniz Universität Hannover, Institute of Photogrammetry and GeoInformation                           |
| <u>GEO3138</u> | Use of archived data to search for ground deformation in eastern North America  | Pritchard, Matthew - Cornell University, Earth and Atmospheric Science  |
| <u>GEO3149</u> | Ground subsidence monitoring research in Suzhou   | Yuan, Ming - Suzhou University of Science and Technology, Department of Spatial Information and Surveying Engineering |
| <u>GEO3185</u> | GEPATAR: GEotechnical and Patrimonial Archives Toolbox for ARchitectural conservation in Belgium                                    | Walstra, Jan - Royal Belgian Institute of Natural Sciences, Geological Survey of Belgium                              |
| <u>GEO3224</u> | Precise motion-tracking of persistent scatterers using high-resolution spotlight mode SAR data for infrastructure health monitoring | Lu, Zhong - Southern Methodist University, Earth Sciences   |
| <u>GEO3421</u> | Using the InSAR Technique (e.g., PS) to investigate the land subsidence in one of the historical positions in Tehran City           | Mirzadeh, Sayyed Mohammad Javad - University of Tehran, Surveying and Geo-spatial Engineering                         |
| <u>GEO3453</u> |   |   |

## Proposals\_Archive

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|--------------------------------|--|---|
|                                | Environmental controls on landslide motion revealed by InSAR and pixel offset tracking   | Handwerger, Alexander - NASA Jet Propulsion Lab, Earth Surface And Interior   |
| <a href="#"><u>GEO3483</u></a> | Potential of using spatial TerraSAR-X ScanSAR data for geological mapping  | ZOUARI, HØdi - Water Researches and Technologies Centre, Technopark of Borj Cedria, Natural Water Treatment Laboratory    |
| <a href="#"><u>GEO3498</u></a> | Development of the methodology of creating predictive models and search in relation to basic geological and industrial types of mineral deposits in Kazakhstan on the basis of modern data processing technology ground-space research | Kikkarina, Altynay - SLPP Institute of Ionosphere, Ground-Space, Geodynamic and Geophysical Monitoring (GSGGM) Department |
| GEO3510                        | detailed geomorphological mapping and analysis of the Sarycheleck rockslide in the Western Tien Shan based on remote sensing and GIS   | Langenwaller, Katrin - Universität Salzburg, Geomorphology  |
| <a href="#"><u>HYD2810</u></a> | Land subsidence as inferred from TerraSAR-X data due to groundwater extraction   | Chen, Jingyi - Stanford University, Geophysics  |
| <a href="#"><u>HYD2824</u></a> | Identifying spatial-temporal patterns of glacier changes in the High Mountain Asia with TerraSAR-X data  | Liming, Jiang - Chinese Academy of Sciences, Institute of Geodesy and Geophysics  |
| <a href="#"><u>HYD2869</u></a> | Tidal flexure of ice shelves: the key to understanding Antarctic grounding zones   | Marsh, Oliver - University of Canterbury, Gateway Antarctica  |
| <a href="#"><u>HYD2903</u></a> | InSAR/GNSS time series detect sinking cities along downstream of the Three Gorges Reservoir in China   | Zhou, Zhiwei - Wuhan University, Global Navigation Satellite System Research Center                                       |
| HYD2918                        | 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>HYD2926</u></a> | Snow Height Estimation by Difference Phase Interferometry Technique in X-Band SAR Data   | hatami, javad - Masters students, Islamic Azad University, Yazd   |
| <a href="#"><u>HYD2966</u></a> | Dikes under pressure Technical and ecological Vulnerability and Resilience of dike landscapes - Methodology development using TSX-Archive data   | Marzahn, Philip - LMU Munich, Department of Geography   |
| <a href="#"><u>HYD3110</u></a> | Integrating RADAR images and flooding hydrological modeling  | Maltese, Antonino - University of Palermo, DICAM  |
| <a href="#"><u>HYD3192</u></a> | Using TerraSAR-X for the change detection of Tonle Sap (TonlØSap) water line   | Li, Yishan - Tsinghua University, Center for Earth System Science   |
| <a href="#"><u>HYD3362</u></a> |  |   |

## Proposals\_Archive

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|--------------------------------|---|--|
|                                | Test and validation of TSX Data for the Flood Monitoring Service in Red River Pilot Project (Vietnam) for the Hydrologic Exploitation ESA Platform - HEP.                           | Garcia Robles, Javier - TRE Altamira, Post-Processing  |
| <a href="#"><u>HYD3486</u></a> | Dam Monitoring and modeling through satellite SAR data  | Tessari, Giulia - University of Padua, Geosciences   |
| <a href="#"><u>LAN2708</u></a> | Combining TerraSAR-X and TanDEM-X in a quad-pol sensor  | Weissgerber, Flora - Telecom Paristech, TSI  |
| <a href="#"><u>LAN2782</u></a> | EnFusionMap   | Rosentreter, Johannes - Freie Universität Berlin, Remote Sensing and Geoinformatics  |
| <a href="#"><u>LAN2784</u></a> | Greenland glaciers acceleration and climate change: intra-seasonal insights   | van Leijen, Freek - Delft University of Technology, Department of Geoscience and Remote Sensing  |
| <a href="#"><u>LAN2787</u></a> | Fluctuations of tidewater glaciers in Hornsund Fiord  | Błaszczuk, Malgorzata - Centre for Polar Studies, University of Silesia, Geomorphology   |
| <a href="#"><u>LAN2793</u></a> | Building non-linear displacement using SAR data   | Cerchiello, Vania - IUSS, Risk and Emergency Management  |
| <a href="#"><u>LAN2820</u></a> | Use of TerraSAR-X data archive to support multi-hazard risk analysis within the RASOR project   | Koudogbo, Fifame Nadege - Altamira Information, Altamira Information   |
| <a href="#"><u>LAN2833</u></a> | Utilization of the high spatio-temporal resolution of TerraSAR-X observations for recent ground deformation monitoring and SAR image processing. Case study in Bratislava, Slovakia | Papco, Juraj - Slovak University of Technology, Faculty of Civil Engineering, Department of Theoretical Geodesy                        |
| <a href="#"><u>LAN2844</u></a> | Two-dimensional ground deformation monitoring and measurement base on a modified SBAS InSAR method in Southern Jiangsu, China   | Dong, Shaochun - Nanjing University, School of Earth Sciences and Engineering  |
| <a href="#"><u>LAN2848</u></a> | Research on the application of SAR image interpretation   | Yong, Yang - Chang an University, Remote Sensing College   |
| <a href="#"><u>LAN2911</u></a> | Building vulnerability map for Lisbon City (Portugal) using TSX data  | Falco, Ana Paula - Instituto Superior Técnico - Universidade de Lisboa, Department of Civil Engineering, Architecture and Georesources |
| <a href="#"><u>LAN2914</u></a> | Fusion of SAR and Multispectral data for mapping of natural areas   | Guida, Raffaella - University of Surrey, Surrey Space Centre - Electronic Engineering  |
| <a href="#"><u>LAN2927</u></a> |   |  |

## Proposals\_Archive

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|                                | Monitoring of Urban Villages in Shenzhen,China from High-Resolution GF-1 and TerraSAR-X data  | WEI, Chunzhu -<br>University of Salzburg,<br>Department of<br>Geoinformatic                                     |
| <a href="#"><u>LAN2935</u></a> | Multi-temporal Analysis of Arctic Glacier Movements by X-band SAR Satellite Observations  | Jung, Hyung-Sup -<br>University of Seoul,<br>Dept. of Geoinformatics  |
| <a href="#"><u>LAN2945</u></a> | Land Subsidence Monitoring of Kunming Area Using Time Series TerraSAR-X images  | lingli, yangya - Kunming<br>University of Science<br>and Technology, Faculty<br>of Land Resource<br>Engineering |
| <a href="#"><u>LAN2952</u></a> | Roughness modulation of Greenland Ice Sheet hydrology and ice-flow dynamics   | Sole, Andrew -<br>University of Sheffield,<br>Geography   |
| LAN2959                        | Assessing dam stability and the role of short repeat time SAR Interferometry : the joint use of TerraSAR-X and COSMO-SkyMed constellations. | Milillo, Pietro -<br>University of<br>Basilicata, School of<br>Engineering                                      |
| <a href="#"><u>LAN2982</u></a> | Ground deformation of Taiyuan city based on Permanent Scatterer technique with TerraSAR-X images  | lina, yan - shanxi<br>university of<br>technology, college<br>environmental science<br>and engineering          |
| <a href="#"><u>LAN2988</u></a> | Subsidence-Sensitive Urbanization in developing countries: Case study of Kolkata, India   | Roychowdhury, Koel -<br>Presidency University,<br>Department of Geography                                       |
| <a href="#"><u>LAN2990</u></a> | Ground Subsidence Monitoring in Changsha city with TerraSAR-X Images  | yuefei, jia - Beijing<br>University of<br>Technology, School of<br>City Jiaotong                                |
| <a href="#"><u>LAN3000</u></a> | Land Subsidence due to ground water exploitation  | Malik, Kapil - Indian<br>School of Mines, Mining<br>Engineering   |
| <a href="#"><u>LAN3007</u></a> | Rice monitoring with multi-temporal and dual-polarimetric TerraSAR-X data   | xiaofeng, zhu - Harbin<br>Institute of Technology,<br>Land resource<br>engineering school                       |
| <a href="#"><u>LAN3021</u></a> | Feature analysis of DEM generated by repeat pass InSAR processing and guideline examination of updating existing DEM                        | NONAKA, TAKASHI - Nihon<br>Univeisity, College of<br>Industrial Technology                                      |
| <a href="#"><u>LAN3025</u></a> | Use of Interferometric techniques to monitor landdeformation in different landscapes  | Avtar, Ram - United<br>Nations University,<br>Institute for the<br>Advanced Study of<br>Sustainability          |
| <a href="#"><u>LAN3072</u></a> | Land Cover Mapping over Urban Areas with Rich Texture Using Multitemporal TerraSAR-X Datasets   | JIANG, Mi - Hohai<br>Univeristy, School of<br>Earth Science and<br>Engineering                                  |
| <a href="#"><u>LAN3076</u></a> | Exploration of TerraSAR-X and TanDEM-X datasets by three universities in Germany, Poland and the Ukraine                                    | Kresse, Wolfgang -<br>University of Applied<br>Sciences Neubrandenburg,<br>Landscape Architecture               |

## Proposals\_Archive

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|                                |   | and Geomatics  |
| <a href="#"><u>LAN3080</u></a> | SAR features extraction for earthquake damage mapping purposes  | Bignami, Christian - Istituto Nazionale di Geofisica e Vulcanologia, Setallite EO Unit   |
| <a href="#"><u>LAN3111</u></a> | Coregistration of various images of Forest over Remningstorp test site  | KOENIGUER, Elise - ONERA, DTIM   |
| <a href="#"><u>LAN3157</u></a> | Detection of ancient relics based on high resolution SAR images   | Dong, Shaochun - Nanjing University, School of Earth Sciences and Engineering  |
| <a href="#"><u>LAN3188</u></a> | Forensic engineering of infrastructures exposed to structurally deficiency, seismicity, and landslides with InSAR for health monitoring | Kim, Jin-Woo - Southern Methodist University, Roy M. Huffington Department of Earth Sciences   |
| LAN3221                        | Land Subsidence Monitoring in Kunming with InSAR techniques   | yin, zhenxing - Guangdong Provincial Key Laboratory of Nanophotonic Functional Materials and Dev, South China Normal University              |
| <a href="#"><u>LAN3308</u></a> | Automation of the flood extent and depth mapping in urban areas from TSX archive.   | Guida, Raffaella - University of Surrey, Surrey Space Centre - Electronic Engineering  |
| <a href="#"><u>LAN3334</u></a> | Mapping of river sediments after flood water events along the river Elbe  | Riedel, Bjoern - TU Braunschweig, Civil and Environmental Engineering  |
| <a href="#"><u>LAN3337</u></a> | Ground deformation monitoring in Guiyang with TerraSAR-X images   | Shuqing, Zhao - Sun Yat-sen University, School of Earth Science and Geological Engineering   |
| <a href="#"><u>LAN3344</u></a> | Seasonal Landslide Flow Rate Fluctuations on the Palos Verdes Peninsula in Southern California  | Madson, Austin - University of California - Los Angeles, Geography   |
| LAN3371                        | Croplands Classification Using Fusion of Fully Polarimetric Synthetic Aperture Radar (PolSAR) and Optical Data                          | Khosravi, Iman - University of Teheran, School of Surveying and Geospatial Engineering, College of Engineering, Department of Remote Sensing |
| <a href="#"><u>LAN3465</u></a> | Land cover classification with focus on forest degradation patterns in tropical regions of Ecuador, Philippines and Zambia              | Lippe, Melvin - Thünen Institute of International Forestry and Forest Economics, Forestry Worldwide  |
| <a href="#"><u>LAN3484</u></a> | Aboveground biomass retrieval in sub-tropical forests - The potential of combined X-, C- and L-band SAR                                 | Waqar, Mirza Muhammad - Chiba University, Center of Environmental Remote Sensing   |

## Proposals\_Archive

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| <a href="#"><u>MTH2705</u></a> | Stereo-Radargrammetry Mapping of TerraSAR-X Spotlight Data  | yf, yang - central south university, geoscience college  |
| <a href="#"><u>MTH2762</u></a> | Analyses on surface subsidence due to underground mining operations in singhbhum shear zone using DInSAR technique  | ISHWAR, S G - Indian School of Mines, Dhanbad, Mining Engineering                              |
| <a href="#"><u>MTH2772</u></a> | Small scale and large gradient mining-induced deformation monitoring with high resolution SAR data  | Chaoying, Zhao - Changan University, College of engineering geology and geomatics              |
| <a href="#"><u>MTH2842</u></a> | Crop mapping with multi-temporal polarimetric TerraSAR-X data   | shuhua, yan - Nanjing University, School of Geosciences  |
| <a href="#"><u>MTH2843</u></a> | Glacier surface velocity estimation using TerraSAR-X images   | ju, chu - Hunan University, Surveying, Mapping and Remote Sensing                              |
| <a href="#"><u>MTH2866</u></a> | Digital Surface Models generation by high resolution dual pol TerraSAR-X imagery: analysis of polarimetric SAR tomography potentialities over urban areas | Porfiri, Martina - University of Rome "La Sapienza", DICEA                                     |
| <a href="#"><u>MTH2878</u></a> | High-resolution spaceborne radar data for damage assessment in urban areas and combination with estimated vulnerability                                   | DellAcqua, Fabio - University of Pavia and EUCENTRE, Electronics                               |
| <a href="#"><u>MTH2946</u></a> | Ground Deformation Estimation Using TerraSAR-X images in Pearl River Delta  | wang, xiaohua - Guilin University of Technology, College of Earth Sciences                     |
| <a href="#"><u>MTH2953</u></a> | Multiple Scatterers Detection in SAR Tomography   | Budillon, Alessandra - Università degli studi di Napoli Parthenope, Dipartimento di Ingegneria |
| <a href="#"><u>MTH2974</u></a> | Derive the precise 3D motion field of mountain glaciers and build the functional model between motion changes and mass balance                            | Jia, Li - Central South University, School of Geoscience and Info-Physics                      |
| <a href="#"><u>MTH3062</u></a> | Limitations of interferometry RADAR by satellite in urban areas   | Aubrun, Michelle - University of Montreal, Geography   |
| <a href="#"><u>MTH3093</u></a> | Enabling Widespread Adoption of Commercial SAR with Automated InSAR Signal Detection Algorithms   | Woods, William - Stanford University, Electrical Engineering                                   |
| <a href="#"><u>MTH3160</u></a> | Testing a Method for Change in LC/LU with flooding images   | Papadakis, Georgios - University of Athens, Department of Informatics and Telecommunications   |
| <a href="#"><u>MTH3178</u></a> | Interferometric processing for different acquisition modes  | Lopez-Sanchez, Juan M - University of Alicante, DFISTS, EPS                                    |
| <a href="#"><u>MTH3182</u></a> | SAR Tomography for 4D reconstruction  |  |

## Proposals\_Archive

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|----------------|---|---|
|                |   | Aaron Justin Samuel,<br>Angel Caroline Johnsy -<br>University Of<br>Naples,Parthenope,<br>Department of<br>Engineering  |
| <u>MTH3200</u> | Change Detection in UrbanAreas with TerraSAR-X images   | Chen, Chenyue - School<br>of Geosciences and<br>Info-Physics, Central<br>South University,<br>Geomatics   |
| <u>MTH3235</u> | Using TerraSAR-X Stripmap data for evaluating a<br>Medieval Archeology Site in Southern Germany                                     | Sibler, Philipp - Airbus<br>DS Electronics and<br>Border Security GmbH,<br>Computing Platforms for<br>Avionics TDEEH12  |
| <u>MTH3261</u> | Deformation monitoring of metros using TerraSAR-X<br>images   | Jingxin, Hou - Central<br>South University,<br>Geosciences and<br>Info-Physics  |
| MTH3265        | Development of new applications based on SAR products<br>with accurate geometrical accuracy   | Cong, Xiaoying -<br>Technische Universitä<br>München, Remote Sensing<br>Technology  |
| <u>MTH3273</u> | Mapping mining-induced time-series displacements with<br>TerraSAR-X data andlogistic model  | Yang, Zefa - School of<br>Geosciences and<br>Info-Physics, Central<br>South University,<br>Department of Geomatics  |
| <u>MTH3358</u> | Study on Disaster Management System based on<br>Integration of SAR Remote Sensing and GIS Technologies                              | Karimzadeh, Sadra -<br>Tokyo Institute of<br>Technology, Built<br>environment   |
| <u>MTH3367</u> | Themonitoring and assesment of urban infrastructure in<br>BEIJING area based on high-resolutionTerraSAR-X images                    | Lei, Pang - Beijing<br>University of Civil<br>Engineering and<br>Architecture, Department<br>of Remote Sensing<br>Engineering, School of<br>Surveying and Mapping<br>Spatia |
| <u>MTH3368</u> | Convolutional Neural Networks for contextual denoising<br>and classification of SAR images  | Danilla, Carolyne -<br>University of Twente,<br>Geo-information and<br>Earth Observation  |
| <u>MTH3393</u> | Research on InSARroad surfacemulti-temporal<br>deformation model withTerraSAR X images  | Xuemin, Xing - Changsha<br>University of Science<br>and Technology, Traffic<br>and Transportation<br>Engineering  |
| <u>MTH3492</u> | Multifrequency estimation of soil moisture<br>andDIScrimination of atmospheric phase delay based on<br>SAR interferometry (DIS-SAR) | Nico, Giovanni -<br>Consiglio Nazionale<br>delle Ricerche (CNR),<br>Istituto per le<br>Applicazioni del Calcolo<br>(IAC)  |



## Proposals\_Archive

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|----------------|--|---|
| <u>OCE2811</u> | Interpretation of oil spill dynamics using TerraSAR-X data   | Li, Xiaoming - Chinese Academy of Sciences, Institute of Remote Sensing and Digital Earth   |
| <u>OCE2822</u> | Assessment of the dependence of the X-band TerraSAR-X co-polarized and cross-polarized normalized radar cross sections and related parameters on the sea surface wind vector and on the acquisition geometry | Grieco, Giuseppe - Agenzia Spaziale Italiana, Center for the Interpretation of Earth Observation Data (CIDOT)   |
| <u>OCE2917</u> | Development and improvement of algorithms for automatic man-made marine structure identification   | Velotto, Domenico - German Aerospace Center, Remote Sensing Technology Institute (IMF)  |
| <u>OCE2995</u> | Investigation of wind retrieval under high wind condition using TS-X and TD-X  | shao, weizeng - Ocean University of China, College of Physical and Environmental Oceanography   |
| <u>OCE3027</u> | Study on marine oil spill classification using dual polarimetric TerraSAR-X images   | Yu, LI - The Chinese University of Hong Kong, Institute of Space and Earth Information Science  |
| <u>OCE3079</u> | <b>Waves, wind and currents effect on the sea surface roughness characteristics and its application to the study of oil spills in the Gulf of Mexico. Historical database.</b>                               | Esquivel-Trava, Bernardo - Instituto de Investigaciones Oceanológicas - UABC, Physical Oceanography,  |
| OCE3150        | Validation of a new polarization ratio for X-band SAR wind retrieval   | shao, weizeng - Ocean University of China, College of Physical and Environmental Oceanography   |
| <u>OCE3154</u> | Surveying long-lived mode-2 internal wave systems in the world's oceans  | Magalhaes, Jorge M. - University of Porto, Interdisciplinary Centre of Marine and Environmental Research, Department of Geosciences, Environment and Spatial Planning |
| <u>OCE3201</u> | TerraSAR-X SAR data to monitor hazards related to extreme weather conditions and oil pollution   | Migliaccio, Maurizio - Università di Napoli Parthenope, Engineering   |
| <u>OCE3356</u> | Algorithm for wave retrieval from TerraSAR-X imagery in both VV- and HH-polarization   | shao, weizeng - Ocean University of China, College of Physical and Environmental Oceanography   |
| OCE3365        | Combination of Multifrequency SAR Images for Sea Ice Classification  | Dierking, Wolfgang - Alfred Wegener Institute for Polar and Marine Research, Climate Sciences   |

## Proposals\_Archive

RES3359

Novel method for monitoring peat-soil subsidence based on radar remote sensing

Fakhri, Falah - natural resources institute Finland (luke), Management and production of renewable resources