

List of accepted Proposals (CSA-DLR-2010)

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>COA0976</u>	Improved Retrieval of Sea Ice Information from Dual-Frequency, Polarimetric SAR Observations	Busche, Thomas - German Aerospace Center (DLR), Microwave and Radar Institute, Radar Concepts Department
<u>COA0994</u>	Using TerraSAR-X and RADARSAT-2 Data for an Improved Classification of Wadden Sea Surface Types	Gade, Martin - Universität Hamburg, Institut für Meereskunde
<u>GEO1027</u>	Clay-swelling related ground motion damage in Regina, Saskatchewan analyzed with high resolution spotlight data with Dual Scale PSI	Rabus, Bernhard - Simon Fraser University, Applied Sciences, School of Engineering
<u>HYD0836</u>	Analysis of penetration depth of X,C and L-band for groundwater and moisture level change measurement	Poncos, Valentin - Kepler Space Inc. / University of Calgary, SAR systems and exploitation
<u>HYD0936</u>	Sub-surface ice detection with dual-polarimetry high resolution SAR images and Ground Penetrating Radar in the Houghton crater, Devon Island-Nunavut, Canada.	Normand, Jonathan - Université du Québec à Montréal, Géographie
<u>HYD0979</u>	Assimilation of radar data to estimate frozen soils	Magagi, Ramata - University of Sherbrooke, Applied géomatique
<u>HYD0981</u>	Estimation of thaw processes in an arctic tundra landscape	Sobiech, Jennifer - Alfred Wegener Institute, Geosciences, Periglacial Research
<u>HYD0998</u>	Evaluation of snow characteristics in a subarctic region using multi-polarized and multi-frequency SAR data	Bernier, Monique - INRS, Eau, Terre et Environnement
<u>LAN0837</u>	RepeatPass TerraSAR-X to Monitor Tillage Activities to Support Sustainable Agriculture for Canada	McNairn, Heather - Canadian Federal Government, Agriculture and Agri-Food Canada
<u>LAN0887</u>	Utilizing TerraSAR-X data for monitoring surface movements, induced by near-surface and deep fluid circulations in the Thuringian Basin, using differential SAR interferometry techniques (AQUI-DEF-Thuringia).	Thiel, Christian - Friedrich-Schiller University, Institute of Geography / Geoinformatics
LAN0901	The application of multi-frequency and multi-polarization SAR data for annual land use inventories in biodiversity conservation (SARabico)	Erasmí, Stefan - Georg-August-Universität Göttingen, Inst. of

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		Geography, Dept. of Cartography, GIS and Remote Sensing
<u>LAN0912</u>	In-Season Crop Mapping Using Multi-Frequency SAR	SHANG, JIALI - Agriculture and Agri-Food Canada, Research Branch
<u>LAN0918</u>	Seasonly changes on classification of tropical and temperate forests by polarimetric analysis of SAR data	López Hernández, Juan Ygnacio - University of Freiburg, FELIS
<u>LAN0922</u>	Synergistic use of Radarsat-2 and TerraSAR-X for monitoring vegetation distribution, growth and phenology in the Amazon floodplain wetlands	Silva, Thiago - São Paulo State University (UNESP), Geography Department, Rio Claro campus
LAN0996	Multiseasonal remote sensing for vegetation monitoring	Metz, Annekatrin - University of Osnabrueck, Institute for Geoinformatics and Remote Sensing
LAN1138	Detection of Third Party Encroachment Along Pipeline Right of Ways using TerraSAR-X Imagery	Power, Desmond - C-CORE, Memorial University of Newfoundland
<u>MTH0835</u>	On the use of SAR High Resolution Spotlight data for Persistent Scatterers and Tomographic analysis	Poncos, Valentin - Kepler Space Inc. / University of Calgary, SAR systems and exploitation
<u>MTH1182</u>	Algorithm development for cardinal effects correction on SAR images.	Codjia, Claude - Université du Québec à Montréal, Géographie
<u>OCE0983</u>	Influence of melt-freeze cycling and ice surface flooding on C- and X-band multipolarization signatures of snow covered Antarctic sea ice	Scharien, Randall - University of Manitoba, Centre for Earth Observation Science
<u>OCE0990</u>	Comparison of TerraSAR-X and Multi-Frequency/Multi-Polarization Scatterometer Data (ComTeSS)	Gade, Martin - Universität Hamburg, Institut für Meereskunde
<u>OCE0995</u>	Detecting and Tracking Small Scale Eddies in the Black Sea and the Baltic Sea Using High-Resolution RADARSAT-2 and TerraSAR-X Imagery (DTEddie)	Dreschler-Fischer, Leonie S. - Universität Hamburg, Fachbereich Informatik
<u>RES0921</u>	Mapping and estimating biophysical parameters of energy crops using TerraSAR-X and Radarsat-2 data	Waske, Björn - Freie Universität Berlin, Institut für Geographische Wissenschaften
<u>RES0934</u>	Ground motion monitoring with InSAR for a potential Sub-surface CO2 injection in a basaltic aquifer, in Pendleton, OR.	Normand, Jonathan - Université du Québec à Montréal, Géographie
<u>RES0986</u>	Evaluating the potential of multiple sources of remote sensing data to support Public Sustainable Forest Management (SFM) in distinct tropical rain forest sites	Liesenberg, Veraldo - Technische Universität Bergakademie Freiberg, Institut fuer Geologie