

## DLR TerraSAR-X Announcement of Opportunity in relation to IPY

The following approved TerraSAR-X proposals make reference to the IPY (the first column is the TerraSAR-X AO proposal ID).

| <b>TerraSAR-X AO Proposal ID</b> | <b>Principal Investigator</b>              | <b>Title</b>  | <b>IPY Project</b>  |
|----------------------------------|--|---|---|
| COA0195                          | Ronald Saper (Vantage Point International) | TerraSAR-X for coastline and delta mapping  | Indirect link to EoI 127 (Canada#87)  |
| HYD0270                          | Alexander Braun (Uni Calgary)              | Ice, sea ice and snow cover changes observed with TerraSAR-X, altimetry and in-situ data                                  | ID: 185 Polar Earth Observing Network (POLENET) & ID 118 (The Greenland Ice Sheet – Stability, History and Evolution)               |
| LAN0013                          | Mathias Braun (Uni Bonn)                   | TERRA-POLAR - Multi-temporal TERRASAR-X Imagery in Support of Climate Sensitivity Studies of Sub-Polar and Polar Glaciers | ID: 267 Comprehensive Meteorological dataset of active IPY Antarctic measurement phase for Scientific and applied Studies (COMPASS) |
| LAN 0066                         | Jen Jezek (Ohio State Univ.)               | Flow Dynamics of Fast Glaciers  | ID: 91 Global Inter-agency IPY Polar Snapshot Year (GIIPSY)   |
| MTH0123                          | Wolfgang Rack (AWI)                        | High resolution mapping of the dry snow zone boundary and its variability in polar regions                                | ID: 107 IPY in the Antarctic Peninsula (IPY-AP)   |
| MTH0176                          | Kjell Arild Hogda (Norut IT)               | X-band SAR feasibility for glacier facies studies at Svalbard   | ID: 907 A Novel Approach to Radar Analysis of the Cryosphere (NARAC)  |
| OCE0116                          | Detlef Stammer (Uni Hamburg)               | The potential of TerraSAR-X dual-polarization data for dedicated tasks in sea-ice remote sensing                          | ID: 38 OASIS – IPY EoI 308: Measuring Arctic Sea Ice Microwave Backscatter  |

Executive Summaries of all TerraSAR-X proposals can be viewed under:

<http://sss.terrasar-x.dlr.de/> (then go to 'Proposals')