

→ **POLINSAR 2013**

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# Seed questions for Application on Ocean and Cryosphere

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1. *What applications within the fields of ocean and cryosphere justify polarimetry compared to less complex systems? What benefits can be obtained using polSAR data (scattering mechanisms, estimation of multiple parameters, ....)*
2. *How can cooperative missions PolSAR applications (multiple sensors, multiple frequencies)? For which applications is combining of data beneficial?*
3. *Are there any major inadequacies with respect to e.g. frequency, polarisation, and repeat cycle that can be identified with the present and near future satellite SAR systems for operational applications within the fields of ocean and cryosphere?*
4. *Are the tools available today, i.e. decompositions methods, classification methods, filtering methods, etc. sufficient, or are there serious deficiencies for the applications within the fields of ocean and cryosphere?*
5. *Are there any operational benefits of polarimetry? How much has been done? How much is still to do?*