

DUE GlobPermafrost Phase I

List of oral and poster presentations at the ESA Living Planet Symposium, Prague, 2016.

(Authors in bold are part of the ESA GlobPermafrost team)

Oral presentations:

Bartsch, Annett; Kroisleitner, Christine; Heim, Birgit: An assessment of permafrost long-term monitoring sites with circumpolar satellite derived datasets, Permafrost and Freshwater Ice Session.

Posters:

Altena, Bas; **Kääb, Andreas:** On the co-registration of optical satellite imagery over high-mountain glaciers, Cryosphere Poster Session.

Ambrosi, Christian; **Strozzi, Tazio;** Scapozza, Cristian; Wegmüller, Urs: Landslide Hazard Assessment in the Himalayas (Nepal and Bhutan) based on Earth-Observation Data, Hazards Poster Session.

Bartsch, Annett; Grosse, Guido; Kääb, Andreas; Westermann, Sebastian; Strozzi, Tazio; Wiesmann, Andreas; Duguay, Claude; Seifert, Frank Martin: GlobPermafrost - How Space Supports Understanding of Permafrost?, Cryosphere Poster Session.

Grosse, Guido; R. Lindgren, Prajna; **Nitze, Ingmar;** Jones, Benjamin M.; Walter Anthony, Katey M.; Arp, Christopher D.; Romanovsky, Vladimir E.: Observing 65 Years of Lake Change in Permafrost Regions of Western Alaska with Remote Sensing Data, Cryosphere Poster Session.

Günther, Frank; Grosse, Guido; Overduin, Pier Paul; Veremeeva, Aleksandra A.; Grigoriev, Mikhail N.: Change detection of permafrost thaw dynamics across resolutions: From low to high spatial and temporal observations on the Bykovsky Peninsula, Lena Delta, East Siberia, Cryosphere Poster Session.

Heim, Birgit; Bartsch, Annett; Beamish, Alison; Buchhorn, Marcel; Dvornikov, Yuri; **Widhalm, Barbara;** Morgenstern, Ann; Leibman, Marina: SPOT5 Take 5 – Applications for Northern Permafrost Landscapes, Cryosphere Poster Session.

Kääb, Andreas; Winsvold, Solveig: The potential of Sentinel-2 for investigating glaciers, permafrost and related natural hazards, Cryosphere Poster Session.

Nitze, Ingmar; Grosse, Guido: Thermokarst lake dynamics across the Arctic based on Landsat time-series, Cryosphere Poster Session.

Stettner, Samuel; Lantuit, Hugues; **Bartsch, Annett; Heim, Birgit; Grosse, Guido; Roth, Achim; Widhalm, Barbara;** Antonova, Sofia: Exploring the applicability of high temporal resolution SAR for monitoring permafrost landscapes, Cryosphere Poster Session.

Surdu, Cristina; Fernández Prieto, Diego; **Duguay, Claude;** Brown, Laura: Ice Regimes of Thermokarst Lakes in the Arctic Lena Delta Based on Spaceborne Data Analysis (1997-2015), Cryosphere Poster Session.

Widhalm, Barbara; Bartsch, Annett; Siewert, Matthias; Hugelius, Gustaf; Elberling, Bo; Leibman, Marina; Dvornikov, Yury: LAND-117 - Site Scale Wetness Classification of Tundra Regions with C-Band SAR Satellite Data, Land Poster Session.