

**PRESENTATIONS**

ORAL/ POSTER	Number (see Program)	Topics:	
<b>(A) Remote Sensing Techniques</b>			
O	120	Kite aerial photography in high mountain ecosystem research	D. Wundram, J. Löffler
O	122	Mapping and monitoring glacial and periglacial phenomena with airborne laser scanning technology	T. Geist, J. Stötter
O	123	Operational Use of Airborne Laser Scanning for Forestry Applications in Complex Mountainous Terrain	M. Hollaus, W. Wagner
P	127	Terrestrial laser scanning for glacier monitoring: A comparison to standard geodetic and photogrammetric methods, and documentation of the glacier retreat of Goessnitzkees (Schober Group, Austria) between 2000 and 2005	A. Bauer, V. Kaufmann, A., Kellerer-Pirklbauer, M. Avian, G. Paar
O	133	Problems of an Aerial Application of Close-Range-Photogrammetry Methods to Counter Adverse Weather Condition Problems of Survey Flights in Mountainous Terrain	L. Gleitsmann, M. Kappas
O	142	Generation of Digital Surface Models from Very High Resolution Optical Stereo Data in Alpine Regions	K. Gutjahr, H. Raggam
O	143	High Accuracy 3D Satellite Image Data Processing for Mountainous Regions	A. Gruen
O	145	Direct georeferencing in alpine environments from a helicopter	K. Legat, J. Skaloud, P. Schär
P	165	Determination of spatial snow depth distribution on slopes using terrestrial laser-scanner	A. Prokop
O	169	Airborne laser scanning and radar interferometry for digital topographic modelling and flood risk assessment.	A. L. Mitchell, L. Ge, H.-C. Chang, L. Hazell, T. Milne
<b>B Morphological Mapping</b>			
O	101	The Derivation of Indicators for Landslide Detection Using Very High Resolution Satellite Imagery	K. Granica, M. Hirschmugl, H. Proske, M. Schardt, A. Wimmer
O	113	Multitemporal optical satellite data, digital elevation models and spatial data for the mapping of landslides and landslide hazard zonation on a regional scale	T. Drey, T. Glade
P	138	3D Multisensor Study of the Geology and Geomorphology of Quomolangma Feng (Mt Everest), Tibetan Himalayas	G. Bax, M. Searle
P	175	Geomorphological mapping in Mid-Wales, UK, based on remotely sensed data	E. Sahlin, N. F. Glasser
O	172	An Automated Method to Outline the Ice Extension of Debris-Covered Glaciers Based on ASTER Imagery	M. F. Buchroithner, T. Bolch, A. Kunert
<b>C Monitoring of Environment</b>			
P	110	The retreat of the Pasterze glacier (Austria) from 1996 to 2005 – combination of different data sets for spatial analysis	M. Avian, A. Kellerer-Pirklbauer, G. K. Lieb
O	112	Glacier Mass Balance and Runoff Modelling using Satellite Data	T. Nagler, H. Rott
O	114	Relationships between landform and phyto-diversity in the Turtmann valley, Switzerland	K. Kleinod, G. Menz
O	124	Habitat Monitoring in Alpine Regions by Means of QuickBird Data	M. Nutz, U. Schmitt, M. Schardt
P	130	Integration of different kind of remote sensing data as a tool for quantitative analysis of glacier evolution	F. Villa, S. Sironi, M. DeAmicis, F. Zucca, A. Tamburini
O	139	Assessment of alpine protection forest parameters based on Lidar data and Spot V satellite imagery	R. Wack, H. Stelzl
P	136	The recessions of the Pasterze Glacier, Austria, as determined from maps, satellite imagery and ground measurements from 1864 to 2005	K. J. Bayr, D. K. Hall, S. Derrick

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O	147	Qualitative Hazard Assessment of Glacier Lakes in the Himalayas based on Remote Sensing Techniques	D. Leber
P	156	Difficulties in Mapping Geometry Changes on a High Arctic Glacier with Standard Remote Sensing Software	J. Deutscher
O	158	Assessment of current ongoing land cover changes in the Niedere Tauern range in Styria / Austria	H. Gallaun
P	163	Land degradation based on space imagery in the mountainous areas of western Anatolia	İ. Atalay, H.Cukur, G. Gunduzoglu
P	177	Landslide Mapping and Hazard Assesement	M.K. Pradhan, D. Wangda
P	176	Mapping potential of high resolution space images in mountainous urban areas	Derya Maktav
O	174	Ecology of the Mountainous Environment as a Complex System	Saturnino Leguizamón
P	179	Mapping of mass balance parameters on Mýrdalsjökull, Iceland, by optical and radar remote sensing data	J. Jaenicke, K. Scharrer, U. Münzer, Á. Gudmundsson
P	180	Digital assessment of glacier changes from repeat Landsat TM and ETM+ satellite data: a pilot study across the Bhutanese Himalayas	M. Avian, A. Kääb
P	181	Snow and Vegetation Monitoring in the Scandinavian Mountains	J.Amlien
O	182	Regional Mapping of Regione Piemonte Using Airborne Interferometric Radar Mapping	H. MacKay, M. Mason
<b>D Permafrost Studies and Rock Glacier Monitoring</b>			
O	111	Application of ERS InSAR for detecting slope movement in a periglacial mountain environment (western Valais Alps, Switzerland)	R. Delaloye, C. Lambiel, R.Lugon, H. Raetzo, T.Strozzi
O	137	Paraglacial talus instability in recently deglaciated cirques: Schober group, Austria	A. Kellerer-Pirklbauer, V. Kaufmann
P	132	Short-term changes in surface velocities on the Becs-de-Bosson rock glacier (western Swiss Alps).	E. Perruchoud, R. Delaloye
P	144	Mapping of the 3D surface motion field of Doesen rock glacier (Ankogel group, Austria) and its spatio-temporal change (1954-1998) by means of digital photogrammetry	R. Ladstädter, V. Kaufmann
O	159	Creep of Three Alpine Rock Glaciers – Observation and Modelling (Ötztal- and Stubai Alps, Austria)	H. Hausmann, K. Krainer, E. Brückl, W. Mostler
P	162	Geodesic and photogrammetric techniques for the cartographic production and the observation of the geomorphic dynamic of the Corral del Veleta active rock glacier. (Sierra Nevada, Spain)	José Juan de Sanjosé Blasco, Alan D.J. Atkinson Gordo, Ferran Salvador Franch, Antonio Gómez Ortiz, Javier de Matías Bejarano
<b>E High Mountain Cartography and 3D Relief Depiction</b>			
O	155	About life and work of a patriarch of Austrian Alpine Cartography	G. Brandstätter
O	107	Satellite Image and Relief Representation A Contribution to the Theory of Mountain Cartography	R. Kostka
P	161	Cartographic Production (1997 – 2003) of the Popcatépetl (Mexico) and the Ventorillo glacier for the analysis of hydro volcanic risks	J.J.de Sanjosé Blasco, A. D. J. Atkinson Gordo, N. A. de Pablo, J. J. Zamorano Orozco, D. Palacios Estremera, J. de Matías Bejarano
O	173	Continuous Datasets from Satellite Imagery for Land Cover Mapping in Mountain Cartography.	M. Gamache
P	183	Cerro Aconcagua Sat-Map	T. Blazej , P. Fink , R. Kostka , W. Sulzer
P	190	3-D Visualization of Alpine Environments	A. Almer, H. Stelzl
<b>F Hybrid Solutions of GIS and Remote Sensing</b>			
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P	185	The diversity of nature and how to manage it with Geo-Technologies. Experiences in sustainability got from the fieldwork in Hohentauern (Austria)	J. Gspurning, W. Sulzer
P	186	CLUE-Complex Landscape Units for Environmental assessment and modelling	L. Dragut, T. Blaschke
<b>G Methodological Improvements concerning HMRSC</b>			
O	116	A new semi-automatic tool for 3-dimensional landform mapping	M. Schneider, J.-Chr. Otto
P	134	Forest Canopy Estimation using k-Nearest Neighbour algorithm in Mountain Regions of Northern Sichuan	J. Nieminen, P. Zhou, T. Tokola
O	135	Object-oriented classification of alpine landforms from ASTER scenes (Reintal, Bavarian Alps)	N. J. Schneevoigt, T. Kellenberger, L. Schrott, A. Kääh
O	160	Automated boundary delineation and spatial change assessment of Alpine habitats	E. Weinke, S. Lang
O	184	Mountain Environment Knowledge Hub initiatives in the Hindu-Kush-Himalayan Region	B. Shresta
<b>H Education</b>			
O	125	„Mountains from Space“ – a book based on remote sensing data for supporting public understanding of science	N. Sparwasser, R. Meisner, T. Andresen, S. Dech
O	141	Earth observation education in the Hindu Kush - Himalayan Region, an ESA initiative	J. Lichtenegger, P. B. Sorensen, M. Fea, J.-C. Bigot
O	149	An Integrated Design of a Geospatial Program with an Information Technology Core	R. L. Jones, J.O. Brumfield, J.Northeimer
O	178	Monitoring Glaciers and Glacial Lakes – A Case Study for Eduspace	M.K. Pradhan, D. Wangda
<b>I Miscellaneous</b>			
P	188	Alpine Institute for Applied Remote Sensing	Chr. Steurer, M. Zebisch
P	189	Maps of Leonhard Brandstätter	G. Brandstätter