

Time	Sunday 01 March	Monday 02 March	Tuesday 03 March	Wednesday 04 March	Thursday 05 March	Friday 6 March
7:30		Registration				
8:00						
8:30		Welcome/Introduction	Recap / Announcement	Recap / Announcement	Recap / Announcement	Recap / Announcement
8:40			Keynote - Glacier Hydrology	Open Spaces	Keynote - Processes	Keynote - Impacts
9:00		Keynote - Glacier Change				
9:20			Glacier Hydrology 1		Processes 1	Permafrost Breakout (Durbar Room)
9:40		Glacier Change 1			Table Synthesis	Impacts 1
10:00	Media Briefing (10:00 - 11:00)	Table Synthesis	Table Synthesis			Table Synthesis
10:20		Tea/Coffee (GROUP PHOTO)	Tea/Coffee	Tea/Coffee	Tea/Coffee	Tea/Coffee
10:30		Glacier Change 2	Glacier Hydrology 2	Open Spaces	Processes 2	Permafrost Breakout (Durbar Room)
10:50			PARALLEL SESSION: Permafrost (Durbar Room)			Dynamics 2
11:10						
11:30						
11:50	Scientific Steering Committee	Table Synthesis	Table Synthesis	Table Synthesis	Table Synthesis	Table Synthesis
12:10	Lunch Meeting (12:00 - 13:00)	Lunch (12:20 - 13:40)	Lunch (12:20 - 13:40)	Bag Lunch + Buses	Lunch (12:20 - 13:30)	Lunch (12:20 - 13:30)
12:20				Excursion (12:20 - 17:20)	AGM (13:00 - 14:00)	
12:40						
13:00						
13:20						
13:40		Meteorology/Downscaling	Poster Session II (13:30 - 15:00) Glacier Hydrology/Hazards Glacier Change/Permafrost		Poster Session III (13:30 - 15:00) Processes/Impacts Dynamics	Impacts 2
14:00	Registration	Table Synthesis	PASSPORT		PASSPORT	Table Synthesis
14:20		Tea/Coffee	Tea/Coffee		Tea/Coffee	Tea/Coffee
14:40		Glacier Change 3				
14:50			Glacier Change IV	PARALLEL SESSION: Hazards (Durbar Room)	Dynamics 1	Closing/Final Synthesis
15:10						
15:30						
15:50						
16:10	Young Scientist Panel (Public Event)	Table Synthesis				
16:20		Poster Session I (16:20 - 18:00)				
16:40	16:00 - 17:00	Glacier Change I				
17:00	Yak and Yeti Ballroom	Meteorology/Downscaling	Table Synthesis	Table Synthesis	Table Synthesis	Table Synthesis
17:20		BINGO				
17:40						
18:00	ICIMOD Reception Dinner		POST-SYMPOSIUM EXCURSION: briefing and payments with Glacier Safari Treks (17:30 - 18:30)		ICIMOD Banquet	
18:20	Yak and Yeti Gardens				Student Awards (IACS)	
18:40					Poster Passport Draw	
19:00					Yak and Yeti Gardens	
19:20						
19:40						
20:00				Public Documentary Night: The Himalayas: The Abode of Snows "Ask A Scientist" (19:00 - 20:30)		
20:20						
20:40						
21:00						

MONDAY MORNING				
Time	ID	Title	Presenter	
7:30		Registration		
8:00				
8:30		Welcome/Introduction		
8:40				
Glacier Change 1 (Convener: Tobias Bolch)				
9:00	71A1444	<b>Keynote:</b> Satellite altimetry estimates of early 21st century glacier volume change over the Pamir-Karakoram-Himalaya	Andreas	Kääb
9:20				
9:40	71A1513	Climate regime and sensitivity of Asian glaciers revealed by GAMDAM Glacier Inventory	Koji	Fujita
10:00	71A1509	Glacier shrinkage across High Mountain Asia	J. Graham	Cogley
10:20		Synthesis		
10:30	Tea/Coffee	<b>(GROUP PHOTO at 10:30 in ATRIUM)</b>		
Glacier Change 2 (Convener: Etienne Berthier)				
10:50	71A1643	What's up with the glaciers in the Karakoram?	Frank	Paul
	71A1410	Comparison of measured glacier mass balance data in the Tian Shan and Pamir Mountains, Central Asia, with GRACE satellite gravimetry	Sabine	Baumann
11:10				
11:30	71A1401*	Glacier changes during the last five decades in the different basins of Himachal Himalaya: an overview and specific examples	Pritam	Chand
11:50	71A1629	Heterogeneous mass changes of glaciers in Shimshal Valley (Central Karakoram) 1974-2008	Tobias	Bolch
12:10		Synthesis		
12:20 - 13:40 Lunch				
MONDAY AFTERNOON				
Meteorology/Downscaling/Climate Change (Convener: Nadine Salzmann)				
13:40	71A1529	High-resolution modelling of atmospheric dynamics in the Nepalese Himalaya	Emily	Collier
14:00	71A1495*	The Relationship of ENSO and ion record of a Mt. Qomolangma (Everest) ice core	Chaomin	Wang
14:20	71A1525*	Past and future warming over the Western Himalayan Region of India: An empirical statistical downscaling approach	Monami	Dutta
14:40		Synthesis		
14:50	Tea/Coffee			
Glacier Change 3 (Convener: Patrick Wagnon)				
15:10	71A1422	Current evolution of the cryosphere related to climate change and atmospheric composition: consequences on water resources in the Koshi basin, Nepal	Yves	Arnaud
15:30	71A1601*	Sensitivity of glaciers thickness changes in the western Himalaya-Karakoram during 2003-2014	Sher	Muhammad
15:50	71A1485*	Study of spatial variation in elevation change of glaciers of Chandra – Bhaga basin using differential SAR interferometry	Pratima	Pandey
16:10		Synthesis		
Poster Session I - 16:30 - 18:00				
16:30	Glacier Change 1, Meteorology/Downscaling/Climate Change			
17:00				
17:30	* Refreshments (Cash bar)			
18:00	* <b>Glaciologist Bingo</b>			

TUESDAY MORNING				
Time	ID	Title	Presenter	
8:30		Recap/Announcements		
<b>Glacier Hydrology 1 (Convener: Joseph Shea)</b>				
8:40	71A1433	<b>Keynote:</b> The temporal evolution of the unsustainable increase in water availability from melting glaciers	Ben	Marzeion
9:00				
9:20	71A1455*	Hydrological implications of glacier mass changes in High Mountain Asia derived from ICESat laser altimetry	Désirée	Treichler
9:40	71A1498	Energy balance based snow and glacier melt runoff modeling in the river basins of Nepal Himalaya and Pakistan Karakoram regions.	Maheswor	Shrestha
10:00	71A1619	Rising river flows throughout the 21st century in High Mountain Asia	Walter	Immerzeel
10:20		Synthesis		
10:30		Tea/Coffee		
<b>Glacier Hydrology 2 (Convener: Walter Immerzeel)</b>				
10:50	71A1597	Using geochemical and isotopic chemistry to evaluate glacier melt contributions to the Bumthang River, Bhutan	Alana	Wilson
11:10	71A1474*	Hydrological Modeling at the Inylchek Glaciers, Central Tian Shan	Elizabeth	Mayr
11:30	71A1596	Glacier meltwater contribution to the Upper Indus Watershed	Michelle	Koppes
11:50	71A1413	Combining modelling and satellite observations to estimate seasonal snow water equivalent in high mountain regions	Tuomo	Saloranta
12:10		Synthesis		
<b>PARALLEL SESSION: Permafrost (Convener: Dorothea Stumm)</b>				
10:50	71A1605	Permafrost and permafrost thaw in the Hindu Kush Himalaya Region: What do we know today?	Stephan	Gruber
11:10	71A1640	Probing debris-covered glaciers and ice-rich permafrost in the Khumbu Region of the central Himalaya using InSAR	Adam	Barker
11:30	71A1571	Ground ice melt in the catchment runoff in the Himalayan cold-arid system	Renoj	Thayyen
11:50	71A1439	Spatial variability in seasonal frost and soil moisture investigated by high-frequency ground-penetrating radar at the southern margin of the sporadic permafrost zone on the Tibetan Plateau	Yinsheng	Zhang
12:10		Synthesis		

12:20 - 13:40 - Lunch

TUESDAY AFTERNOON				
<b>Poster Session II - 13:30 - 15:30 (Tea and Coffee served at 15:00)</b>				
13:30	<b>Glacier Hydrology, Glacier Hazards, Glacier Change 2(Debris-covered glaciers and mass balance), Permafrost</b>			
14:00				
14:30				
15:00	<b>Poster Passport</b>			
<b>Glacier Change 4 - Debris-covered glaciers (Convener: Koji Fujita)</b>				
15:30	71A1490	A method to estimate the avalanche contribution to the mass balance of debris covered glaciers	Argha	Bannerjee
15:50	71A1551*	Energy balance model and surface mass fluctuation on the debris-covered ablation zone of Chorabari Glacier, Central Himalaya, India	Kapil	Kesarwani
16:10	71A1626	Present and future runoff from a Central Himalayan watershed: the role of debris-covered glaciers	Francesca	Pellicciotti
16:30	71A1411*	Spatial variability in supraglacial debris properties of Khumbu Glacier, Nepal Himalaya	Morgan	Gibson
16:50	71A1570*	Mass balances of Chhota Shigri Glacier (Western Himalaya), India	Mohd Farooq	Azam
17:10		Synthesis		
<b>Parallel Session - Hazards (Convener: Christian Vincent)</b>				
15:30	71A1532	Comparison of Simulated Powder Snow Avalanche Velocities, Volumes and Flow Widths with Photogrammetric Measurements	Lisa	Dreier
15:50	71A1543	Probabilistic numerical modelling of Himalayan Glacial Lake Outburst Floods	Matt	Westoby
16:10	71A1607*	A Geospatial approach to monitor glacial lake expansion in the Chandra basin of Western Himalaya	Lavkush Kumar	Patel
16:30	71A1467	Surface area variations of glacial lakes are easily measurable signal of climate change drivers in Himalaya: the case study of Mt Everest over the last 50 years	Franco	Salerno
16:50		Synthesis		

WEDNESDAY MORNING			
Time	ID	Title	Presenter
8:30		Recap/Announcements	
<b>OPEN SPACES</b>			
8:40			
9:00			
9:20			
9:40			
10:00			
10:20			
10:30	Tea/Coffee		
<b>OPEN SPACES</b>			
10:50			
11:10			
11:30			
11:50			
12:00			

**WEDNESDAY AFTERNOON**

*Bhaktapur or Nagarjun. Buses depart Hotel Yak and Yeti at 12:20, and will return at approximately 17:20*

Public Movie Screening of Himalayas: Abode of Snows at QFX Jai Nepal Cinemas

THURSDAY MORNING				
Time	ID	Title	Presenter	
8:30		Recap/Announcements		
<b>Processes 1 (Convener: Francesca Pellicciotti)</b>				
8:40	71A1483	<b>Keynote:</b> Impact of BC and dust on the seasonal snowpack of the high altitude regions of the Himalaya	Hans-Werner	Jacobi
9:00				
9:20	71A1579	General circulation model estimates of aerosol radiative effects and its implication to hydrology over Hindu Kush – Himalayan (HKH) region	Shubha	Verna
9:40	71A1470*	Regional characteristics of glacier surface energy and mass balance on the Tibetan Plateau	Eva	Huintjes
10:00	71A1431	What kind of black carbon is melting Himalayan and Tibetan Plateau glaciers?	Shichang	Kang
10:20		Synthesis		
10:30		Tea/Coffee		
<b>Processes 2 (Convener: Patrick Wagnon)</b>				
10:50	71A1567	A physically-based model for the energy and mass fluxes across the ice/debris/snow/atmosphere continuum, with potential for year-round simulations of the mass balance of debris-covered glaciers	Yves	Lejeune
11:10	71A1520*	Model-based assessments of glacier melt response and hydrological impact on rivers in High Mountain Asia under a high-emission climate scenario	Megumi	Watanabe
11:30	71A1423*	A grid-based model of backwasting of supraglacial ice cliffs over debris-covered glaciers	Pascal	Buri
11:50	71A1507	Factors controlling meltwater discharge of Chhota Shigri Glacier, Himachal Pradesh, India	Ramanathan	Alagappan(AL)
12:10		Synthesis		

12:20 - 13:40 - Lunch

THURSDAY AFTERNOON				
<b>Poster Session III - 13:30 - 15:30 (Tea and Coffee served at 15:00)</b>				
13:30	<b>Processes, Glacier Dynamics, Impacts</b>			
14:00				
14:30				
15:00	<b>Poster Passport</b>			
<b>Dynamics (Convener: Surendra Adikhari)</b>				
15:30	71A1587*	Glacier dynamics in the Himalayas over the last four decades using satellite remote sensing	Lavanya	Ashokkumar
15:50	71A1421*	Refined energy-balance modelling of a supraglacial lake, Langtang Khola, Nepal	Evan	Miles
16:10	71A1436*	Glacier dynamics of the Pamir-Karakoram-Himalaya region over the last 40 years	Amaury	Dehecq
16:30	71A1404*	Multi-temporal monitoring of debris-covered glacier surfaces using unmanned aerial vehicles	Philip	Kraaijenbrink
16:50	71A1516*	Geodetic mass balance of Gangju La Glacier, Bhutan Himalayas from 2004 to 2014	Phuntsho	Tshering
17:10		Synthesis		
<b>PARALLEL SESSION: Glacier Change 6 (Convener: Graham Cogley)</b>				
15:30	71A1538*	Hypsometric analysis of Hindu Kush Himalayan glaciers to characterise spatially variable glacial imprints	Lydia	Sam
15:50	71A1504	Holocene and late Pleistocene glacier fluctuations in Mongolia	Frank	Lemkuhl
16:10	71A1332*	Combining Spectral, Topographic and SAR Coherence Data Within an Object Based Classification Environment for the Automatic Delineation of Debris Covered Ice	Benjamin Aubrey	Robson
16:30	71A1600*	Glaciers, erosion and climate change in the Khumbu Basin, Nepal	Adam	Barker
16:50	71A1540*	Mass balance reconstruction for Glacier No. 354, Akshirak, Inner Tien Shan from 2003 to 2014	Marlene	Kronenberg
17:10		Synthesis		

FRIDAY MORNING				
Time	ID	Title	Presenter	
8:30		Recap/Announcements		
<b>Impacts 1 (Convener: Arun Shrestha)</b>				
8:40	71A1487	<b>Keynote:</b> Glacier volume and area change by 2050 in high mountain Asia	Liyun	Zhao
9:00				
9:20	71A1503	The sea-level fingerprint of recently calibrated ongoing global glacier retreat	Surendra	Adhikari
9:40	71A1665	Meltwater resources in the Greater Himalaya and Aral Sea region in the past 50 years	Xenia	Savoskul
10:00	71A1632	Application of a distributed hydrological model to estimate water balance of the Koshi River basin	Santosh	Nepal
10:20		Synthesis		
10:30	Tea/Coffee			
<b>Dynamics 2 (Convener: Stephan Gruber)</b>				
10:50	71A1462	Batura Glacier and the 'Karakoram Anomaly'	Matthias	Winiger
11:10	71A1510	Numerical simulation of ice velocity and changes in the future for SH No.4 glacier	Wu	Zhen
11:30	71A1641	Geomorphologic feedbacks on the climate sensitivity of debris-covered glaciers	Dirk	Scherler
11:50	71A1473	Direct inversion of surface data for the bedrock profile and the slip parameter in the lower ablation zone of Satopanth glacier, Central Himalaya	Ramachandran	Shankar
12:10		Synthesis		

12:20 - 13:40 - Lunch

FRIDAY AFTERNOON				
<b>Impacts 2 (Convener: Shichang Kang)</b>				
13:40	71A1560	Long term reaction of Baltoro Glacier, Pakistan, to environmental change	Christoph	Mayer
14:00	71A1576	Understanding streamflow changes in glacierized headwater catchments of the Tarim River: attribution of past and projection of future changes based on hydrological modelling	Doris	Duethemann
14:20	71A1502	Variation of annual accumulation from an ice core in western Qilian Mts. in China and its relationships with atmospheric circulation	Wentao	Du
14:40	71A1590	Tien Shan's glacier mass changes during the last half-century and implications for glacier melt contribution	Sergiy	Vorogushyn
15:00		Synthesis		
15:10	Tea/Coffee			
15:30		Final Synthesis / Closing		
15:50				
16:10				

**POSTER SESSION I - MONDAY 2 MARCH 16:30 - 18:00**

modified: 2015-02-26

<b>Glacier Change I - Regal Ballroom</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1333*	Glacier area Changes in the Ili River Watershed, 1960s to 2009	Junli Xu
71A1396	Identification of vulnerable glaciers in Nepal Himalaya inferred from Landsat data	Finu Shrestha
71A1406	Comparison of glaciological and geodetic mass balance at Urumqi Glacier No. 1, Tian Shan, Central Asia	Puyu Wang
71A1407	Changes in frontal positions of small glaciers in Sagarmatha area, eastern Nepal	Katsuhiko Asahi
71A1410	Comparison of measured glacier mass balance data in the Tian Shan and Pamir Mountains, Central Asia, with GRACE satellite gravimetry	Sabine Baumann
71A1415	Recent glacier and glacial lake changes and their interactions in the Bugyai Kangri, Southeast Tibet	Qiao Liu
71A1441	2004-2014 geodetic mass balances of western Himalaya glaciers derived from SPOT5 and Pléiades stereo images	Etienne Berthier
71A1451	Shrinkage of Satopanth and Bhagirath Kharak Glaciers in the recent past	H. C. Nainwal
71A1452	Mass balance of Potanin glacier, Mongolian Altai since 1970s	Keiko Konya
71A1454*	Reconstruction of climate conditions with respect to LIA glacier extents in southeastern Tibet	Eva Huintjes
71A1459	Shrinkage of Potanin Glacier since 1905, Mongolian Altai	Tsutomu Kadota
71A1461*	Decadal Glacier Surface Change in Mid-Eastern Nepal Himalayas using aerial photographs and satellite imageries	Sunal Ojha
71A1466*	Monitoring glacier extent and mass balance in Baspa basin, Western Himalaya.	Vinay Kumar Gaddam
71A1484*	Comparison of MODIS derived interannual variability of the equilibrium line altitude and its climatic forcings of glaciers across the Tibetan Plateau	Marinka Spieß
71A1489	Glacier changes from 1956-2008 in the Xiyang River basin, Eastern Qilian Mountain, China	Xiang Qin
71A1505	Glaciological observations in Suntar Khayata, east Siberia, 2012-2014	Tsutomu Kadota
71A1523	Elevation change of Kanchenjunga Glacier in the eastern Nepal Himalaya revealed by KH-9 Hexagon (1975) and ALOS PRISM (2010) stereo imageries	Damodar Lamsal
71A1548*	Scrutinizing glacier changes on the south slope of Mt. Everest using optical satellite imagery	Sudeep Thakuri
71A1550*	Modelling of Himalayan Catchment Glacier Retreat and Runoff	James Douglas
71A1557*	Ice-rock formations of north-western Inner Asia	Illya Volkov
71A1562	Mass-balance and runoff modelling in Himachal Pradesh, western Himalaya, India	Markus Engelhardt
71A1563	Glacier area changes in the Ak-Shyrak massif (Inner Tien Shan) since 2003	Dmitry Petrakov
71A1575*	Changes in glaciers and glacier systems of Balkhash-Alakol basin over the past decades	Larissa Kogutenko
71A1601*	Hunza, Gilgit and Astore valley glaciers elevation changes during 2003 to 2014 using ICESat and dGPS data	Sher Muhammad
71A1606*	Exposure age evidence of Late Pliocene to Late Quaternary glaciation in Ak-Shyrak, central Kyrgyz Tian Shan	Robin Blomdin
71A1610	Evaluation of glacier changes in high-mountain Asia based on 10 year GRACE RL05 models	Shuang Yi
71A1615	Mass and length changes of Yala Glacier, Langtang Valley, Nepal, based on in-situ and remote sensing data, 1956 – 2014	Sharad Joshi
71A1624*	Glacier change measurements in Yulong Snow Mountain, southwestern China using Landsat images from 1982 to 2013	Wei Yu
71A1627	Modelling glacier-bed overdeepenings and possible future lakes for the glacier areas in the Himalaya-Karakoram region	Andreas Linsbauer
71A1630	Glacier mass balance measurements in Bhutan	Miriam Jackson
71A1661	Integration of the new Chinese Glacier Inventory into GLIMS and its ramifications	Bruce Raup
71A1662	Mass Balance and Volumetric Glacier Change Analysis from 1968 to 2010 using Remote Sensing Geodetic Method	Mohd Anul Haq
71A1663	Glacier Change in Bhagirathi Ganga and Vishnu Ganga Basins Since 1968-2013	Mohd Anul Haq

<b>Meteorology, Downscaling, and Climate Change - Regency</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1405*	Recent development and expansion of supraglacial lakes on the debris-covered Baltoro Glacier system, Karakoram Himalayas – implications of climate change in the 21st century?	Bijeesh Kozhikkodan Veettil
71A1427*	Orographic control on the heterogeneous variations of long term precipitation data of a densely glaciated region in Himachal Himalaya, India	Arindan Mandal
71A1442	The 20th century warming preserved in a Mt. Geladaindong ice core, central Tibetan Plateau	Yulan Zhang
71A1457	Weak precipitation, warm winters and springs in the last two decades (1994-2013) impact glaciers of south slopes of Mt. Everest (central Himalaya)	Franco Salerno
71A1469*	Atmosphere Warming Revealed by Borehole Temperatures at Congce Ice Cap, Mt. West Kunlun	Zhengjie Qin
71A1486	Estimation of Rainfall Variability from TRMM Satellite Data Over Upper Ganga River Basin, Uttarakhand, India	Anoop Kumar Shukla
71A1488*	RCP Climate Change Projections for India and the Greater Himalayan Region, and the Response of Glaciers to Climate Drivers	Louise Parry
71A1497	Past temperature reconstruction from glacier length fluctuations in the Himalaya	Argha Bannerjee
71A1501*	High-resolution atmospheric Cd and Sb records in a high-altitude ice core from eastern Tien Shan, central Asia, during 1776-2004 AD	Chaomin Wang
71A1506	Altitudinal gradients of air temperature and precipitation constrained by long-term mass balances of Yala Glacier, Langtang Valley, Nepal Himalayas	Koji Fujita
71A1519	Chemical compositional difference of insoluble particles in snow between Himalayas and inland of Tibet Plateau: insights from individual particle analysis	Guangming Yu
71A1522*	Statistically Downscaled Annual Precipitation of CMIP3 GCMs over the lower Western Himalayas of India	Jitendra Kumar Meher
71A1527	Improvement of downscaling results over the IPCC's different assessments reports at high altitude station locations in the Western Himalayan Region of India	Lalu Das

**POSTER SESSION I - MONDAY 2 MARCH 16:30 - 18:00 (continued)**

<b>Meteorology, Downscaling, and Climate Change (continued) - Regency</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1536*	Study of surface area variation of Imja Glacial Lake, using GIS and remote sensing data, Khumbu region, Nepal	Mingma Yangji Sherpa
71A1539*	Winter surface energy balance in Chhota Shigri Glacier, Himachal Pradesh, India	Mohd. Soheb
71A1568*	Continuous flow analysis of impurities in mountain ice cores	Marius Simonsen
71A1569	The source(s) of Greenland dust in Asia	Paul Vallelonga
71A1574*	Investigation of Hydro-Climatic Interactions for two distinct river basins in the Karakoram Himalayas	Ahmad Waqas
71A1586*	Seasonal Mass Variability over Glaciated Himalayan Region from GRACE Data	Harika Munagapati
71A1593	Climate variability of the Greater Himalayas – implications for impacts and adaptation	Nadine Salzmann
71A1613	An R-package designed for climate and weather data analysis, empirical-statistical downscaling, and visualisation.	Abdelkader Mezghani
71A1645	Atmospheric Model Evaluation with Observation Data over the Himalayas	Vanisa Surapipith
71A1648	ICIMOD's Atmosphere Initiative: An Overview	Arnico Panday
71A1649	Present and future snowfall in the Indus, Ganges and Brahmaputra Basins	Ellen Viste
	Hydro-meteorological status of Nepal Himalaya	Niraj Pradhananga
71A1659	Characteristics of modern atmospheric dust deposition in snow in the Mt. Yulong region, southeastern Tibetan Plateau	Hewen Niu



**POSTER SESSION II - TUESDAY 02 MARCH, 13:30 - 15:30**

modified: 2015-02-26

<b>Glacier Hydrology - Regal Ballroom</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1329	Contribution of glacial melt to Liddar River: An isotopic approach	Gh Jeelani
71A1419*	Application of MODIS snow cover images to improve seasonal water forecasting	Olga Kalashnikova
71A1426*	Mass balance and runoff from Gangotri glacier using remote sensing methods	Anubha Agrawal
71A1463	Assessment of the hydrological components in the glacierized Dudh Koshi River catchment (Nepal)	Judith Eeckman
71A1479	Hydrological patterns of high altitude glacierized catchments of the Himalayas: the case study of Dudh Koshi river, Nepal.	Dibas Shrestha
71A1494	Use of positive degree-day model for calculating daily discharge from Langtang River, Nepal	Rijan Bhakta Kayastha
71A1530*	Use of Temperature Index Model for Calculating Daily Discharge from Sangda River, Tiri, Mustang, Nepal	Gunjan Silwal
71A1531	Glacio-hydrological processes in Shaune Garang Basin, Hiamchal Pradesh, India	Rajesh Kumar
71A1535*	Study of Sediment load of Langtang River of Rasuwa District, Nepal in 2014	Aastha Chhetri
71A1544	Climate change effects upon the Water Towers of Asia: a case study from the Upper Indus Basin	Andrea Soncini
71A1546	Meltwater chemistry and solute export from Sutri Dhaka glacier catchment, Chandra basin, Western Himalaya, India	Parmannand Sharma
71A1564*	Changes in glaciation of Balkhash-Alakol basin over the past decades and their impact on river's runoff and water resources	Larissa Kogutenko
71A1580*	Glaciated areas parameterization in a distributed hydrological model, application to Dudh Koshi catchment (Nepal)	Louise Mimeau
71A1581	Runoff scenarios for the Inylchek glacier region towards the end of this century	Wilfried Hagg
71A1594*	Applications of hydrochemistry data from the glacierized Langtang Valley, Nepal and Lahaul-Spiti Valley, India	Alana Wilson
71A1599	Variability of discharge in rivers draining glacierised basins in the Karakoram and western Himalaya	David Collins
71A1614	Advances in VIIRS snow information in high mountain Asia	Igor Appel
71A1622	Glaciological and hydrological sensitivities to climate change in the Hindu-Kush Himalayas	Joseph Shea
71A1632	Application of a distributed hydrological model to estimate water balance of the Koshi River basin	Santosh Nepal
71A1642	Assessing impact of cryospheric changes on discharges in Chandra River, Western Himalaya, India over the last 100 years using hydrometeorological proxies	Jose George Pottakkal
71A1651	Water budget of Kalandvatn, a high latitude lake in western Norway	Anthony Kettle
71A1652	Simulation of the Himalayan Beas river basin by a regional hydrometeorological modeling system	Lu Li
<b>Glacial Hazards - Regal Ballroom</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1388*	Glacier changes and glacial lake activities in the Eastern Himalayas over the last three decades: A case study in the Bhutan Himalayas	Bijeesh Kozhikkodan Veettil
71A1391	Why is a large glacial lake safe against GLOF ?	Hiroji Fushimi
71A1450*	Potentially dangerous glacial lakes in Chandra basin, tributary of Chenab basin, India	Chander Prakash
71A1464*	Model Predictions of Powder Snow Avalanche Flow Volumes	César Valero Vera
71A1465	Monitoring changes in lake area and damming moraine of Imja Glacial Lake in the Nepal Himalayas by high resolution TerraSAR-X	Ryuichi Chiba
71A1471*	Point-release Wet Snow Avalanches in High Mountain Terrain	Cesar Vera Valero
71A1481	Danger of GLOFs in the mountain areas of Kazakhstan	Viktor Blagovechshenskiy
71A1528*	Study on geomorphological status of Dig Tsho Glacial Lake and its downstream valley, Solukhumbu, Nepal	Tenzing Chogyal Sherpa
71A1620	RAMMS Risk – A Tool for Risk Mapping of Mass Movements	Michael Bründl
71A1664	Assessments of Glaciological and hydrological Dynamics and Potential Outburst Flood from the Imja Glacier-Lake, Everest Region, Nepal	Dhananjay Regmi
<b>Glacier Change II - Debris Covered Glaciers and Mass Balance - Regency</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1420	Surface mass balance in the debris-covered area of Changri Nup Glacier.	Christian Vincent
71A1428	The response of debris-covered, lake-calving glaciers to warming; Southern Alps, New Zealand	Andrew Mackintosh
71A1437*	Distribution and Characteristics of Surge-type Glacier in West Kunlun Shan, northwestern Tibetan Plateau, China	Takatoshi Yasuda
71A1472*	Re-analyzing seasonal mass balance observations at Abramov Glacier, Kyrgyzstan, from 1968 to 2013	Martina Barandun
71A1491	Understanding the climatic response of debris covered Himalayan glaciers from simple models	Argha Banerjee
71A1508*	Monitoring changes of snow cover in the glaciers, northern Pakistan, using Landsat images	Chaman Gul

**POSTER SESSION II - TUESDAY 02 MARCH, 13:30 - 15:30 (continued)**

<b>Glacier Change II - Debris Covered Glaciers and Mass Balance (continued) - Regency</b>		
71A1515	Glacier lake inventory of Bhutan using ALOS data: Part II. Coupling analysis of changes in lake and glacier	Hiroto Nagai
71A1521*	Quantification of changes in Supraglacial morphology and Annual Mass Balance of Dokriani Glacier, Central Himalaya, India.	Bhanu Pratap
71A1554	The use of unmanned aircraft system for mapping glaciers of the Tavan Bogd Mountains (Northwest Mongolia)	Margarita Syromyatina
71A1555*	Measuring supraglacial debris thickness with ground-penetrating radar	Michael McCarthy
71A1556*	Temporal and Spatial variability over the glacierized regime of Bhaga Basin, Western Himalaya, India during the past Half Century (1963-2013)	Farjana Birajdar
71A1583*	Region-wide glacier mass budgets and area changes for the Central Tien Shan since the 1970s using declassified stereoscopic imagery	Tino Pieczonka
71A1591	In-site glacier observation network in northwest China: Outline of results	Zhongqin Li
71A1616	Annual and seasonal mass balances of Yala and Rikha Samba Glacier	Dorothea Stumm
71A1617	Utilization of Remote sensing derived Equilibrium-Line Altitudes (ELA) for Glacier Mass Balance Estimations over Chhota Shigri Glacier, Himachal Pradesh, India	RAAJ. Ramsankaran
71A1633	Monitoring ablation and meltwater production from a debris-covered glacier in Nepal.	Philip R. Porter
71A1650*	Relating mass-wasting of debris-covered ice to topography and ELA, Jammu and Kashmir, from ASTER, SRTM and MODIS imagery	Alex Winter-Billington

<b>Permafrost - Regency</b>		
71A1439	Spatial variability in seasonal frost and soil moisture investigated by high-frequency ground-penetrating radar at the southern margin of the sporadic permafrost zone on the Tibetan	Yinsheng Zhang
71A1453	An exception of reduced winter runoff in permafrost area in the northeast Tibetan Plateau	Tanguang Gao
71A1480	First-order assessment of permafrost distribution in the Hindu Kush Himalayan region using rock glaciers mapped in Google Earth	Marc-Olivier Schmid
71A1549	Use of UAV for monitoring rock glaciers dynamics.	Paolo Pogliotti

**POSTER SESSION 3 - THURSDAY 5 MARCH, 13:30 - 15:30**

modified: 2015-02-26

<b>Processes - Regal Ballroom</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1325*	Hydro-geochemical and Isotopic Characterization ( $\delta D\text{‰}$ , $\delta 18O\text{‰}$ & $\delta 13C\text{‰}$ ) in Snow Precipitation and Glacial Meltwater Stream Draining from Dokriani Glacier, Central Himalaya	Sameer Tiwari
71A1402	One year of high-elevation snow ablation due to wind erosion and sublimation quantified by in-situ meteorological data recorded at Mera Glacier, 6350 m a.s.l. (Nepal Himalaya).	Patrick Wagnon
71A1409	Characteristics of Fly Ash Particles Deposition in the Snowpack of Laohugou Glacier No.12 in Western Qilian Mountains, China	Zhiwen Dong
71A1412	Hydrochemical denudation and transient carbon dioxide drawdown in the highly glacierized and shrinking Koxkar basin, Tianshan Mountain, China	Jian Wang
71A1416	Anthropogenic impact on behaviour of Hinarche Glacier	Haleem Zaman Magsi
71A1417	A General Circulation Model study of Impact of Black Carbon (BC) Aerosols over Hindu Kush –Himalayan (HKH) sites: Implications on glacier snow melt processes and Cryospheric change.	Sanjeev Dasari
71A1430	A 10-year record of black carbon and dust from a Mera Peak ice core (Nepal): variability and potential impact on melting of Himalayan glaciers	Patrick Ginot
71A1434*	Time-lapse camera images for the observation of snow lines on glaciers in High Asia	Benjamin Schröter
71A1456*	Isotope-geochemical research of glacio-nival systems in the Tavan Bogd mountain massif (western Mongolia)	Dmitri Bantcev
71A1458	Effect of surface dust on the albedo and the melting process of Laohugou Glacier No.12, Western Qilian Mountains, China	Weijun Sun
71A1493*	Using a depletion curve based snow routine to study the impact of light absorbing aerosols on the snow pack in hydrologic simulations	Felix Matt
71A1519	Chemical compositional difference of insoluble particles in snow between Himalayas and inland of Tibet Plateau: insights from individual particle analysis	Guangming Yu
71A1542	Emission Inventory of Elemental Carbon and Simulation of Its Deposition over the Himalayas using WRF-CAMX Models	Mukesh Sharma
71A1553	Air temperature variability over a debris covered glacier, Nepalese Himalaya	Francesca Pellicciotti
71A1573*	Assessment of glacier inventories and debris cover in Baspa basin	Pratibha S
71A1582	Potential of Landsat-8 multi-spectral satellite imagery for mapping debris covered glaciers in the Bhagirathi river basin, Uttarakhand, India	Piyush Gourav
71A1585	Micrometeorology of Chhota Shigri catchment, Western Himalaya, India and its impact on seasonal glacier mass balances	Jose George Pottakkal
71A1592*	Interaction between the glacier surface layer and the atmosphere in the Indian glaciers	Arttu Jutila
71A1598	CHARIS - The Contribution to High Asian Runoff from Ice and Snow	Rijan Kayastha
71A1604	Monsoon energy fluxes and melt at Yala Glacier, Langtang Valley, Nepal	Joseph Shea
71A1618	Effect of cryoconite on surface melting of glaciers in Suntar Khayata Mountain Range in Russian Siberia	Yuta Fujisawa
71A1621	Isotopic evolution in a seasonal snowpack at an Alpine temperate glacier	Tao Pu
71A1631	Development of NDSI and snow identification model for mapping regional snow cover using FY-3A/MERSI data — A case study in Qilian Mountains	Tao Han
71A1634*	Snow cover distribution in the Aksu Catchment (Central Tien Shan) since 1986 based on AVHRR and MODIS data	Juliane Peters
71A1635	Hydrological Response of the Glacierised Catchment	Sonu Khanal
71A1639*	Temporal change in chlorophyll-a concentration on a seasonal snowpack in Japan	Yukihiko Onuma
71A1647	Emission Sources of Black Carbon in Nepal: Key Data Gaps	Prakash Bhave

<b>Glacier Dynamics - Regency</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1398*	Seasonal changes in surface albedo of Himalayan glaciers from MODIS data and links with the annual mass balance	Fanny Brun
71A1446	Estimating ice thickness distribution of a glacier using surface velocities and slope	Prateek Gantayat
71A1447	Submarine Landslide and Particle Transport in Mountain Lakes, Reservoirs and Hydraulic Plants	Jeevan Kafle
71A1448	Simulating catastrophic two-phase mass flows in high mountain slopes and torrents	Parameshwari Kattel
71A1496*	Automated detection and temporal monitoring of crevasses using remote sensing and their implications in Himalayan glacier dynamics	Anshuman Bhardwaj
71A1500*	Climate signals stored in the 3-D ice surface geometry of mountain glaciers.	Richard Hayes
71A1517	Recent Developments in Glaciological Research in India	Popuri Sanjeeva Rao
71A1526*	Spatio-temporal monitoring of glacier health in a part of Zaskar Valley, Jammu & Kashmir, India	Joyeeta Poddar
71A1566	Ice thickness and glacier-bed characteristics of Laohugou NO.12 Glacier, Qilian Mountains from ground-penetrating radar	Yuzhe Wang
71A1577	Recent changes of glaciers in the Tavan Bogd Mountains (Mongolia)	Margarita Syromyatina
71A1595	Unmanned Aerial Systems for cryospheric and atmospheric observations	John Burkhart
71A1644	Glacial lakes expand in Sikkim Himalaya: An observation.	Smriti Basnett
71A1646*	Quantitative evaluation of Landsat 7 ETM+ SLC-off images for surface velocity estimation of mountain glaciers in the central Karakoram	Yongling Sun

**POSTER SESSION 3 - THURSDAY 5 MARCH, 13:30 - 15:30 (continued)**

<b>Impacts - Regency</b>		
<b>Abstract ID</b>	<b>Title</b>	<b>Presenter</b>
71A1429	Assessment of stored water in the Indian Himalaya	Yogesh Karyakarte
71A1435*	Comparison of the Effects of Climate Change on Future Snowfall in High Asia, Central Andes, Alps, and Alaska Range through 2100	Thomas Mosier
71A1438	Changing in glacier and snow cover of Karakorum and Western Himalaya and impacts on hydrologic regimes	Yinsheng Zhang
71A1443	Atmospheric mercury deposition across the Tibet-Himalaya during the past 500 years as reconstructed from ice core and lake sediment records	Shichang Kang
71A1445	The change of glacier and its impacts on the discharge in the past half-century in Tekes watershed, Central Asian	Zhixiang Lu
71A1449	Multi-perspective analysis of water availability in Central Asia during the water-stress year 2014: causes and implications	Sergiy Vorogushyn
71A1468	Investigating the relationship of climate change to Himalayan periglacial processes and the socio-ecological consequences for the upland pastures of Nepal	Robin Garton
71A1578	Study on the relationships between climate, wetland and glacier change in the Tibetan plateau of China	Wen fang CAO
71A1611*	Future variation of hydro-meteorology in Kafni Basin, India	Shaktiman Singh
71A1612*	Analysis of baseline scenario for socio-economic impact assessment due to variability in melt water	Shailly Jaiswal
71A1637*	Effects of Receding Glacier in Upper Mustang, Nepal	Tsechu Dolma