

# IAG/AIG Regional Conference on Geomorphology Environmental Change in the Tropics

Kota Kinabalu, Sabah, Malaysia, 25-29 June 2007

Monday 25 June Morning

08:00	Registration Desk Open	(FOYER)
09:00	<b>Welcome</b>	(BALLROOM 2)
09:10	<b>Opening Address</b>	<i>Guest of Honour:</i> <b>Tan Sri Datu Khalil Bin Datu Haji Jamalul, J.P.</b> (Director, Yayasan Sabah)
09:30	<b>Plenary 1</b>	<b>Professor Ian Douglas</b> (University of Manchester, UK) Tropical geomorphology from theory to application and action Chair: Waidi Sinun
10:15	<b>Plenary 2</b>	<b>Professor Dato' Dr Ibrahim Komoo</b> (UKM, Malaysia) Integrated landslide hazard management in wet tropical environments: A case study from Kundasang Landslide Complex, Sabah, Malaysia Chair: Michael Crozier
11:00	Coffee Break	
11:25	IAG Initiatives	
11:35	<b>Invited Key Lectures: Geosites and Natural Heritage – Communicating Geomorphology</b> Chair: David Higgitt	
11:40	MIGON, Piotr	Geomorphology and World Heritage
12:00	JOYCE, E.B	Geosites and Geomorphosites in the Australian landscape, and the first UNESCO Global Geopark in a new network to raise Australia's geotourism potential.
12:20	PAIN, Colin	Landform mapping for natural resource management: national and regional-scale landform maps in Australia
12:40	ZWOLINSKI, Zbigniew	Methodology for determining landform geodiversity in Poland
13:00	Lunch break	

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Monday 25 June Afternoon

13:55		<b>Landslides in Asia</b> (BALLROOM 2) Chair: Monique Fort		<b>Coastal Geomorphology</b> (BALLROOM 1) Chair: Feng Chen-Chieh	
14:00	ROSSER, Nick	Incipient slope failures in postearthquake Pakistan Kashmir		KARLEKAR, Shrikant	Fossil sedimentary deposits and beach rocks on west coast of Maharashtra, India
14:20	GUPTA, Anju	Monitoring the sequence of mass-movement processes triggered by interaction of heavy rainfall with lithologies of the Lesser Himalayas		LADONI, Abdul Munir	The Identification of Sediment Plumes in the Brunei Bay Using Multi-Temporal Remotely-sensed Data
14:40	HADMOKO, Danang Sri	Landslides in Menoreh Mountains, Central Java, Indonesia: dynamic, hazards, triggering, spatio-temporal modeling and associated risks		JITPRAPHAI, Somrudee	Coastal and marine tourism as major contributor to coastal geomorphology of tropical coasts: lesson learned from Thailand's coast
15:00	PARDESHI, Sudhakar	Morphometric aspects of landslide debris on Sahyadri Mountain slopes in Thane District, India		CHAUDHURI, Subhamita	Evaluation of the hydraulic stability of tidal inlet - a case study of the Shrivardhan bay inlet system Konkan coast, India
15:20	SHEN, Su-Min	Identification of debris-flow gullies by using digital aerial photography, case studies of two fault line valleys, Taiwan			
15:40	Coffee Break				
16:05		<b>Hillslope Processes</b> Chair: Mauro Soldati		<b>Coastal Geomorphology</b> Chair: Rodeano Roslee	
16:10	JOSHI, Veena	Effect of slope remodeling and land reclamation on the development of badland along a watershed in Western Maharashtra, India		MAGRI, Odette	Investigation of lateral spread phenomena along the North-West coast of Malta adopting an integrated approach
16:30	SMITH, Mark	Flow resistance equations and overland flows		NAYLOR, Larissa	Spatial variations in weathering and erosion on shore platforms: a case of geological contingency?
16:50	PETLEY, David*	On trends in the occurrence of landslides in Nepal		DEVNE, Manojkumar P.	Tendency of mud deposition along a small pocket beach on the western coast of India
17:15	<b>Plenary 3</b>	<b>Professor Chen-Tung Arthur Chen</b> (National Sun Yat-Sen University, Taiwan) Comparison of geochemistry between the large Pearl River and small mountainous rivers in subtropical Taiwan Chair: Lu Xi Xi			
18:00	<b>Welcome Reception</b> (Outside, weather permitting)				

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# IAG/AIG Regional Conference on Geomorphology Environmental Change in the Tropics

Kota Kinabalu, Sabah, Malaysia, 25-29 June 2007

Tuesday 26 June Morning

08:45	<b>Rock Coast Working Group</b> (BALLROOM 2) Chairs: Wayne Stephenson & Larissa Naylor				
08:50	<b>Plenary 4</b>	<b>Professor Alan Trenhaile</b> (University of Windsor, Canada) Rock coasts: a slightly neglected coastal feature?			
09:30	JOYCE, E.B	Hard rock on a sandy coast: the basalt coastal feature of far Western Victoria	09:30	<b>SARCS Project Meeting Introduction</b> (BALLROOM 1) <b>Southeast Asia Carbon and Water Project</b> Chair: Arthur Chen	
09:50	PAPPALARDO, M *	Evolution of rock coasts in Eastern Liguria (NW Italy): the relationship between rock resistance and morphology.	09:40	GARDEN, Po	Re-interpreting history: changing patterns of water use, management and discourses in the Upper Ping River Basin, northern Thailand
10:10	ROSSER, Nick	Sequences of change in coastal rock cliffs	10:10	NGUYEN, Dan	Regional water and carbon cycles in the context of human-environment interaction in the Lower Mekong Basin, Vietnam
10:30	KENNEDY, David	The development of shore platforms in estuarine settings: examples from Whanganui Inlet, NZ and Middle Harbour, Australia			
10:50	Coffee Break				
	<b>Rock Coast Working Group</b> Chair: David Kennedy			<b>SARCS Southeast Asia Carbon and Water Project</b> Chair: Arthur Chen	
11:20	STEPHENSON, Wayne	Decadal scale micro erosion rates on shore platforms	11:20	ZIEGLER, Alan	Sediment and nutrient fluxes in a tropical headwater stream in Northern Thailand
11:40	SWITZER, Adam	Competing mechanisms for boulder deposition on the Southeast Australian coast.	11:50	ANSHARI, Gusti,	Patterns and seasonal variability of carbon contents in Kapuas Rive
12:00	TRENHAILE, Alan	Shore platform processes in eastern Canada			
12:30	Lunch Break				

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Tuesday 26 June Afternoon

13:55	<b>Geomorphology of Tropics and Subtropics</b> Chair: Kawi Bidin			<b>SARCS Southeast Asia Carbon and Water Project</b> Chair: Arthur Chen	
14:00	WALSH, Rory	Issues and opportunities in using sediment tracing in logged and unlogged tropical rainforest catchments in Sabah, Malaysian Borneo	14:00	NUGROHO, Sutopo	Carbon and Water Project : tba
14:20	SETIAWAN, Muhammad Anggri	Soil erosion risk assessment and financial loss: A case study in a sub-catchment of Progo watershed Central Java, Indonesia	14:30	LEE Choon Weng	Functionality of microbial loop: A study of vertical carbon transfer
14:40	BROOKS, Andrew	Alluvial gully erosion in northern Australia	15:00	TEJAKUSUMA, Iwan G.	Current natural and anthropogenic carbon flux in the Jakarta bay, Indonesia
15:00	SHITOLE, Tushar	Identification and delineation of major regions of dune field at Tambaldeg, West coast of India, Maharashtra, A GIS approach			
15:20	Coffee Break				
	<b>Geomorphology of Tropics and Subtropics</b> Chair: Wang Yi-Chen				
15:50	GOUDIE, Andrew	Mega Yardangs		16:00	SARCS Business Meeting (by invitation)
16:10	SHARMA, H.S	Flood and its impact on desert environment- a case study of Barmer flood in Indian desert.			
16:30	MIGON, Piotr	Granite landforms of the Myllem batholith, Meghalaya Plateau, north-east India			
16:50	DUNNING, Stuart	Rock avalanches at low altitudes and latitudes- implications for future natural disaster			
17:15	<b>Plenary 5</b>	<b>Professor Wang Ying</b> (Nanjing University, China) River-Sea Interaction and the North Jiangsu Plain Formation Chair: Franck Audemard			

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Thursday 28 June Morning

08:45	<b>Geomorphological Hazards</b> (BALLROOM 2) Chair: Sunil De		<b>Fluvial Processes</b> (BALLROOM 1) Chair: Michael Slattery	
08:50	ALCANTARA - AYALA, Irasema	Magnitude and frequency of landslides: Does size matter?	BILLI, Paolo	Low sediment transport rates and human impact: examples from the Reno and Uniti Rivers in northern Italy
09:10	CHANDRASEKAR, Nainar	A coast as a hazard in the southern coast of Tamil Nadu: An outlook on natural and manmade causes	TONGKUL, Felix	Channel pattern changes in the Tuaran River, Sabah, Malaysia
09:30	MARDIATNO, Djati	Tsunami risk in relation to the built-up area vulnerability in Pacitan municipality, East Java, Indonesia	LU Xi Xi	Fluvial sediment loads and human impact in large Asian Rivers
09:50	FEDERECCI, Paulo	Tourist development, morphology and tsunami risk in Antofagasta (Chile): an uncertain equilibrium	BRIERLEY, Gary	Geomorphic river responses to human disturbance in Twin Streams Catchment, Auckland, NZ: Implications for contemporary condition and recovery potential
10:10	OVEN, Katie*	Landscape, livelihoods and risk: a study of community vulnerability to landslide events in a dynamic mountain environment	FULLER, Ian	Rapid channel response to variability in sediment supply: cutting and filling of the Tarndale Fan, Waipaoa catchment, NZ
10:30	Coffee Break			
	<b>Geomorphological Hazards</b> Chair: Irasema Alcantara-Ayala		<b>Karst Geomorphology</b> Chair: Francisco Gutiérrez	
11:00	DE, Sunil Kumar	A study of landslides through susceptibility zoning in the hilly tract of the Balasan Basin of Darjiling Himalayas	HORVATH, Gergely	Values of karst corrosional aggressiveness in tropical-subtropical soils gained by model experiments on water samples
11:20	RODEANO ROSLEE	Geomorphological hazards in Sandakan Town Area, Sabah, Malaysia	LEEL-OSSY, Szabolcs	Solution forms in recently discovered thermal karstic caves of Budapest.
11:40	FORT, Monique	Instantaneous erosion, sediment transfer and sediment fluxes control in the tectonically active, monsoon-influenced Central Himalaya Types of Dynamics and induced risks.	SHAHRAZAD Abu-Ghazleh	Stromatolite Reefs on Lake Lisan Terrace, Eastern Dead Sea, Jordan
12:15	<b>Plenary 6</b> Professor David Gillieson (James Cook University, Australia) Applied karst geomorphology in the tropics Chair: Morgan De Dapper			
13:00	Lunch Break			

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Thursday 28 June Afternoon

13:55	<b>Human Impact on the Landscape</b> Chair: Dénes Lóczy		<b>Environmental Change and Hydrogeomorphology of the Tropics</b> Chair: Felix Tongkul	
14:00	OGUCHI, Takashi	Analysis of largescale human land modification in Western Tokyo based on DEMs	WANG Yi-Chen	Land use land cover change and its environmental consequences: a review of the spatial analysis and modeling approach.
14:20	HORVATH, Gergely	Landscape forming caused by anthropogenic effects on the Medves Area, North Hungary	WALSH, Rory	Changes in large rainstorm magnitude-frequency in northern Borneo and Peninsular Malaysia over the past century and some geomorphological implications
14:40	BHATTACHERJEE, Sumana	Impacts of arsenic pollution in rural West Bengal with special reference to the District of North 24 Parganas	NORIANI ABDULLAH	Maximum river flow parameter estimation model: Case study of Labuk River in Sabah
15:00	RODEANO ROSLEE	Engineering geological terrain mapping (EGTM) for land use suitability assessment of the Kota Kinabalu Town Area, Sabah, Malaysia	GOMYO, Mie	Characteristics of stream water chemistry in Mt Kinabalu, Malaysia
15:20	YEE, Joanne	Use of geomorphology as a biophysical template for river management applications: insights from Twin Streams Catchment, NZ	WALSH, Rory	Complex controls of channel networks in a rain-forest environment in Borneo: the influence of piping and erosion by overland flow
15:40	Coffee Break			
	<b>Human Impact on the Landscape</b> Chair: Takashi Oguchi		<b>Structural Geomorphology and Neo-Tectonics</b> Chair: Zbigniew Zwolinski	
16:10	ISHMAIL ABD RAHIM	Urbanization vs. environmental quality: some observation in Telipok, Sabah	AUDEMARD, Franck	The underwater Guaracayal Depression, Sucre State, Eastern Venezuela: An active pull-apart basin on the El Pilar Fault
16:30	LAM, Daryl	Dissolved organic carbon in concretized channels in the urban tropics: significance of prior dry spell	GUTIERREZ, Francesco	Geomorphic expression of an active thrust at a plate margin: Ragged Mountain Fault in Southern Alaska
16:50	LOCZY, Denes	Floodplains modified by human action: the case of Hungary	DOYLE-RAMIREZ, Kenneth	Plate tectonics and present-day seismicity within Indian Ocean
18:15	<b>Plenary 7</b> Communicating Geomorphology Chair: David Higgitt			
19:30	Closing Event			

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