## **EGU 2009 Programme Group Schedule**

## **HS – Hydrological Sciences**

O: Oral Presentation (Lecture Room) / P: Poster Presentation (Poster Hall) TB: 1: 8:30-10:00 / 2: 10:30-12:00 / 3: 13:30-15:00 / 4: 15:30-17:00 / 5: 17:30-19:00

Division Business Meeting: Wednesday, 12:15–13:15, Room 31

Session	Title	TB	MO	TU	WE	TH	FR
HS1.1	New instrumentations and data analysis techniques	1					
	for a developing hydrology (invited speakers only)	3			O (31)		
	is a developing number of (mixture specific smill)	4			O (31)		
		5			0 (51)		
HS1.2	Visions, trends and directions in subsurface	1					O (33)
110112	hydrology (invited speakers only)	2					O (33)
	hydrology (mvited speakers omy)	3					
		5					
HS1.3	Progress in hydrological sciences: what do we learn	1					
1151.5	from our mistakes?	2					
	from our mistakes?	3	O (33)				
		5	P (A)				
IICO 1	II-ducinformation commetational intelligence and	1	P (A)			O (34)	
HS2.1	Hydroinformatics: computational intelligence and	2				O (34)	
	technological developments in water science	3				O (34)	
	applications	4					
		5				P (A)	
HS2.2	Dryland hydrology	2					
		3					P (A)
		4					O (30)
		5					
HS2.3	Recent development of statistical tools for	1	O (35)				
1102.0	hydrological application	2	O (35)				
		3					
		5	P (A)		+		
HS2.4	Tinling bades on to bades lie and a single of	1	r (A)				
HS2.4	Linking hydrology to hydraulic engineering and	2					
	designing of river engineering works (Co-sponsored by the International Association of Hydraulic	3					
		4	O (33)				
	Engineering and Research (IAHR))	5	P (A)				
HS2.5/	Hydrological extremes: from droughts to floods	1					
	Trydrological extremes. Irom droughts to floods	2					P (A)
NH2.7		3				O (31)	
		4				O (31)	
NIII 4 77/	N. 1 1 4 1 1 1 1 1 1 1	5			+		
NH4.7/	Natural and anthropogenic hazards related to water	2					
HS2.7	reservoirs	3					
		4					
		5			P(XY)		
HS3.1	Subsurface assessment and characterisation of flow,	1				O (33)	
	transport, and fate using physical, chemical, and	3				O (33)	
	isotopic tools	4					
	isotopic tools	5				P (A)	
HS3.2	Fissured and karstified aquifers	1					
1103.2	1 issured and karstiffed aquifers	2					
		3			O (34)		
		5			O (34) P (A)		
HS3.3	Challery and door goothers 1	1			г (А)		
пээ.э	Shallow and deep geothermal energy	2			1		
		3				O (33)	
		4				O (33)	
		5			0.77	P (A)	
HS3.4	Ground water stochastic hydrology	1			O (33)		
		3			O (33)		<u> </u>
		4			†		
		5			P (A)	1	1

Session	Title	TB	MO	TU	WE	TH	FR
HS3.5	Subsurface flow, solute transport, and energy	1					D/A
	processes: concepts, modelling, and observations	3					P (A) O (33)
		4					O (33)
1100.6		5 1		O (33)			
HS3.6	Hydrogeophysics in subsurface hydrology	2		O (33)			
		3					
		5		P (A)			
HS4.1	Monitoring and Modelling for Transfer Processes in	1		- ()			
1101	the Soil-Plant-Atmosphere Continuum	3			O (33)		
	the 50h Flant Atthosphere Continuum	4			O (33)		
		5	0 (00)		P(A)		
HS4.2	Unsaturated zone flow and transport processes: from	2	O (33) O (33)				
	science to soil and water management	3	- (ee)				
		4	D(A)				
HS4.3	Reconciling Theory, Simulation, and Observations	5 1	P (A)				
1104.5		2					
	in Subsurface Flow and Transport Modeling	4	O (34)				
		5	P (A)				
HS4.4	Soil-plant interactions from the rhizosphere to field	1					
	scale	3					
		4	O (34)				
		5	P (A)				
HS4.5	Production, transport, and emission of trace gases	2					
	from the vadose zone to the atmosphere	3		O (34)			
		5		P (A)			
HS4.6	Large lysimeter studies for flow and transport model	1		1 (A)			
1154.0	validation	2					
	vandation	3				O (34)	
		5				P (A)	
HS4.7	The role of interfaces in flow and transport in porous	2					
	media	3					
		4		O (34)			
1105.07	T 1' II 1 II II I	5 1		P (A)			
HS5.2/	Teaching Hydrology, Water Resources Management	2					
EOS7	and Hydrologic Modelling (poster only)	3					
		5			P (A)		
HS5.3	Hydrological modelling. Adapting model	1	O (31)				
	complexity to the available data: approaches to	3	O (31)				
	model parsimony	4					
	, ,	5	P (A)				
HS5.4	Hydrological modelling. Transforming data into	2					
	models: systematic model building in catchment	3	O (35)				
	hydrology	4	D (4)				
HS5.5	Diagnostic Evaluation of Hydrological Models	5 1	P (A)				
паэ.э	Diagnostic Evaluation of flydrological wodels	2					
		3	O (35)	-			
		5	P (A)				
HS5.6/	Floodplain mapping and flood prevention techniques	1			O (34)		
NH2.3	in the 21st century	3		1	O (34)		1
		4					
		5			P (A)	0.721	
HS5.7/	Heterogeneity of catchment processes at multiple	1 2				O (31) O (31)	
GM8.4	scales - benchmarking observations,	3				- (/	
	conceptualisation and prediction	4			-	D(A)	-
		5		I	I	P (A)	I

Session	Title	TB	MO	TU	WE	TH	FR
HS5.9	Hydrological mapping and regionalization	1					D.C.
		3					P (A) O (31)
		4					
1107.10		5					
HS5.10	Catchment similarity for regional predictions in	2					P (A)
	ungauged basins	3					
		5					O (31)
HS5.11	Water quality at the catchment scale: prediction and	1		O (31)			
	management of nutrient and sediment fluxes	3		O (31)			
		4					
		5		P (A)			
HS5.12	Water quality at the catchment scale: assessment and	2					
	management of micropollutants	3		O (31)			
		4		O (31)			
HS5.13	Manitoring and modeling anoty for hydrological	5		P (A)			
1133.13	Monitoring and modeling snow for hydrological	2					O (31)
	purposes	3					P (A)
		5					
HS5.15	Large-scale hydrology: understanding and predicting	1					
	hydrological variations	3					O (32) P (A)
		4					1 (21)
		5					0.(21)
HS5.14	Hydrological processes and extreme events in	2					O (31) P (A)
	mountain areas	3					- ()
		5					
HS5.16	Large-scale hydrology: modelling and assimilation	1					
пъэ.10	Large-scale hydrology: moderning and assimilation	2					P (A)
		3					O (32)
		5					0 (32)
HS5.17	Hydrological Change: Future Projections of	1			O (31)		
	Hydrological Behaviour	3			O (31)		
		4					
		5			P (A)		0 (00)
HS5.18	Identification and quantification of anthropogenic	2					O (32) P (A)
	influences using experimental basins	3					` '
		5					
HS5.19	Hydrological Earth Observatories and Artificial	1					
1133.19	Catchments	2					P (A)
	Cateminents	3					O (32)
		5					
HS5.20	The role of vegetation in catchment hydrology	1					
		3	O (2)				
		4	- (=)				
		5 P (A)					
HS6.1	Integrated water resources assessment and	2			O (32) O (32)		
	management: Developing countries, environment	3			O (32)		
	and legal frameworks	5		-	D (A)		
HS6.2	Integrated Water Resources Management and	1			P (A)		
1150.2	Climate Change	2					
	(including Outstanding Young Scientist Lecture)	3		-	O (32)		
	(including Outstanding Foung Scientist Lecture)	5			P (A)		
HS7.1	Remote sensing of land surface - atmosphere	1		O (32)			
	interaction processes	3		1			-
	F	4					
		5		P(A)			

Session	Title	TB	MO	TU	WE	TH	FR
HS7.2	Remote sensing retrievals and uncertainty	2					
		3					
		4					
HS7.3	He of would consider data for distributed land	5		P (A)			
ПЗ /.3	Use of remote sensing data for distributed land	2		O (32)			
	surface modeling	3				<u> </u>	
		5		P (A)			
HS7.4	Remote sensing of soil moisture	1					
		3					
		4		O (32)			
		5		O (32)/ P (A)			
HS7.5	Operational hydrological applications of remote	1		` '			
	sensing	3		O (32)			
		4		0 (32)			
		5		P (A)			
HS8.1/	Precipitation: from measurement to modelling and	2					
AS4.1/	application in catchment hydrology	3	O (31)				
NH1.2/		5	O (31) P (A)				
NP3.6			r (A)				
HS8.2/	Climate, Water and Health	2		O (34)			1
CL22/		3					
NP4.4		4		D(4)			
HS8.4	Ensemble Representations of Rainfall Observation	5		P (A)			
П58.4	and Analysis Uncertainty	2		O (34)			
		3				<u> </u>	
		5		P (A)			
HS9.1/	Coasts and Estuaries	1	O (34)				
GM9.2		3	O (34)				
		4					
		5	P (A)				
HS9.2/	Lakes and Inland Seas	2					O (34) O (34)
OS16		3					P (A)
		5					
HS9.3	Climate-soil and vegetation interactions in	1				O (32)	
П39.3		2				O (32)	
	ecological-hydrological processes	3					
		5				P (A)	
HS9.5	Hydrological, biogeochemical and hydroecological	1					7.40
	processes and interactions at the groundwater	3					P (A) O (34)
	surface water interface (hyporheic zone)	4					O (34)
****		5					
HS9.6	Hydrology and Ecology interfaces: processes and	2					
	interactions in wetland, riparian and groundwater-	3				O (32)	
	based ecosystems	5				O (32) P (A)	
HS10.1/	Ensemble hydrological forecasting: from theory to	1				1 (71)	
AS4.3/	practice	2	0.72				
NP5.4	principo	3	O (32)			<del>                                     </del>	+
		5	P (A)				
HS10.2/	Flash flood events: observations, processes and	2	O (32) O (32)				
NH2.5	forecasting	3	0 (32)	1	1	<del>                                     </del>	<del> </del>
		4					
		5	P (A)				
11010.2	TT , , , , , , , , , , , , , , , , , ,	1					
HS10.3	Uncertainty and data assimilation in hydrological	2					
HS10.3	Uncertainty and data assimilation in hydrological forecasting		O (32)				

HS10.4   Medium and long-term hydrological forecasting   1	Session	Title	TB	MO	TU	WE	TH	FR
HS10.5   Hydrological models and methods in operational forecasting systems   Hydrological models and debris flows and their effect on erosion and sediment yield in river catchments   Hydrological models and debris flows and their effect on erosion and sediment yield in river catchments   Hydrological models and modelling   Hydrological processes in landslide research:   Hydrological processes in landslide	HS10.4	Medium and long-term hydrological forecasting						
HS10.5   Hydrological models and methods in operational forecasting systems   S					O (20)			
HS10.5   Hydrological models and methods in operational forecasting systems   1			4					
HS11.1   Rainfall triggered landslides and debris flows and their effect on erosion and sediment yield in river catchments   2			_		P (A)			
HS11.1   HS11.1   HS11.2   HS11.2   HS11.3   HS11.3   HS11.4   HS11.5   HS11.5   HS11.6   HS11.7   HS11.8   H	HS10.5							
NH		forecasting systems						
HS11.1								
NH4.4   their effect on erosion and sediment yield in river catchments	HS11 1/	Rainfall triggered landslides and debris flows and			I (A)			
HS11.2   Sediment transport in small and large streams: measurement techniques and modelling   1								
HS11.2   Sediment transport in small and large streams: measurement techniques and modelling   1	11117.7	1					O (35)	
Sculine that property   Scul		catemients					P (A)	
HS11.3   Sediment response to catchment disturbances	HS11.2	Sediment transport in small and large streams:						
HS11.3   Sediment response to catchment disturbances							O (35)	
HS11.3   Sediment response to catchment disturbances			4					
HS11.4			_				P (A)	0 (2)
HS11.4   The influence of dams on sediment regimes and implications for management   1	HS11.3	Sediment response to catchment disturbances						
HS11.4   The influence of dams on sediment regimes and implications for management   1								
HS11.4								
Implications for management	HS11 4	The influence of dams on sediment regimes and	_					
NH4.14/   HS11.6   Landslide Forecasting	11511.4							
NH4.14/   HS11.6		implications for management					0 (35)	
HS11.6  HS11.6  HS11.6  HS11.7  NH4.2/ HS11.7  Hydrological processes in landslide research: analysis and quantification  SSS14/ HS11.8  Tracing sediments and colloids in the environment HS11.8  SSS14/ HS11.8  How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  SC3  How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  A O.(SM2)  BC4  Meet the expert in hydrology - Round tables among young and established scientists  A D.(SM2)  A D.(SM2)  BC5  SC4  Meet the expert in hydrology - Round tables among young and established scientists  A D.(SM5)  BC5  SC5  HS13.01  ASSESSMENT of Weather-related Risk on Agricultural Production and Agribusiness  BC6  BC7  BC8  ASSESSMENT of Weather-related Risk on Agricultural Production and Agribusiness  BC9  A D.(SM5)  BC9  ASSESSMENT of Weather-related Risk on Agricultural Production and Agribusiness  BC9  BC1.6/ HS13.01  BC1.6/ HS13.03  Flooding and climate during the last two millennia  CC1.65/ HS13.03/ NH2.4  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  BC1.6/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  BC1.6/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale								
HS11.6	NH4.14/	Landslide Forecasting						
NH4.2/   Hydrological processes in landslide research: analysis and quantification	HS11.6				O (29)			
NH4.2/ HS11.7 Hydrological processes in landslide research: analysis and quantification  SSS14/ HS11.8 Tracing sediments and colloids in the environment HS11.8 Traci								
HS11.7 analysis and quantification  SSS14/ HS11.8 Tracing sediments and colloids in the environment HS11.8  SC3 How to write (and publish) a scientific paper in hydrology  How to write (and publish) a scientific paper in hydrology  SC4 Meet the expert in hydrology - Round tables among young and established scientists  SC4 Meet the expert in hydrology - Round tables among young and established scientists  SC4 Meet the expert in hydrology - Round tables among young and established scientists  SC5 S S S S S S S S S S S S S S S S S S			_		P(XY)	0.40		
HS11.7 analysis and quantification  SSS14/ HS11.8 Tracing sediments and colloids in the environment  I								
SSS14/ HS11.8   Tracing sediments and colloids in the environment HS11.8   Tracing sediments and	HS11.7	analysis and quantification	3			5 (10)		
SSS14/ HS11.8						D (VV)		
HS11.8	CCC14/	Tracing sediments and colloids in the environment	_			P(XY)		
SC3 How to write (and publish) a scientific paper in hydrology    SC4   How to write (and publish) a scientific paper in hydrology   1		Tracing sediments and conoids in the environment	2					
SC3 How to write (and publish) a scientific paper in hydrology    How to write (and publish) a scientific paper in hydrology	по11.0						0 (24)	
hydrology    SC4   Meet the expert in hydrology - Round tables among young and established scientists   1							1	
hydrology    SC4   Meet the expert in hydrology - Round tables among young and established scientists   1	SC3	How to write (and publish) a scientific paper in						
SC4  Meet the expert in hydrology - Round tables among young and established scientists  NH1.5/ HS13.01  Assessment of Weather-related Risk on Agricultural Production and Agribusiness  BG1.6/ HS13.02  Urbanisation and its complex interactions with the Biosphere and the water cycle  GM3.3/ CL.65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  4								
SC4  Meet the expert in hydrology - Round tables among young and established scientists  NH1.5/ HS13.01  Assessment of Weather-related Risk on Agricultural Production and Agribusiness  BG1.6/ HS13.02  BG1.6/ HS13.02  Urbanisation and its complex interactions with the Biosphere and the water cycle  Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale    1				O (SM2)				
Meet the expert in hydrology - Round tables among young and established scientists    Assessment of Weather-related Risk on   Columbia   Columb								
Assessment of Weather-related Risk on HS13.01  BG1.6/ HS13.02  BG3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Assessment of Weather-related Risk on Agricultural Production and Agribusiness  3	SC4							
NH1.5/ HS13.01 Assessment of Weather-related Risk on Agricultural Production and Agribusiness  BG1.6/ HS13.02 Urbanisation and its complex interactions with the Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04 Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale		among young and established scientists						
NH1.5/ HS13.01 Agricultural Production and Agribusiness  Agricultural Production and Agribusiness  BG1.6/ HS13.02 Urbanisation and its complex interactions with the Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04 Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale				O (SM5)				
HS13.01 Agricultural Production and Agribusiness    3	NIII 5/	Assessment of Weather related Disk on	_					
BG1.6/ HS13.02 Urbanisation and its complex interactions with the Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale			2					
BG1.6/ HS13.02 Urbanisation and its complex interactions with the Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  5 P(XY)  1 P(BG)  2 3  3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	по15.01	Agricultural Froduction and Agribusiness				1	-	
BG1.6/ HS13.02  Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  Biosphere and the water cycle  GM3.3/ NH3.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  The processes of the process of the pro						1		<del>                                     </del>
HS13.02 Biosphere and the water cycle  GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  2  3  0 (19)  P(A)  P(A)  P(BG)	BG1.6/	Urbanisation and its complex interactions with the	1					
GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale								
GM3.3/ CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale		1						
CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale from			5					
CL65/ HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale 4		Flooding and climate during the last two millennia				1		
HS13.03/ NH2.4  BG1.4/ HS13.04  Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale 4							O (19)	
HS13.04 Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from soils to streams and rivers: Processes, modelling and implications at the catchment scale from the soil of the scale from the sca							D. CO	
HS13.04 water transfer, element maxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale  2 3 P(BG)	NH2.4		5			<u> </u>	P (A)	
HS13.04 from soils to streams and rivers: Processes, modelling and implications at the catchment scale 4	BG1.4/	Water transfer, element fluxes and carbon export				O (22)		
modelling and implications at the catchment scale 4	HS13.04						P (BG)	
		The state of the s	4					
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Session	Title	TB	MO	TU	WE	ТН	FR
CR8.1/	Mountain Hydrology and Climatology: present	1	O (20)				
HS13.05	state and future scenarios	2	O (20)				
11515.05	state and rature section tos	3			<b>-</b>		
		5	P (XY)				-
CR8.3/	Glacial Lake Outburst Floods: Current issues -	1	1 (111)				
		2					
HS13.06/	future concerns	3		O (33)	P (XY)		
NH7.4		4					
NIDO 5 /		5		l I			
NP3.5/	Scales and scaling in surface and subsurface	2			O (15)	P(XY)	
HS13.08	hydrology	3					
		4					
		5					
NP3.8/	Solid Earth geocomplexity: surface processes,	2			<b>†</b>	P (XY)	
HS13.09	morphology and natural resources over wide	3			O (15)	1 (111)	
	ranges of scale	4					
		5					
EOS4	The future of European engineering: education and	2					
	research	3			O (9)		
		4			O (9)		
		5			P (EOS)		
AS1.14	African Monsoon Multidisciplinary Analysis	1					O (12)
110111	(AMMA)	2					O (12)
		3					O (12)
		5					P (XY)
AS2.1	Air-Land Interactions (General Session)	1			O(1)		
A32.1	All-Land Interactions (General Session)	2			O(1)		
		3					
		4			0.40	D GAD	
D.C.1.0	A 1 1 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	O (21)		O (1)	P (XY)	
BG1.9	Analysis and Characterization of Black Carbon in the Environment	2	0 (21)				
		3					
		4	P (BG)				
		5					
GM9.1	Coastal zone geomorphologic interactions: natural	2					
	versus human-induced driving factors	3			<b>†</b>		
		4	O (29)				
		5	P (A)				
BG5.3	Water isotopes in hydrological processes	1					
	(co-sponsored by EAG)	3			O (22)		
		4			P (BG)		
		5			- ()		
NP8.1/	Uncertainty, Random Dynamical Systems, Climate	1					
CL58	Trends and Stochastic Modeling in Geophysics	2				P(XY)	
CLSO	Trends and Stochastic Modeling in Geophysics	3					
		5			O (27)		
CL20	Land-climate interactions from models and	1			0 (27)		O (27)
CL20		2					O (27)
	observations: Implications from past to future	3					
	climate (co-sponsored by ILEAPS & GLASS)	4		0.7007			
		5		O (28)/ P (XY)			
CL54/	Climate time series analysis: Novel tools and their	1		\		O (14)	
NP4.5		2				O (14)	
INE 4.J	application	3		1			
		5				P (XY)	
CR3.1	Domoto consing of organham	1				1 (A1)	
CK3.1	Remote sensing of cryosphere	2	P(XY)				
		3					
		4	O (20)				
G) (1 C)		5	O (33)				<b></b>
GM1.3/	Stochastic Transport and Emergent Scaling on the	2					
NP3.10	Earth's Surface	3			O (19)		
		4					
	T .	5		1	P (A)	l .	Ì

Session	Title	TB	MO	TU	WE	TH	FR
GM6.1	Soil erosion and geomorphology	1					
	(including Ralph Alger Bagnold Medal Lecture)	3					
		4		0 (10)			
GM8.2	Sediment transport, erosion, and channel	5 1		O (19)	O (19)		
GIVIO.2	morphology	2			O (19)		
	morphology	4					
		5			P (A)		
GI1/	Open Session on Geoscience Instrumentation	2					
MPRG22		3					
		5	O (7) O (7)	P (XY)			
NH1.1	Precipitation Science	1		O(6)	O (6)		
		3		O (6) O (6)	O (6) P (XY)		
		4		O(6)	P (XY)		
NID2 2	A	5 1		O (6)			
NP3.2	Atmospheric and climate complexity over wide	2		O (15)		P (XY)	
	ranges of scale	3					
		5					
NP3.4	Geophysical Extremes: Scaling representations and	2			O (15)	P (XY)	
	their applications	3				P(AI)	
		5					
NP5.1	Predictability, model error dynamics, and high	1				P (XY)	
NF 3.1	impact events	2			0.00		
	impact events	4			O (3)		
		5					
SSS1	The scale problem in soil erosion studies	2			O (25) O (25)		
		3			O (25)		
		5			P (A)		
SSS9	Preferential flow as a scale problem: From pore	1			- ()		
~~~	scale up to the catchment scale	3		O (24)			
	1	4					
00017		5		P (A)			
SSS17	Experimental Methods in Soil Erosion Studies	2					
		3 4	O (24)				
		5	P (A)				
NH2.1	Floods: monitoring, modelling, risk and	1 2		O (18)			
	uncertainty	3					
		5		P (XY)			
NH9.2/	Natural and anthropogenic hazards in karst areas	1		r(A1)			
GM7.3	Trattarar and antinopogeme nazards in karst areas	2	O (29)				
0117.13		3 4	O (29)				
		5	P(XY)				
NP3.9/	Complexity and nonlinearity in soils	2				P (XY)	
SSS39		3					
		5			O (15) O (15)		
OS20	Preparing for ESA's Soil Moisture and Ocean	1			~ (/)		
= *	Salinity Mission	3		P (XY) O (3)			
		4		O(3)			
ICO		5 1	O (6)	O(3)	ļ		
IG8	Isotope tracers in catchment hydrology	2					
		3			D OTT		
		5			P (XY) O (37)		
BG2.11	Biogeochemistry and ecohydrology of arid and	1	<b>.</b>				
	semi-arid ecosystems	3	P (BG)	+	1		
		4	O (22)				
		5					