

2009 Dragon 2 Symposium Barcelona Spain [22 to 26 June 2009]



DAY 1, Monday 22 June 2009

OPENING SESSION			
09:30	09:40	Welcome Speech by CDTI, Emilio Vez	
09:40	09:50	Opening Remarks by ESA Director of Legal Affairs and External Relations, Peter Hulstroj	
09:50	10:00	Opening Remarks by NRSCC Director General, Zhang Guocheng	
10:00	10:30	Introduction to ESA EO Programmes, Stephen Briggs	
10:30	11:00	Introduction to Chinese EO Programmes, Zhang Peng	
11:00	11:30	coffee break & photo call	
11:30	12:00	Up-date on Dragon 2 Programme	
12:00	14:00	Lunch	
Chairs: Jan-Peter Muller & Sun Jianbao			
Session: SEISMOLOGY ID. 5305			
14:00	14:25	InSAR measurements of crustal deformation associated with the seismic cycle of major faults in China or related to lakes loading on the lithosphere (Dragon 5305): progress summary, year 1.	Cécile Lasserre
14:25	14:45	Postseismic Deformation Monitoring of the 2008 Mw7.9 Wenchuan earthquake using GPS and InSAR	Sun Jianbao
Session: TERRAIN MEASUREMENT ID. 5297			
14:45	15:10	Progresses on Topographic Measurement with InSAR/PS-InSAR Technique	Li Deren
15:10	15:30	Dam stability analysis and terrain height estimation form partially coherent targets in China using InSAR	Daniele Perissin
15:30	16:00	coffee break	
Chairs: Li Deren & Cecile Lasserre			
Session: 3 GORGES ID. 5343			
16:00	16:35	Monitoring Ground Surface Displacement In The Three Gorges Area, Dangxiong-Lasha And Jiangsu Province Area	Jan-Peter Muller & Zeng Qiming
16:35	16:45	Study on Seismogenic Tectonic of Dangxiong Earthquake of Magnitude 6.6 in Tibet Based on ScanSAR Coseismic Deformation	Luo Yi
16:45	17:30	YOUNG & DRAGON 2 SCIENTISTS' POSTER SESSION	
17:30	19:00	Welcome Cocktail	

DAY 2, Tuesday 23 June 2009

Chairs: Thuy Le Toan & Gao Zhihai			
Session: CROPS IN C02 BUDGET ID. 5319			
08:30	08:45	The role of croplands in the carbon budget of China. Part I	Thuy Le Toan
08:45	09:00	The role of croplands in the carbon budget of China. Part II	Huang Yao
09:00	09:15	Green and blue water consumption of croplands in China	Alberte Bondeau
Session: CROP MONITORING ID. 5279			
09:15	09:40	Improving methods of Crop monitoring with ENVISAT	Li Qiangzi
09:40	10:00	Estimating Top Soil Moisture For Wide Scale Maize Lai Retrieval From SAR Data	Emilie Beriaux
10:00	10:30	coffee break	
Chairs: Johnny Johannessen & Huang Weigen			
Session: DRAGONESS ID. 5334			
10:30	11:15	DRAGONESS - Ocean Monitoring Collaborations between Europe and China	Johnny Johannessen & He Mingxia

Session: MONITORING CHINA SEAS ID. 5316			
11:15	11:55	Demonstrating SAR Monitoring of Chinese Seas	Johnny Johannessen & Huang Weigen
11:55	12:15	Study of Wind Fields Associated with Subtropical Squall Lines Using ENVISAT Synthetic Aperture Radar Images and Ground-based Weather Radar Data	Cheng Cho Ming & Werner Alpers
12:15	14:15	Lunch	
Chairs: Shane Cloude & Chen Erxue			
Session: POLINSAR ID. 5344			
14:15	14:30	Summary of working progress on techniques for deriving land cover and earth surface deformation information from Pol-InSAR	Eric Pottier
14:30	14:45	Land Cover Analysis And Earth Surface Monitoring Using Polarimetric And Polarimetric Interferometric SAR Techniques	Hong Wen presented by Fang Cao
14:45	15:00	Forest parameters extraction with space-borne POLSAR data: progress report	Chen Erxue
Session: FOREST ECOSYSTEMS ID. 5314			
15:00	15:25	FOREST DRAGON 2: activities of European partners during the first project year (2008-2009)	Christiane Schmullius
15:25	15:45	FOREST DRAGON 2: Activities of Chinese partners during the first project year (2008-2009)	Li Zengyuan presented by Tian Xin
15:45	16:15	coffee break	
Chairs: Yifang Ban & Ju Weimin			
Session: URBANISATION ID. 5317			
16:15	16:30	Satellite Monitoring of Urbanization in China: Research Activities in the First Year	Yifang Ban
16:30	16:40	Evaluation of the effects of multiple classification methods used on Beijing-1, Cbers-02b and HJ-1data	LiLu & PengGong presented by Yifang Ban
16:40	16:50	Preliminary study on different urban land cover classification in SAR images	Paolo Gamba
16:50	17:00	Monitoring urbanization and land cover change in the Yangtze River delta -- a case study of Pudong New Area, Shanghai City	Xia Junshi presented by Yifang Ban
Session: EO & SPORT EVENTS ID. 5295			
17:00	17:25	Olympic Games in Athens: using earth observation for the assessment of changes and impacts for the natural and built environment	Dimosthenis Assimakopoulos
17:25	17:45	Olympic Games in Beijing: using earth observation for the assessment of changes and impacts for the natural and thermal environment	Gong Huili
DAY 3, Wednesday 24 June 2009			
Chairs: Massimo Menenti & Li Xin			
Session: DROUGHT MONITORING ID. 5341			
08:30	08:55	Drought Monitoring, Prediction And Adaptation Under Climatic Changes - Some recent progresses	Z. Bob Su
08:55	09:15	Assessment of vegetation dynamics and their response to variations in precipitation and temperature in the Tibetan Plateau	Ma Yaoming presented by Zhong Lei
Session: WATER RESOURCES ID. 5281			
09:15	09:40	Application of remote sensing and other space technology to hydrology and water resources.	Li Jiren
09:40	10:00	A Change Detection Methodology Comparison of ERS/Envisat SAR/ASAR images for Land cover: Two Case Studies in the Upper Yangtze River and Lower Yangtze Rive	ZHANG Xiaoxiang
10:00	10:30	coffee break	
Chairs: Bob Su & Li Jiren			
Session: HYDROLOGY ID. 5322			
10:30	10:55	Progresses on the Intensive Observation Period of Watershed Allied Telemetry Experimental Research	Li Xin
10:55	11:15	Very high resolution active and passive optical observations of heterogeneous vegetation: acquisition and preliminary observations over the Hei He basin, China	Massimo Menenti
Session: SMOS CAL/VAL ID. 5252			
11:15	12:00	Progress on Dragon 2 program-SMOS CAL/VAL in China	Zhang Weiguo & Yan Kerr
12:00	14:00	Lunch	

Chairs: Susanne Lehner & Wang Pucai			
Session: COASTAL ZONES ID. 5338			
14:00	14:25	Sea Surface Wind Field Retrieval Using TerraSAR-X Images	Ren Yongzheng
14:25	14:45	Coastal wind field and sea state measured by SAR	Susanne Lehner
Session: RIVER DELTAS ID. 5292			
14:45	15:10	Coastal zone remote sensing monitoring in Yellow River, Yangtze River and Pearl River Delta	Cui Tingwei
15:10	15:30	Monitoring river estuaries and coastal areas using TerraSAR-X data	Stephan Brusch
15:30	16:00	coffee break	
Chairs: Cui Tingwei & Andy Zmuda			
Session: WATER QUALITY ID. 5351			
16:00	16:25	The use of MERIS data for mapping high concentrations of suspended matter - Part I	Pan Delu
16:25	16:45	The use of MERIS data for mapping high concentrations of suspended matter - Part II	Roland Doerffer
Chairs: Erkki Kyrölä & Liu Yi			
Session: AMFIC ID. 5253			
16:45	17:10	Air quality Monitoring and Forecasting In China	Ronald van der A
17:10	17:30	Validation and Application for Satellite atmospheric pollution data in China	Zhang Peng
DAY 4, Thursday 25 June 2009			
Chairs: Ronald van der A & Zhang Peng			
Session: CHEMISTRY / CLIMATE CHANGE ID. 5311			
08:30	08:55	Exploitation of GOMOS, OSIRIS, OMI and MIPAS measurements for studying the change in the middle atmosphere (EGOMO)	Erkki Kyrölä
08:55	09:15	A Madden-Julian Oscillation-triggered record ozone minimum over the Thibetan Plateau and its association with stratospheric 'low-ozone pockets'	Liu Yi
Session: LIDAR CAL / VAL ID. 5291			
09:15	9:40	Pre-launch validation of the wind lidar on ADM-Aeolus	Oliver Reitebuch
09:40	10:00	Validation Campaigns for Sea surface Wind and Wind Profile by Ground-based Doppler Wind Lidar	Liu Zhishen
10:00	10:30	coffee break	
Chairs: José-Luis Casanova & Li Jing			
Session: COAL FIRES ID. 5345			
10:30	10:55	Detection, Analysis and Risk Assessment of Coal Fires in northern China	Christian Fischer & Li Jing
10:55	11:15	The progress in Sino-German Coal Fire Research Initiative	Wu Jianjun
Session: FOREST FIRES ID. 5258			
11:15	11:30	Forest Fires Mapped On Sloping Surfaces In The South Of China	José-Luis Casanova
11:30	11:45	Relation Between Carbon Monoxide, From MOPITT, and Large Fires Emissions in the North of China	A. Calle
11:45	12:00	Estimation of Burned Areas in China Using NIR Envisat MERIS Images and MODIS Hot-Spots	F. González
12:00	12:15	Early Warning and Damaged Assessment for Forest Fire (5258):Progress Report	Qin Xianlin
12:00	14:00	Lunch	
Chairs: Huang Yao & Herve Yesou			
Session: SEA ICE DETECTION ID. 5290			
14:00	14:45	Application of Envisat ASAR data on sea ice detection and classification in Bohai Sea	Ji Yonggang & Wolfgang Dierking
Session: WETLANDS ID. 5264			
14:45	15:30	DRAGON 5264: Low lying water bodies and wetland monitoring exploiting in situ data and earth observation imagery, in terms of quality, biodiversity dynamic trends and risk Management: Project advancement after one year, improvement of field data and EO ima	Herve Yesou & Li Jiren
Chairs: Li Zengyuan & Yves-Louis Desnos			
DAY 5, Friday 25 June 2009			
Session Summaries			

09:00	9:10	Topographic Mapping
09:10	9:20	Urbanisation & Sport Events
09:20	9:30	Forest Mapping & Retrievals
09:30	09:40	Crops & Role in Co2 Budget
09:40	09:50	Water Resources
09:50	10:00	Ocean & Coastal Zones
10:00	10:30	coffee break
10:30	10:40	Atmospheric Monitoring
10:40	10:50	Hazards
10:50	11:00	Young & Dragon 2 Scientists' Poster Session
11:00	11:30	Symposium Summary and Closing Session