

Opening Session – The Majakovsky Hall

Tuesday, June 21, 2011

08:30 - 10:10 *Chairs: Zhang Guocheng; Maurice Borgeaud*

- 08:30 Welcome speech by Jan Kolar (CSO)
- 08:40 Opening remarks by ESA Head of EO Science Application & Future Technologies Dept., Maurice Borgeaud
- 08:50 Opening remarks by NRSCC Director General, Zhang Guocheng
- 09:00 ESA EO missions and future programmes, ESA Representative
- 09:25 Chinese EO missions and future programme, NRSCC Representative
- 09:50 Up-date on the Dragon 2 Programme, plans for Dragon 3, Yves-Louis Desnos & Li Zengyuan

10.10 – 10.45 COFFEE BREAK & PHOTO CALL – Balcony of The Majakovsky Hall

SMOS CAL/VAL ID. 5252 – The Social Hall

Tuesday, June 21, 2011

10:45 - 12:15 *Chairs: Zhang Weiguo ; Bob Su*

- 10:45 [Progress on SMOS CAL/VAL in China](#)
[Zhang, Weiguo](#)¹; [Li, Dihui](#)¹; [Liu, Hao](#)¹; [Xu, Chuandong](#)¹; Kerr, Yann²
¹Centre for Space Science and Applied Research, Chincademy of Sciences, (CHINA);
²CESBIO/CNES, France, (FRANCE)

WATER QUALITY ID. 5351 – The Rais Hall

Tuesday, June 21, 2011

10:45 - 12:15 *Chairs: Zhou Yunxuan*

- 10:45 [Remote Sensing of low Salinity in the outer Changjiang Estuary, East China Sea](#)
[Pan, Delu](#)¹; [Bai, Yan](#)²; [He, Xianqiang](#)²; [Tao, Bangyi](#)²; [Lei, Hui](#)²
¹State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, State, (CHINA);
²State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, Stat, (CHINA)

AMFIC ID. 5253 - The Majakovsky Hall

Tuesday, June 21, 2011

10:45 - 12:15 *Chairs: Ronald van der A*

- 10:45 [Air Quality Monitoring and Forecasting In China](#)
[Van der A, Ronald](#) ; [Mijling, Bas](#) ; [Kelder, Hennie](#)
KNMI, (NETHERLANDS)
- 11:10 [Satellite Remote Sensing Atmospheric Compositions, Products Validation and Data Application in China](#)
[Zhang, Peng](#)
National Satellite Meteorological Center, Chinese Meteorological Administration, (CHINA)
- 11:35 [Study on Spatiotemporal Variation of Mid-upper Tropospheric Methane over China by Satellite Observations](#)
[Zhang, Xingying](#)
National Satellite Meteorological Center, (CHINA)

- 11:55 [Temporal and Spatial Distribution of Tropospheric Carbon Dioxide over China based on Satellite Observations.](#)
Bai, Wenguang ; Zhang, xingying ; Zhang, Peng
National Satellite Meteorological Center, (CHINA)

12:15 to 14:00 LUNCH

HYDROLOGY ID.5322 – The Social Hall

Tuesday, June 21, 2011

14:00 - 15:30 *Chairs: Ma Mingguo; Massimo Menenti*

- 14:00 [Towards a Multi-Source Remote Sensing Data Assimilation System in the Heihe River Basin](#)

Li, Xin¹; Menenti, Massimo²; Wang, Shuguo¹; Han, Xujun¹

¹*Cold and Arid Regions Environmental and Engineering Research Institute of Chinese Academy of Science, (CHINA);*

²*Delft University of Technology, (NETHERLANDS)*

- 14.45 [Characterisation of hydrological processes using active and passive RS systems: case-studies in the Qinghai – Tibet Plateau](#)

Menenti, Massimo¹; Faivre, R.2; Colin, J.2; Lindenbergh, R.1; Van Den Bergh, L.1; Yu, H.1; Jia, L.3; Xin, L.4

¹*Delft University of Technology, NETHERLANDS; 2Image Sciences, Computing Sciences and Remote Sensing Laboratory, University of Strasbourg, FRANCE; 3Alterra, Wageningen University and Research center, NETHERLANDS; 4Cold and Arid Regions Environmental and Engineering Research Institute, CAS, Lanzhou, CHINA*

RIVER DELTAS ID. 5292 – The Rais Hall

Tuesday, June 21, 2011

14:00 - 15:30 *Chairs: Cui Tingwei; Juergen Fischer*

- 14:00 [Coastal Zone Remote Sensing Monitoring in Yellow River, Yangtze River and Pearl River Delta](#)

Cui, Tingwei ; Ren, Guangbo ; Qing, Song ; Ma, Yi

First Institute of Oceanography (FIO), State Oceanic Administration (SOA), (CHINA)

LIDAR CAL/VAL ID.5291 - The Majakovsky Hall

Tuesday, June 21, 2011

14:00 - 15:30 *Chairs: Hennie Kelder*

- 14:00 [Pre-Launch Validation of ADM-Aeolus over Greenland using Airborne Lidar's](#)

Witschas, Benjamin¹; Reitebuch, Oliver¹; Lemmerz, Christian¹; Marksteiner, Uwe¹; Li, Zhi-Gang²; Liu, Zhi-Shen²

¹*Deutsches Zentrum für Luft- und Raumfahrt (DLR), (GERMANY);*

²*Ocean University of China (OUC), (CHINA)*

- 14:30 [Data analysis from the airborne campaign of the airborne Doppler lidar based on the iodine filter](#)

Liu, Zhishen ; Li, Zhigang ; Song, Xiaoquan ; Bi, Decang ; Liu, Bingyi

Ocean Remote Sensing Institute, Ocean University of China, (CHINA)

- 15:00 [Ground-based Campaigns for Sea Surface Wind and Wind Profile by Mobile Doppler Lidar](#)

Liu, Bing-Yi ; Li, Zhi-Gang ; Wu, Song-Hua ; Chen, Chao ; Zhang, Bing ; Liu, Zhi-Shen

Ocean Remote Sensing Institute, Ocean University of China, (CHINA)

15:30 to 16:00 COFFEE BREAK - Balcony of The Majakovsky Hall

WATER RESOURCES ID.5281 – The Social Hall

Tuesday, June 21, 2011

16:00 - 17:30 *Chairs: Li Jiren; Marco Mancini*

16:00 [Land Surface Temperature from Satellite Data and distributed Hydrological Model to assess Water Resources Availability in the upper Yangtze Basin](#)

[Mancini, Marco](#)¹; [Li, Jiren](#)²; [Corbari, Chiara](#)¹; [Zhang, Xingnan](#)³; [Zhang, Xiaoxiang](#)³; [Su, Bob](#)⁴; [Sobrino, José](#)⁵; [Zhang, Jianli](#)²; [Xin, Jinfeng](#)²; [Menenti, Massimo](#)⁶; [Li, Jia](#)⁷ [Wagner, Wolfgang](#)⁸; [D'Urso, Guido](#)⁹

¹Politecnico di Milano, (ITALY);

²China Institute of Water Resources and Hydropower Research, (CHINA);

³Hohai University, (CHINA);

⁴University of Twente, (NETHERLANDS);

⁵University of Valencia, (SPAIN);

⁶Delft University of Technology, (NETHERLANDS);

⁷Alterra insitute, (NETHERLANDS);

⁸University of Technology Wien, (AUSTRIA);

⁹University of Naples Federico II, (ITALY)

16:30 [Application of Remote Sensing and other Space Technology to Hydrology and Water Resources](#)

[Li, Jiren](#)¹; [Zhang, Xingnan](#)²; [Xin, Jinfeng](#)¹; [Lai, Xijun](#)³; [Zhang, Xiaoxiang](#)²; [Li, Xiaotao](#)¹

¹China Institute of Water Resources and Hydropower Research, (CHINA);

²Hohai University, (CHINA);

³Nanjing Institute of Geography & Limnology, CAS, (CHINA)

17:00 [Water Resources and Environment Monitoring by Remote Sensing in Guanting Reservoir of China](#)

[Xin, Jinfeng](#); [Li, Jiren](#); [Li, Xiaotao](#)

IWHR, Ministry of Water Resources, (CHINA)

COASTAL ZONES ID. 5338 – The Rais Hall

Tuesday, June 21, 2011

16:00 - 17:30 *Chairs: He Mingxia*

16:00 [Application of Coastal monitoring using high Resolution SAR](#)

[Lehner, Susanne](#)¹; [HE, Ming-Xia](#)²; [Brusch, Stephan](#)¹; [Ren, Yong-Zheng](#)³; [Li, Xiaoming](#)¹

¹German Aerospace Center (DLR), (GERMANY);

²Ocean University of China, (CHINA);

³CEODE/Chinese Academy of Sciences, (CHINA)

16:30 [Effects of wind-generated bubbles on atmospheric correction of ocean color imagery](#)

[He, Ming-Xia](#)¹; [Yang, Qian](#)²

¹Ocean Remote Sensing Institute, Ocean University of China, (CHINA);

²Remote Sensing Institute, Ocean University of China, (CHINA)

17:00 [Typhoon Monitoring using multiple Synthetic Aperture Radar \(SAR\) over China Seas for case "Megi"](#)

[Li, Xiaoming](#)¹; [Lehner, Susanne](#)¹; [HE, Ming-Xia](#)²

¹German Aerospace Center (DLR), (GERMANY);

²Ocean Remote Sensing Institute, (CHINA)

Chemistry/Climate Change ID. 5311 - The Majakovsky Hall

Tuesday, June 21, 2011

16:00 - 17:30 *Chairs: Liu Yi; Erkki Kyrölä*

16:00 [Dragon 2 Project 5311](#)

Kyrölä, Erkki¹; Kyrölä, Erkki¹; Liu, Yi²

¹Finnish Meteorological Institute, (FINLAND);

²Key Laboratory of the Middle Atmosphere and Global Environmental Observation (LAGEO), Institute of A, (CHINA)

16:25 [The Quasi-Biennial and Semi-Annual Oscillation Features of Tropical O3, NO2, and NO3 revealed by GOMOS Satellite Observations for 2002–2008](#)

Liu, Yi¹; Lu, Chunhui¹; Wang, Yong¹; Kyrola, Erkki²

¹Institute of Atmospheric Physics, Chinese Academy of Sciences, (CHINA);

²Finnish Meteorological Institute, Earth Observation, (FINLAND)

16:50 [Analyses of Ozone Variability in the Stratosphere using GOMOS Measurements](#)

Sofieva, Viktoria; Kyrölä, Erkki

Finnish Meteorological Institute, (FINLAND)

17:10 [Stratospheric Intrusion Associated with the Cut-off Low Event over North China: A Case Study](#)

Liu, Chuanxi; Liu, Yi

Institute of Atmospheric Physics, Chinese Academy of Sciences, (CHINA)

YOUNG SCIENTISTS' POSTER SESSION - The Majakovsky Hall

Tuesday, June 21, 2011

18:00 - 20:00 Chairs: *Andy Zmuda; Gao Zhihai*

DROUGHT MONITORING ID. 5341 – The Social Hall

Wednesday, June 22, 2011

08:30 - 10:00 Chairs: *Bob Su; Zhong Lei*

08:30 [Drought Monitoring, Prediction and Adaptation under Climatic Changes](#)

Su, Z.¹; Ma, Y.²; Van der Velde, R.¹; Dente, L.¹; Wang, L.¹; Menenti, M.³; Sobrinho, J.⁴; Li, Z.-L.⁵; Verhoef, W.¹; Jia, L.⁶; Wen, J.⁷; He, Y.⁸; Li, W.⁹; Liu, Q.¹⁰; Yu, Q.¹¹; Li, X.⁷; Zhong, L.²; Zheng, Y.⁹; Tian, X.¹; Li, L.¹¹; Qin, C.¹; Timmermans, W.¹; Van Helvoirt, M.¹; Van der Tol, C.¹; Salama, Mhd. S.¹; Vekerdy, Z.¹

¹Faculty of ITC, University of Twente, (NETHERLANDS);

²Institute of Tibetan Plateau Research (ITP/CAS), (CHINA);

³TU Delft, (NETHERLANDS);

⁴Universitat de Valencia, (SPAIN);

⁵LSIIT, University of Strasbourg, (FRANCE);

⁶Wageningen University and Research Centre, Alterra, (NETHERLANDS);

⁷Cold and Arid Regions Environmental and Engineering Research Institute (CAREERI/CAS), (CHINA);

⁸National Meteorological Center, Beijing, (CHINA);

⁹China University of Geoscience, Beijing, (CHINA);

¹⁰Institute of Remote Sensing Applications, Chinese Academy of Sciences (IRSA/CAS), (CHINA);

¹¹Institute of Geographical Sciences and Natural Resource Research (IGSNRR/CAS), (CHINA)

09:15 [Drought Monitoring, Prediction and Adaptation under Climatic Changes](#)

Ma, Y.¹; Su, Z.²; Zhong, L.³; Ma, W.⁴; Wen, J.⁴; He, Y.⁵; Wan, L.⁶; Liu, Q.⁷; Yu, Q.⁸; Li, X.⁴

¹Institute of Tibetan Plateau Research, CAS, (CHINA);

²Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente, (NETHERLANDS);

³School of Earth and Space Sciences, University of Science and Technology of China, (CHINA);

- ⁴*Cold and Arid Regions Environmental and Engineering Research Institute, CAS, (CHINA);*
⁵*National Meteorological Center, (CHINA);*
⁶*China University of Geoscience, (CHINA);*
⁷*Institute of Remote Sensing Applications, CAS, (CHINA);*
⁸*Institute of Geographical Sciences and Natural Resource Research, CAS, (CHINA)*

MONITORING CHINA SEAS ID. 5316 – The Rais Hall

Wednesday, June 22, 2011

08:30 - 10:00 *Chairs: Werner Alpers; Meng Junmin*

- 08:30 [Marine Monitoring of the China Seas](#)
Johannessen, Johnny ; Dagestad, Knut-Frode ; Hansen, Morten W.
Nansen Environmental and Remote Sensing Center, (NORWAY)
- 08:55 [Recent Progresses of China Seas Monitoring by SAR and Optical Sensors](#)
Yang, Jingsong ; Lou, Xiulin ; Chen, Peng ; Wang, Juan ; Chang, Junfang ; Pan, Yufang
Second Institute of Oceanography, SOA, (CHINA)
- 09:20 [Remote Sensing of an Atmospheric Front over the South China Sea caused by the Strengthening of the Northeast Monsoon](#)
Alpers, Werner¹; Wong, Wai Kin²; Dagestad, Knut-Frode³; Chan, Pak Wa²
¹*University of Hamburg, (GERMANY);*
²*Hong Kong Observatory, (HONG KONG);*
³*Nansen Environmental and Remote Sensing Center, (NORWAY)*
- 09:40 [On the Generation and Evolution of Internal Solitary Waves in the Northwest of South China Sea](#)
Chen, Xueen
Ocean University of China, (CHINA)

EO & SPORT EVENTS ID. 5295 - The Majakovsky Hall

Wednesday, June 22, 2011

08:30 - 10:00 *Chairs: _;*

- 08:30 [Sport Events Case Studies](#)
*Asimakopoulou, Dimosthenis*¹; *Cartalis, Costas*¹; *Petrakis, Michael*²; *Stathopoulou, Marina*¹; *Adaktylou, Nektaria*¹; *Chryssoulakis, Nektarios*³
¹*University of Athens, Dept. of Env. Physics, (GREECE);*
²*National Observatory of Athens, (GREECE);*
³*Foundation for Research and Technology, (GREECE)*
- 09:15 [Use of Earth Observation in Support of Major Sport Events: Case Study for the Athens, Beijing and London Olympic Games](#)
Gong, Huili ; Zhao, Wenji ; Gong, Zhaoning ; Wang, Yanhui ; Meng, Dan ; Zhao, Wenhui
Capital Normal University, (CHINA)

10.00 – 10.30 COFFEE BREAK – The Balcony of the Majakovsky Hall

FOREST ECOSYSTEMS ID. 5314 - The Social Hall

Wednesday, June 22, 2011

10:30 - 12:00 *Chairs: Christiane Schmullius; Li Zengyuan*

- 10:30 [FOREST DRAGON 2: Advances of European Partners during the Third Project Year](#)
*Schmullius, Christiane*¹; *Reiche, Johannes*¹; *Leiterer, Reik*¹; *Santoro, Maurizio*²; *Wegmüller, Urs*²; *Li, Zengyuan*³; *Ling, Feilong*³; *Huang, Yanping*³

¹Friedrich-Schiller University, (GERMANY);
²Gamma Remote Sensing, (SWITZERLAND);
³Chinese Academy of Forestry, (CHINA)

- 11:15 [Forest Dragon 2 Annual Report from Chinese Partners, 2011](#)
[Ling, Feilong](#)¹; [Li, Zengyuan](#)²; [Schmullius, Christina](#)³; [Chen, Erxue](#)²; [Tian, Xin](#)²;
[Santoro, Maurizio](#)⁴; [Leiterer, Reik](#)³; [Reiche, Johannes](#)³; [Huang, Yanping](#)¹
¹SIRC, Fuzhou University, (CHINA);
²IFRIT, Chinese Academy of Forestry, (CHINA);
³Friedrich-Schiller University, Jena, (GERMANY);
⁴Gamma Remote Sensing, (SWITZERLAND)

DRAGONESS ID. 5334 - Meeting Room n. 15

Wednesday, June 22, 2011

10:30 - 12:00 *Chairs: He Ming-Xia; Werner Alpers*

- 10:30 [A Monitoring System for green Macroalgae Bloom in the East China Seas](#)
[He, Ming-Xia](#)¹; [Liu, Junpeng](#)¹; [Yu, Feng](#)¹; [Hu, Lianbo](#)¹; [Hu, Chuanmin](#)²
¹Ocean Remote Sensing Institute, Ocean University of China, (CHINA);
²College of Marine Science, University of South Florida, (UNITED STATES)

- 11:15 [Summary of the DRAGONESS Project](#)
[Johannessen, Johnny](#); [Dagestad, Knut-Frode](#); [Hansen, Morten W.](#)
Nansen Environmental and Remote Sensing Center, (NORWAY)

URBAN GROWTH ID. 5317 – The Rais Hall

Wednesday, June 22, 2011

10:30 - 12:00 *Chairs: Paolo Gamba*

- 10:30 [Multitemporal Multisensor Spaceborne SAR Data for Urban Land Cover Mapping and Change Detection: Preliminary Results](#)
[Ban, Yifang](#); [Niu, Xin](#); [Yousif, Osama](#)
Royal Institute of Technology - KTH, (SWEDEN)
- 10:55 [Comparison of different Algorithms for Urban Land-Use Classification using four Kinds of Medium-Resolution Satellite Images](#)
[Li, Congcong](#)¹; [Gong, Peng](#)²; [Wang, Lei](#)³; [Wang, Jie](#)³
¹Beijing Normal University, (CHINA);
²Center for Earth System Science/Institute for Global Change Studies, Tsinghua University, (CHINA);
³Jointly Sponsored by Institute of Remote Sensing Applications, (CHINA)
- 11:20 [Land-Use Land-Cover Classification of SAR Images by Means of Segmentation Techniques exploiting Ancillary Optical Data](#)
[Paolo, Gamba](#); [Massimiliano, Aldrighi](#)
University of Pavia, (ITALY)
- 11:40 [Segmentation of SAR and Optical Data Fusion for Urban Land Cover Mapping](#)
[Jacob, Alexander](#); [Ban, Yifang](#)
Royal Institute of Technology (KTH), (SWEDEN)

12:00 - 14:00 LUNCH- Outside the National House of Vinohrady

POL-InSAR ID. 5344 – The Social Hall

Wednesday, June 22, 2011

14:00 - 15:30 *Chairs: Eric Pottier; Chen Erxue*

- 14:00 [Forest Structure Information Extraction from PolinSAR/PolSAR Data](#)
[Erxue, Chen](#)¹; [Zengyuan, Li](#)¹; [Wen, Hong](#)²; [Eric, Pottier](#)³; [Shane, Cloude](#)⁴
¹*Institute of Forest Resources Information Technique, CAF., (CHINA);*
²*Institute of Electronics, CAS, (CHINA);*
³*I.E.T.R - Univ Rennes 1, (FRANCE);*
⁴*AEL Consultants, (UNITED KINGDOM)*
- 14:25 [First Studies of IECA/CX/CSAR System](#)
[Hong, Wen](#) ; [Xiang, Maosheng](#) ; [Li, Yang](#) ; [Yin, Qiang](#)
Institute of Electronics, CAS, (CHINA)
- 14:50 [Forest Characterisation by Means of TerraSAR-X and TanDEM-X Polarimetric Interferometric Data.](#)
[Kugler, Florian](#)¹; [Hajnsek, Irena](#)²; [Papathanassiou, Kostas](#)¹; [Cloude, Shane](#)³
¹*German Aerospace Centre (DLR), (GERMANY);*
²*ETH Zürich, (GERMANY);*
³*AEL Consultants, (UNITED KINGDOM)*
- 15:10 [Urban Impervious Surfaces Estimation from RADARSAT-2 Polarimetric Data using SVM Method](#)
[Li, Xinwu](#)
Center for Earth Observation and Digital Earth (CEODE), Chinese Academy of Sciences (CAS), (CHINA)

WETLANDS ID. 5264 – The Rais Hall

Wednesday, June 22, 2011

14:00 - 15:30 *Chairs: Li Jiren*

- 14:00 [2010: A Milestone Year for Rapid Mapping and Water Body Monitoring Activities within the Dragon Wetland Flood Project](#)
[Yesou, Herve](#)¹; [Jiren, Li](#)²; [Shifeng, Huang](#)³; [Huber, Claire](#)⁴; [Averty, Stéphane](#)⁴; [Tiphonie, Marie](#)⁴; [Uribe, Carlos](#)⁴; [Xiaoling, Chen](#)⁵; [Xijun, Lai](#)⁶; [Burnham, James](#)⁷; [Daillet, Sylviane](#)⁸; [Crétaux, Jean-François](#)⁸
¹*University of Strasbourg, (FRANCE);*
²*IWHR Beijing, (CHINA);*
³*IWHR Beijing, (CHINA);*
⁴*SERTIT Strasbourg, (FRANCE);*
⁵*LIESMARS, Wuhan, (- Not specified -);*
⁶*NIGLAS Nanjing, (- Not specified -);*
⁷*ICF, (- Not specified -);*
⁸*LEGOS, (- Not specified -)*
- 14:30 [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](#)
[Li, Jiren](#) ; [Huang, Shifeng](#) ; [Li, Jinggang](#) ; [Sun, Tao](#) ; [Li, Lin](#)
China Institute of Water Resources and Hydropower Research, (CHINA)
- 15:00 [Dynamic Monitoring and Spatio-Temporal Analysis of Schistosomiasis breeding Environment in Dongting Lake Wetland](#)
[LI, Chuanrong](#) ; [TANG, Lingli](#)
Academy of Opto-electronics, CAS, (CHINA)

3 GORGES DAM ID. 5343 – The Majakovsky Hall

Wednesday, June 22, 2011

14:00 - 15:30 *Chairs: Jan-Peter Muller; Zeng Qiming*

14:00 [InSAR Error Analysis in Monitoring Coseismic Deformation of 2008 Damxung Mw 6.3 Earthquake](#)

Zhang, J. F. ; Liu, B. ; Luo, Y. ; Hou, A. Y.

Institute of Crustal Dynamics, China Earthquake Administration, (CHINA)

14:30 [Landslide Monitoring in the Three Gorges Region \(China\) using InSAR Time-Series Techniques](#)

Singleton, Andrew¹; Li, Zhenhong¹; Hoey, Trevor¹; Muller, Jan-Peter²; Zeng, Qiming³; Zhang, Jingfa⁴

¹School of Geographical and Earth Sciences, University of Glasgow, (UNITED KINGDOM);

²Mullard Space Science Laboratory, Department of Space and Climate Physics, University College London, (UNITED KINGDOM);

³Institute of RS and GIS, Peking University, (CHINA);

⁴Institute of Crustal Dynamics, China Earthquake Administration, (CHINA)

15:00 [Mapping Embankment Deformation on the Qinghai-Tibet Railway using a small Baseline InSAR Time-Series Technique](#)

Zhou, Zhiwei¹; Li, Zhenhong¹; Waldron, Susan¹; Liu, Peng¹; Singleton, Andrew¹; Muller, Jan-Peter²; Zeng, Qiming³; Zhang, Jingfa⁴

¹School of Geographical and Earth Sciences, University of Glasgow, (UNITED KINGDOM);

²Mullard Space Science Laboratory, Department of Space and Climate Physics, University College London, (UNITED KINGDOM);

³Institute of RS and GIS, Peking University, (CHINA);

⁴Institute of Crustal Dynamics, China Earthquake Administration, (CHINA)

15.30 – 16.00 COFFEE BREAK – The Balcony of the Majakovsky Hall

CROPS IN CO2 BUDGET ID. 5319 – The Social Hall

Wednesday, June 22, 2011

16:00 - 17:30 *Chairs:;*

16:00 [The Role of Croplands and Grasslands in the Carbon Budget of China](#)

Le Toan, Thuy¹; Huang, Yao²; Tan, BingXiang³; Quegan, Shaun⁴; Wang, Xiaoqin⁵; He, Guojin⁶; Bondeau, Alberte⁷; Buchwitz, Michael⁸; Zhang, Wen²; Sun, Wenjuan²

¹CESBIO, (FRANCE);

²Institute of Atmospheric Physics, CAS, (CHINA);

³Research Institute of Forest Resources Information Technique, (CHINA);

⁴University of Sheffield, (UNITED KINGDOM);

⁵Fuzhou University, (CHINA);

⁶China RS Satellite Ground Station, CAS, (CHINA);

⁷PIK, Potsdam, (GERMANY);

⁸IUP, (GERMANY)

FOREST FIRES ID. 5258 – The Rais Hall

Wednesday, June 22, 2011

16:00 - 17:30 *Chairs: José-Louis Casanova; Qin Xianlin*

16:00 [Burnt Scar and Forest Fire Damage Analysis by Means of Deimos-1 Images](#)

Casanova, JoseLuis

University of Valladolid, (SPAIN)

16:45 [Method of Vegetation Indicators Estimate using fy3a Mersi](#)

Qin, Xianlin¹; Li, Zengyuan¹; Deng, Guang¹; Liu, Qingwang¹; Li, Guoqing²; Cai, Huide³; Huang, Zhenchun⁴; J. L., Casanova⁵; A., Calle⁵; Dra., Hulia Sanz⁵; Jphann

G., Goldammer ⁶

¹Research Institute of Forest Resource Information Technique, The Chinese Academy of Forestry, (CHINA);

²Spatial Data Center, CEODE/CAS, (CHINA);

³Guangxi forestry survey and design Institute, (CHINA);

⁴Tsinghua University, (CHINA);

⁵Remote Sensing Laboratory, University of Valladolid, (SPAIN);

⁶Global Fire Monitoring Centre (GFMC), Max Planck Institute for Chemistry, (GERMANY)

TERRAIN MEASUREMENT ID. 5297 – The Majakovsky Hall

Wednesday, June 22, 2011

16:00 - 17:30 *Chairs: Daniele Perissin; Liao Mingsheng*

16:00 [Multi-Temporal InSAR Analyses in China](#)

[Perissin, Daniele](#) ¹; [Wang, Zhiying](#) ²; [Rocca, Fabio](#) ³

¹POLIMI/CUHK, (HONG KONG);

²POLIMI/HITSZ, (CHINA);

³POLIMI, (ITALY)

16:30 [Progress on Topographic Measurement](#)

[Li, Deren](#) ; [Liao, Mingsheng](#) ; [Zhang, Lu](#) ; [Balz, Timo](#)
Wuhan University, (CHINA)

17:00 [Rapid Geocoding of Satellite Sar Image with refined RPC Model](#)

[Zhang, Lu](#) ; [Balz, Timo](#) ; [Liao, Mingsheng](#)

Wuhan University, (CHINA)

SEA ICE ID. 5290 – The Social Hall

Thursday, June 23, 2011

08:30 - 10:00 *Chairs: Werner Alpers; Ji Yonggang*

08:30 [Investigations of thin Ice Backscattering Statistics in the Bohai Sea and the Kara Sea using Different SAR Sensors](#)

[Ji, Yonggang](#) ¹; [SimilÄä, Markku](#) ²; [Zhang, Jie](#) ¹; [Meng, Junmin](#) ¹; [Dierking, Wolfgang](#) ³;

[MÄäkyinen, Marko](#) ²; [Zhang, Xi](#) ¹

¹First Institute of Oceanography, SOA, (CHINA);

²Finnish Meteorological Institute, (FINLAND);

³Alfred Wegener Institute for Polar and Marine Research, (GERMANY)

CROP MONITORING ID. 5279 - The Rais Hall

Thursday, June 23, 2011

08:30 - 10:00 *Chairs: Dong Qinghan; Wu Bingfang*

08:30 [Improving Methods of Crop Monitoring with Envisat Data](#)

[Li, Qiangzi](#)

Institute of Remote Sensing Applications, Chinese Academy of Science, (CHINA)

09:15 [Crop Acreage Monitoring on the North China Plain Using IRS-P6 AWIFS Imagery](#)

[Dong Qinghan](#)

VITO, Belgium

10.00 – 10.30 COFFEE BREAK – The Balcony of the Majakovsky Hall

COAL FIRES ID. 5345 – The Social Hall

Thursday, June 23, 2011

10:30 - 12:00 *Chairs: Christian Fischer*

- 10:30 [Modeling Coal Fire related Radiative Energy Release by using TIR Satellite Data and Geo-Spatial Risk Assessment Strategies at a Regional Scale](#)
Fischer, Christian¹; Li, Jing²; Wu, Jianjun²; Jiang, Weiguo²; Guo, Shan³; Yang, Bo⁴
¹German Aerospace Center, (GERMANY);
²Beijing Normal University (BNU), (CHINA);
³Institute for Remote Sensing Applications (CAS/IRSA), (CHINA);
⁴Hunan Normal University, (CHINA)

SEISMOLOGY. ID. 5305 – The Rais Hall

Thursday, June 23, 2011

10:30 - 12:00 *Chairs: Cecile Lasserre; Sun Jianbao*

- 10:30 [Fault Behavior During the Seismic Cycle, Lithosphere Rheology and Continental Deformation Mechanisms : Insights from InSAR \(Progress Summary\)](#)
Lasserre, Cecile¹; Jolivet, Romain¹; Doin, Marie-Pierre²; Grandin, Raphaël²; Ducret, Gabriel²; Wright, Tim³; Sun, Jianbao⁴; Wang, Hua⁵; Peltzer, Gilles⁶; Guillaso, Stephane⁷
¹ISTerre, (FRANCE);
²ENS Geology Lab, (FRANCE);
³University of Leeds, (UNITED KINGDOM);
⁴Institute of Geology, CEA, (CHINA);
⁵Guangdong University of Technology, (CHINA);
⁶UCLA, (UNITED STATES);
⁷Technische Universität Berlin, (GERMANY)
- 10:55 [Slip Distribution of the April 14, 2010 Mw 6.9 Yushu \(Qinghai, China\) Earthquake Constrained using InSAR Observations](#)
Sun, Jianbao
China Earthquake Administration, (CHINA)
- 11:20 [Crustal Flexure Around Siling Co Lake in Tibet observed by InSAR Time Series.](#)
Doin, Marie-Pierre¹; Twardzik, Cedric²; Ducret, Gabriel²; Lasserre, Cécile³; Guillaso, Stéphane⁴; Jianbao, Sun⁵
¹CNRS- Laboratoire Géologie, (FRANCE);
²Laboratoire de Géologie, (FRANCE);
³ISTerre, (FRANCE);
⁴Technische Universität Berlin, (GERMANY);
⁵China Earthquake Administration, (CHINA)
- 11:40 [The 2011 Large Earthquake Deformation Observation and Inversion](#)
Shen, Zhengkang
Peking Univ., (CHINA)

12:00 -14:00 LUNCH- Outside the National House of Vinohrady

Friday 24 June 2011

SESSION: Projects' summaries – The Majakovsky Hall

Chairs: Yves-Louis Desnos & Li Zengyuan

Projects' summaries: HAZARDS

09:00 09:05 ID. 5264 Wetlands

09:05 09:10 ID. 5258 Forest Fires

09:10 09:15 ID. 5290 Sea Ice

09:15 09:20 ID. 5345 Coal Fires

Projects' summaries: OCEAN & COASTAL ZONES

09:20 09:25 ID. 5334 DRAGONESS

09:25	09:30	ID. 5351 Water Quality
09:30	09:35	ID. 5292 River Deltas
09:35	09:40	ID. 5338 Coastal Zones
09:40	09:45	ID. 5316 Monitoring China Seas
Projects' summaries: ATMOSPHERIC MONITORING		
09:45	09:50	ID. 5291 LIDAR CAL / VAL
09:50	09:55	ID. 5311 EGOMO
09:55	10:00	ID. 5253 AMFIC
Projects' summaries: HYDROLOGY & DROUGHT		
10:00	10:05	ID. 5322 Hydrology
10:05	10:10	ID. 5281 Water Resources
10:10	10:15	ID. 5341 Drought Monitoring
10:15	10:20	ID. 5252 SMOS CAL / VAL
10:20	10:50	coffee break
Projects' summaries: CROP MONITORING & ROLE OF CROPS IN CO₂ BUDGET		
10:50	10:55	ID. 5279 Crop Monitoring
10:55	11:00	ID. 5319 Role of Crops in CO ₂ Budget
Projects' summaries: FOREST MAPPING & RETRIEVALS		
11:00	11:05	ID. 5344 POLInSAR
11:05	11:10	ID. 5314 Forest Ecosystems
Projects' summaries: URBANISATION & SPORT EVENTS		
11:10	11:15	ID. 5295 EO & Sport Events
11:15	11:20	ID. 5317 Urbanisation
Projects' summaries: TOPOGRAPHIC MAPPING		
11:20	11:25	ID. 5343 3 Gorges Dam
11:25	11:30	ID. 5297 Terrain Measurement
11:30	11:35	ID. 5305 Seismology
Closing Session		
11:35	11:50	Summary of poster session & closing speeches by ESA and NRSCC