

2017 Dragon 4 Symposium

POSTER SESSION

27 June 2017 | 16:00–17:30 Location: Congress Hall

Poster no.	Abstract ID.	Workshop	Dragon 4 project id.	Authors (1st is main author)	Title	Main author organisation & country
1	116	WS-A: ACC	32426	Zhang, Chengxin; Liu, Cheng; Wang, Yang; Su, Wenjing; Wagner, Thomas; Beirle, Steffen; Chan, Ka Lok	Lab Evaluation of Nitrogen Dioxide Spectral Analysis of the Environmental trace gases Monitoring Instrument	University of Science and Technology of China, China, People's Republic of
2	133	WS-A: ACC	32301	Ma, Hui; Liu, Dong; Wang, Yingjian; Wang, Zhenzhu; Wang, Bangxin; Xie, Chenbo	Error Analysis for Space-borne IPDA Lidar Measurement of Atmospheric CO ₂	Key Laboratory of Atmospheric Composition and Optical Radiation, Anhui Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, China
3	200	WS-A: ACC	32301	Janne Hakkarainen; Iolanda Ialongo; Johanna Tamminen	Direct observation of anthropogenic CO ₂ signatures from OCO-2	Finnish Meteorological Institute, Finland
4	222	WS-A: ACC	32301	Wang, Jing; Feng, Liang; Palmer, Paul; Liu, Yi; Cai, Zhaonan; Yang, Dongxu; Chen, Xi; Boesch, Hartmut; Robert, Parker; Jasdeep, Anand; Peter, Somkuti	Chinese CO ₂ Fluxes Inferred From OCO-2 and GOSAT and From In-situ Data During the 2015 El Niño Event	Key Laboratory of Middle Atmosphere and Global Environment Observation, Institute of Atmospheric Physics, Chinese Academy of Sciences, China
5	214	WS-A: ACC	32271	Ding, Jieying; Miyazaki, Kazuyuki; van der A, Ronald; Mijling, Bas; Kurokawa, Jun-ichi; Cho, SeogYeon; Zhang, Qiang; Janssens-Maenhout, Greet; Liu, Fei; Levelt, Pieterneel	Intercomparison of Nox Emission Inventories over East Asia	Royal Netherlands Meteorological Institute (KNMI)
6	129	WS-A: ACC	32070	Wang, Binbin; Ma, Yaoming; Ma, Weiqiang; Su, Bob; Zhong, Lei	Evaporation and energy budget observation over a high-altitude small lake on the Tibetan Plateau	Key Laboratory of Tibetan Environment Changes and Land Surface Processes, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Beijing 100101
7	267	WS-A: ACC	32070	Du, Junping; Timmermans, Wim J.; Ma, Yaoming; Su, Bob	Monitoring sensible heat flux over urban areas in a high-altitude city using Large Aperture Scintillometer and Eddy Covariance	Faculty of Geo-Information Science and Earth Observation, University of Twente, Enschede, The Netherlands
8	268	WS-A: ACC	32070	Wang, Yawei; Peng, Jian; Song, Xiaoning; Loew, Alexander	Surface Soil Moisture Retrieval From Optical/Thermal Infrared Remote Sensing	Department of Geography, Ludwig-Maximilians-Universität München, Munich, Germany
9	112	WS-B: OCZ	32405	Wang, Changying; Chu, Jialan; Sui, Yi	Collaborative Monitoring Green Tide by MODIS and Landsat TM/ETM+ Images	Qingdao University, Shandong, People's Republic of China

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10	266	WS-B: OCZ	32405	Cui, Tingwei; Sathyendranath, Shubha; Xiao, Yanfang; Simis, Stefan; Liu, Rongjie; Zhang, Jie	Sentinel-3A OLCI: initial evaluation and ocean application	First institute of oceanography, FOA, China, People's Republic of
11	126	WS-B: OCZ	32292	Li, Jiagui; Wang, Ruifu; Zhao, Wei; Cui, Tingwei; Wang, Fangzheng; Duan, Yaping	Construction Of Green Tide Monitoring System And Research On Its Key Techniques	Shandong University of Science and Technology, China, People's Republic of
12	136	WS-B: OCZ	32292	Cao, Hongjun; Wang, Ruifu; Ding, Yi; Zhang, Xi; Duan, Yaping	Research on Key Technologies of Marine Oil Spill Monitoring System Based on Spaceborne SAR Images	Shandong University of Science and Technology, China, People's Republic of
13	184	WS-B: OCZ	32292	Li, Xiaona; Zhang, Jie; Zhang, Xi; Meng, Junmin; Zhang, Ming	The Research on Strengthening Capability of SAR Sea Ice Drift Monitoring Based on Texture	The First Institute of Oceanography State oceanic Administration, People's Republic of China
14	191	WS-B: OCZ	32292	Wang, Jin; Zhao, Huaisong	Sea Surface Wind Speed Retrieval under Rain with the HY-2A Microwave Radiometer	Qingdao University, China, People's Republic of
15	202	WS-B: OCZ	32292	Liu, Meijie; Zhang, Jie; Zhang, Xi; Meng, Junmin; Wang, Jin; Zhong, Shilei	Research on Sea-ice Drift Using Doppler Shift Based on Sentinel-1 SAR Data	College of Physics, Qingdao University, People's Republic of China
16	208	WS-B: OCZ	32292	Liu, Genwang; Zhang, Jie; Zhang, Xi; Meng, Junmin	A Ship Detection Method Based on Coherence Optimal and Time-Frequency Decomposition	The First Institute of Oceanography, SOA, China, People's Republic of
17	209	WS-B: OCZ	32292	Gao, Dong; Fan, Chenqing; Meng, Junmin	Research on Extraction of ASAR Wave Mode SWH and MWP Based on SVM Regression Model	Inner Mongolia University, Inner Mongolia Hohhot, China
18	210	WS-B: OCZ	32292	Sun, Lina; Meng, Junmin; Zhang, Jie	Study on the Distribution Characteristics of the Internal Waves on a Near-Global Scale Using ASAR and MODIS	First Institute of Oceanography, China, People's Republic of
19	226	WS-B: OCZ	32292	Han, Weixiao; Yang, Jungang	Study On Global Ocean Wave Remote Sensing Data Products Based On The Multi-source Satellite	First Institute of Oceanography, State Oceanic Administration, China, People's Republic of
20	227	WS-B: OCZ	32281	Velotto, Domenico; Li, Xiao-Ming; Jia, Tong; Singha, Suman; Jacobsen, Sven	Detection and Tracking of Offshore Platform's Oily Slicks in TerraSAR-X Imagery	German Aerospace Center (DLR), Germany
21	185	WS-B: OCZ	32235	Buono, Andrea; Nunziata, Ferdinando; Marino, Armando; Li, Xiaofeng	Polarimetric SAR Application For Coastal Water Pollution Monitoring	Università di Napoli Parthenope, Italy

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22	189	WS-B: OCZ	32235	Zhang, Tao; Marino, Armando; Xiong, Huilin	A ship detection method improving the polarimetric notch filter for dual-polarization Sentinel-1 images	Shanghai Jiao Tong University, China, People's Republic of
23	199	WS-B: OCZ	32235	Montuori, Antonio; Pezzo, Giuseppe; Anderlini, Letizia; Albano, Matteo; Palano, Mimmo; Chiarabba, Claudio; Stramondo, Salvatore; Nunziata, Ferdinando; Migliaccio, Maurizio; Li, Xiaofeng; Yang, Xiaofeng; Antoncicchi, Ilaria	A Multi-sensor Approach for Coastal Area Monitoring	Istituto Nazionale di Geofisica e Vulcanologia (INGV), Italy
24	213	WS-B: OCZ	32235	Ferrentino, Emanuele; Nunziata, Ferdinando; Migliaccio, Maurizio; Dongliang, Shen; Li, Xiaofeng	Artificial Lake Monitoring Using Multi-polarization And Multi-temporal SAR Data	Università degli Studi di Napoli Parthenope, Italy
25	216	WS-B: OCZ	32235	Corcione, Valeria; Portabella, Marcos; Yang, Xiaofeng; Jelenak, Zorana; Chang, Paul; Grieco, Giuseppe; Mouche, Alexis; Nunziata, Ferdinando; Li, Xiaofeng; Lin, Wenming	On The Use Of Synthetic Aperture Radar For Hurricanes Applications	University of Naples Parthenope, Italy
26	142	WS-C: HC	32439	Song, Yi; Zhu, Gaofeng; Jin, Long; Ma, Mingguo	Parameter estimation for a simple two-source evapotranspiration model using Bayesian inference and its application to remotely sensed estimations of latent heat flux at the regional scale	Institute of Earth Environment, Chinese Academy of Sciences, China, People's Republic of
27	172	WS-C: HC	32439	Pan, Xiaoduo; Li, Xin; Cheng, Guodong; Hsu, Kuolin	Impact Analysis of Climate Change on Snowfall and Fractional Snow Cover Using Numerical Model and Remote Sensing Product Over Complex Mountainous Region	Northwest Institute of Eco-Environment and Resources, CAS, China, People's Republic of
28	196	WS-C: HC	32437	Yang, Wei	Recent accelerating mass loss of southeast Tibetan glaciers and the relationship with changes in macroscale atmospheric circulations	Chinese Academy of Sciences, China, People's Republic of
29	230	WS-C: HC	32437	Zhang, Guoqing; Yao, Tandong; Bolch, Tobias	Lake volume and groundwater storage variations in Tibetan Plateau's endorheic basin	Chinese Academy of Sciences, China, People's Republic of

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30	179	WS-C: HC	32397	Steiner, Ladina	Characteristics and Limitations of Submerged GPS L1 Observations	ETH Zurich, Switzerland
31	148	WS-C: HC	32388	Liu, Yuzhou; Li, Gang; Lin, Hui	Glacier Surface Motion Monitoring in High Mountain Asia using Sentinel Observation	The Chinese University of Hong Kong, Hong Kong S.A.R. (China)
32	246	WS-D: SEDRR	32431	Lemrabet, Laëtitia; Doin, Marie-Pierre; Lasserre, Cécile; Replumaz, Anne; Leloup, Philippe-Hervé; Sun, Jianbao; Chevalier, Marie-Luce; Li, Haibing	The Ganzi segment of the Xian Shui He fault system : present-day behavior constrained by time serie analysis of Sentinel-1 InSAR data	ISTerre, CNRS, Université Grenoble-Alpes, Grenoble, France
33	153	WS-D: SEDRR	32365	Zhang, Yun; Wei, Lianhuan; Liu, Shanjun; Mao, Yachun; Wu, Lixin	Fusion of Multi-stack PS Point Clouds over Open Pit Mines	Northeastern University, China, People's Republic of
34	174	WS-D: SEDRR	32365	Dai, Keren; Li, Zhenhong; Liu, Guoxiang; Tomas, Roberto; Chen, Jiajun; Zhang, Bo; Cai, Jialun	Monitoring the activities of post-seismic geohazards in Sichuan (China) with Sentinel-1 observations	Southwest Jiaotong University, China, People's Republic of
35	176	WS-D: SEDRR	32278	Luo, Heng; Wang, Teng; Liao, Mingsheng	Deriving coseismicdisplacement from time-series Sentinel-1 TOPS images spanning earthquakes	LIESMARS, Wuhan University, Wuhan, China
36	177	WS-D: SEDRR	32278	Dong, Yuting; Zhang, Lu; Liao, Mingsheng; Balz, Timo; Li, Deren	High Precision DSM Generation in Mountainous Areas with Multi-Baseline InSAR	LIESMARS, Wuhan University, Wuhan, China
37	137	WS-D: SEDRR	32244	Zhang, Haizhen; Zeng, Qiming; Jiao, Jian	Rapid buildingcollapse extraction using generalized optimum polarimetric contrast enhancementwith only one post-earthquake PolSAR image	Peking University, China, People's Republic of
38	139	WS-D: SEDRR	32244	Li, Yongsheng; Zhang, Jiangfa	The 2015 MW 6.4 Pishan earthquake: fault constraints provided by InSAR techniques	Institute of Crustal Dynamic, China, People's Republic of
39	143	WS-D: SEDRR	32244	Sun, Luyi; Muller, Jan-Peter	Evaluating the use of sub-Pixel Offset Tracking cf. dInSAR using TerraSAR-X Staring Spotlight data for monitoring landslides in the Three Gorges Region of China	Mullard Space Science Laboratory, University College London, United Kingdom

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40	146	WS-D: SEDRR	32244	Su, Zhe; Fan, Chun; Zhang, Jingfa; Wang, Erchie	Slip rate partitioning along the Dalbute fault zone (Northwest Junggar Basin) constrained by Small Baseline PS-InSAR	Key Laboratory of Crustal Dynamics, Institute of Crustal Dynamics, China Earthquake Administration, Beijing, China
41	150	WS-D: SEDRR	32244	Wang, Dehua; Zhang, Jingfa; Wang, Zhidan	Remote sensing data application in information extraction of active faults in Damxung area of Tibet	Institute of Crustal Dynamics, China Earthquake Administration, Beijing, China, China, People's Republic of
42	151	WS-D: SEDRR	32244	Zhang, Qingyun; Zhang, Jingfa; Li, Yongsheng	Detection of surface deformation field of small earthquakes by InSAR technique	Institute of Crustal Dynamics, China Earthquake Administration, China, People's Republic of
43	152	WS-D: SEDRR	32244	Li, Qiang; Zhang, Jingfa; Gong, Lixia	Seismic Damage Recognition Based on Watershed Segmentation of SAR Image Texture Features	Institute of Engineering Mechanics, China Earthquake Administration, China, People's Republic of
44	158	WS-D: SEDRR	32244	Stockamp, Julia; Li, Zhenhong	A Comparison of InSAR Time Series Approaches for Monitoring Wide-Scale, Low-Magnitude Ground Surface Deformation	School of Geographical and Earth Sciences, University of Glasgow, United Kingdom
45	171	WS-D: SEDRR	32244	Feng, Lang; Muller, Jan-Peter	3D tomographic SAR imaging in densely vegetated mountainous rural areas in China	University College London, United Kingdom
46	198	WS-D: SEDRR	32244	Wang, Wei; Zhang, Jingfa; Chang, Zhanqiang; Xue, Tengfei; Li, Qiang	Study on Coseismic Deformation and Correlation of Images in Nepal	College of Resource Environment and Tourism of Capital Normal University, China, Peoples Republic of
47	201	WS-D: SEDRR	32244	Bi, Yaxin; Christodoulou, Vyron; Wilkie, George; Glass, David; Zhao, Guoze	Detecting Seismic Anomalies from SWARM Satellites Using Big Data Analytics	Ulster University, United Kingdom
48	263	WS-D: SEDRR	32244	Chen, Jiajun; Li, Zhenhong; Clarke, Peter J	Mapping crustal deformation in the Red River Fault zone using InSAR	COMET, School of Civil Engineering and Geosciences, Newcastle University, NE1 7RU, United Kingdom

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49	111	WS-E: LE	32275	Liu, Linyi; Huang, Wenjiang; Dong, Yingying; Shi, Yue; Pignatti, Stefano; Laneve, Giovanni	Wheat Powdery Mildew Forecasting Using Artificial Neural Network	Chinese Academy of Science, China, People's Republic of
50	117	WS-E: LE	32275	Yue, Jibo; Yang, Guijun; Yang, Hao; Liu, Jianguang; Casa, Raffaele	Estimation of winter wheat leaf area index (LAI) and above ground biomass (AGB) based on hyperspectral analysis: Mapping using UHD 185 and unmanned aerial vehicle (UAV)	Beijing Research Center for Information Technology in Agriculture, Beijing Academy of Agriculture and Forestry Sciences, China
51	147	WS-E: LE	32275	Liu, Jianguang; Yang, Guijun; Xu, Bo; Yu, Haiyang; Yang, Hao	Strategies for yield prediction by UAV remote sensing in soybean breeding	Beijing Academy of Agriculture and Forestry Science, China, People's Republic of
52	180	WS-E: LE	31470	Wang, Zhichao	Virtual Displacement Method for Tree Volume	Friedrich-Schiller-Universität Jena, Germany
53	181	WS-E: LE	32248	Che, Meiqin; Gamba, Paolo; Du, Peijun	2D and 3D Urbanization Change Detection Using PolSAR Data Sets	Università di Pavia, Italy
54	233	WS-E: LE	32248	Ke, Yinghai; Li, Xiaojuan; Gong, Huili	Land subsidence prediction in Beijing based on PS-InSAR technique and improved Grey-Markov model	Capital Normal University, China, People's Republic of
55	247	WS-E: LE	32194	Zhang, Xiaoyu; Zhang, Lei; Liu, Shaojie; Gao, Hao; Fan, Jinlong	Orchard mapping in Ningxia with the high resolution Chinese satellite data	Ningxia Meteorological Science Institute