

Dragon 4 Xi'an Symposium: Dragon and Young Scientists Poster Session Categories

Board no. for mounting	Abstract ID.	Workshop Title	Category for Adjudication	Authors	Title	Main Author Organisation & Country
1	104	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Raghavendra Kumar KANIKE Na KANG Yan YIN Tianliang ZHAO	Climatological Variations In Aerosol Properties And Discrimination Of Aerosol Types With Their Frequency Distributions Based On Satellite Remote Sensing Data In The Yangtze River Delta, China	Nanjing University of Information Science and Technology, Nanjing, China, China, People's Republic of
2	105	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Farong DENG Kang HU Kang NA Raghavendra Kumar KANIKE	Investigations on aerosol characteristics and trends over China from MODIS and OMI satellite data: Spatial and temporal distributions	Nanjing University of Information Science and Technology, Nanjing, China, China, People's Republic of
3	111	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Jing HUANG Raghavendra Kumar KANIKE Lingbing BU	Spatiotemporal variability in aerosol optical depth and its correlation with cloud physical properties over East China	Nanjing University of Information Science and Technology, Nanjing, China, China, People's Republic of
4	169	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Bo LI Cheng LIU	Himawari-8 Aerosol inversion in eastern China	School of Earth and Space Sciences, University of Science and Technology of China, Hefei, 230026, China
5	175	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Wenqiang ZHANG Cheng LIU Nan HAO Sebastian Gimeno GARCIA Chengzhi XING Chengxin ZHANG Wenjing SU Jianguo LIU	Effective cloud fraction and cloud height retrieval using O2 absorption band	University of Science and Technology of China, China, People's Republic of
6	296	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Tian ZHOU Hailing XIE Zhongwei HUANG Jianping HUANG	Lidar Measurements of Dust Aerosols during Three Field Campaigns in 2010, 2011 and 2012 over Northwestern China	Key Laboratory for Semi-Arid Climate Change of the Ministry of Education, College of Atmospheric Sciences, Lanzhou University, Lanzhou, China
7	188	WS#1 Atmosphere, Climate & Carbon Cycle	1.1 Aerosols / Clouds Properties and Retrievals	Zou RONGSHI Wang PUCAI	Preliminary Results of Optical Properties Intercomparison Study of the Nonspherical and Spherical Aggregates of Black Carbon	Institute of Atmospheric Sciences, Chinese Academy of Sciences, China, People's Republic of
8	115	WS#1 Atmosphere, Climate & Carbon Cycle	1.2 Air Quality Monitoring and Dynamics	Marina ZARA Ronald Johannes VAN DER A Jieying DING	Trends in NOx emissions over China derived from the 2004-2017 OMI QA4ECV and DOMINO v2 data records	KNMI, Netherlands, The
9	276	WS#1 Atmosphere, Climate & Carbon Cycle	1.2 Air Quality Monitoring and Dynamics	Ka Lok CHAN Klaus-Peter HEUE Zhuoru WANG Diego LOYOLA Pieter VALKS Cheng LIU Chengxin ZHANG Wenjing SU	TROPOMI observations of NO2, HCHO and O3 over China and the potential application on EMI satellite validation	Remote Sensing Technology Institute, German Aerospace Center (DLR), Germany
10	309	WS#1 Atmosphere, Climate & Carbon Cycle	1.2 Air Quality Monitoring and Dynamics	Cheng LIU Chengxin ZHANG Wenjing SU Fei ZHAO Congzi XIA	3D remote sensing of air pollution in China	University of Science and Technology of China, Hefei, 230026, China
11	231	WS#1 Atmosphere, Climate & Carbon Cycle	1.2 Air Quality Monitoring and Dynamics	Nikoleta KALAITZI Hartmut BOESCH Robert PARKER Dongxu YANG Yi LIU Paul PALMER Liang FENG	Anthropogenic CO2 Emission Signals Observed From Space	Earth Observation Science, Department of Physics and Astronomy, University Of Leicester, United Kingdom
12	143	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Fei ZHAO Cheng LIU Zhaonan CAI Qihou HU Congzi XIA Wenjing SU Chengxin ZHANG Chengzhi XING Wenqiang ZHANG	Ozone profile and tropospheric ozone retrievals from OMI and OMPS using the Optimal Estimation method over China from 2013 to 2017	University of Science and Technology of China, China, People's Republic of
13	144	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Congzi XIA Cheng LIU Zhaonan CAI Qihou HU Fei ZHAO Wenjing SU Chengxin ZHANG Wenqiang ZHANG	SO2 Retrieved From OMI And OMPS Using Optimal Estimation Technique And Validation Over China	University of Science and Technology of China, China, People's Republic of
14	151	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Wenjing SU Cheng LIU	Validation of formaldehyde column observed by OMPS and TROPOMI satellite using MAX-DOAS and FTS	School of Earth and Space Sciences, University of Science and Technology of China, Hefei, 230026, China

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15	146	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Oliver LUX Christian LEMMERZ Fabian WEILER Uwe MARKSTEINER Benjamin WITSCHAS Stephan RAHM Andreas SCHÄFLER Oliver REITEBUCH	Airborne Wind Lidar Observations of the North Atlantic Jet Stream Using the ALADIN Airborne Demonstrator	German Aerospace Center (Deutsches Zentrum für Luft und Raumfahrt, DLR), Institute for Atmospheric Physics, Oberpfaffenhofen, Germany
16	141	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Janne HAKKARAINEN	Global XCO ₂ anomalies as seen by Orbiting Carbon Observatory-2	Finnish Meteorological Institute, Finland
17	259	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Yang YANG Wang TING Wangpu CAI Zhoumin QIANG Yao BO	Assessment of CO ₂ and CH ₄ in Xinglong during the Enhanced Observation Campaign in Beijing-Tianjin-Hebei Region: First Preliminary Results	The Institute of Atmospheric Physics, Chinese Academy of Sciences, China, People's Republic of China
18	220	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Chengxin ZHANG Cheng LIU Wenjing SU Wenqiang ZHANG	Tropospheric nitrogen dioxide retrieval from the TROPOMI instrument and ground-based MAX-DOAS validation	University of Science and Technology of China, China, People's Republic of
19	321	WS#1 Atmosphere, Climate & Carbon Cycle	1.3 Atmospheric Retrieval	Lingling MA Yongguang ZHAO E. R. WOOLLIAMS Caihong DAI Ling LI Ning WANG Yaokai LIU Xinhong WANG Caixia GAO Chuanrong LI Lingli TANG	Uncertainty Analysis of the Automated Radiometric Calibration over Baotou Cal&Val Site in China	Key Laboratory of Quantitative Remote Sensing Information Technology, Academy of Opto-Electronics, Chinese Academy of Sciences
20	194	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Shilin TANG Chuqun CHEN	Estimation of water quality in the pearl River Estuary using Sentinel-3 OLCI	South China Sea Institute of Oceanology, Chinese Academy Of Sciences, People's Republic of China
21	228	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	De yu AN Qianguo XING Lin LI Ling MENG	Spectral Characteristics and Classification of the Floating Macroalgae in the Yellow Sea	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
22	311	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Ying NIU Yunxuan ZHOU Bo TIAN Johnny A JOHANNESSEN Fang SHEN Ying HUANG	Analysis of Sea Surface Salinity Variations in the Yangtze Estuarine Waters Using Remote Sensing	East China Normal University, China, People's Republic of
23	176	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Quanfang ZHAO Meijie LIU Xi ZHANG	Study On The Optimal Band Of Sea Ice Identification Based On High Resolution Four Satellite In The Bohai Sea	Shandong University of Science and Technology, China, People's Republic of
24	184	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Ruifu WANG Pan WEI Yingjie ZHAO	Analysis of Influence Factors of GF-4 Registration Accuracy on Sea Ice Drift in the Bohai Sea	Shandong University of Science and Technology, China, People's Republic of
25	198	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Yuan MEI Jing WANG	Preliminary Experimental Study on the Detection of Internal Solitary Wave by Optical Remote Sensing	Ocean University of China, China, People's Republic of
26	258	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Jialan CHU Yong ZHONG Guangbo REN Jianhua ZHAO Ning GAO BinGe CUI	The floating raft aquaculture distribution automatically monitoring using GF-1 remote sensing imagery	National Marine Environmental Monitoring Center, China, People's Republic of
27	182	WS#2 Oceans & Coastal Zones	2.1 Optical & Thermal Mapping, Models & Methods	Ping QIN Tingwei CUI Haocheng YU Bing MU	Evaluation of MERIS Radiometric Products in the Arctic Ocean Using Quality Assurance System	Ocean University of China, China
28	153	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Valeria CORCIONE Ferdinando NUNZIATA Marcos PORTABELLA Giuseppe GRIECO Maurizio MIGLIACCIO	A Spectral Based Method To Retrieve Extreme Winds From SAR Imagery	University Parthenope, Italy
29	164	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Tao ZHANG Armando MARINO Ferdinando NUNZIATA Weizeng SHAO Xiaofeng LI Huilin XIONG	PoSAR Ship Detection Based on a Complete Polarimetric CovarianceDifference Matrix	Shanghai Jiao Tong University, China, People's Republic of
30	157	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Jing WANG He WANG Jingsong YANG Jianhua ZHU	Empirical Algorithm for Significant Wave Height Retrieval from Wave Mode Data Provided by the Chinese Satellite Gaofen-3	National Ocean Technology Center, State Oceanic Administration, China, People's Republic of
31	201	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Lin REN Jingsong YANG Gang ZHENG Juan WANG	Joint retrieval of directional ocean wave spectra from SAR and RAR	Second Institute of Oceanography, State Oceanic Administration, China, People's Republic of
32	172	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Miao XIANGYING Miao HONGLI	Baseline Roll Error Calibration of Wide-swath Altimeter Using Nadir Interferometric Phase	Ocean University of China, China, People's Republic of

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33	292	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Tong JIA Xiao-Ming LI Jiangjun LIANG Jin SHA	Study on internal waves at Dongsha Atoll	Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, China, People's Republic of
34	312	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	LiuYang WAN Kan ZENG MingXia HE	The Function of Fourier Feature Subset on a SAR Spill Automatic Monitoring System	Ocean University of China, China, People's Republic of
35	243	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Zhenyu LIU Yi ZHANG Xi ZHANG	Iceberg Detection Combined with Image Segmentation and Constant False Alarm Rate	South-Central University for Nationalities
36	166	WS#2 Oceans & Coastal Zones	2.2 SAR, POLSAR & RA Methods & Retrievals	Bing MU Tingwei CUI Jing DING Cheng TONG	Atmospheric correction algorithm for the Coastal Zone Imager (CZI) onboard HY-1C/D satellites	Ocean University of China, China, People's Republic of
37	317	WS#2 Oceans & Coastal Zones	2.3 Mapping & Retrievals Using Data Synergy	Dong LI Cheng TANG Xiyong HOU Hua ZHANG	Dramatic morphological changes caused by intensive coastal development: A case study in the Longkou Bay, China	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China, People's Republic of
38	225	WS#2 Oceans & Coastal Zones	2.3 Mapping & Retrievals Using Data Synergy	Pramudya, Fabian Surya; Pan, Jiayi; Devlin, Adam T	Significant Wave Height Retrieval Using Sentinel-1 SAR: Semiempirical Investigation on Open Ocean Radar-Look Directional Wave	Chinese University of Hong Kong, China, People's Republic of
39	155	WS#2 Oceans & Coastal Zones	2.3 Mapping & Retrievals Using Data Synergy	Meijie LIU Xi ZHANG Jin WANG Shilei ZHONG Hao YOU Qi LIANG Ting CHEN Wenbo LI Xiaohan YANG	The Quantitative Evaluation of Sea-ice Disaster in the Bohai Sea based on the GOCI and Sentinel-1 Data	College of Physics, Qingdao University, China, People's Republic of
40	237	WS#2 Oceans & Coastal Zones	2.3 Mapping & Retrievals Using Data Synergy	Wei CUI Jie ZHANG Jungang YANG	Statistical characteristics and composed three dimensional structures of mesoscale eddies in the Bay of Bengal from Satellite Altimetry and Argo float data	The First Institute of Oceanography, SOA, China, People's Republic of
41	245	WS#2 Oceans & Coastal Zones	2.3 Mapping & Retrievals Using Data Synergy	Stephen GOULT Stefan SIMIS Chunbo LUO Shubha SATHYENDRANATH	Deep Learning For Feature Tracking In Optically Complex Waters	Plymouth Marine Laboratory, United Kingdom
42	195	WS#3 Hydrology & Cryosphere	3.1 Cryosphere	Yan HU Lin LIU Xiaowen WANG	Characterizing Kinematic Behaviors of Periglacial Landforms in the Eastern Kunlun Shan (China) Using Satellite SAR Interferometry	Earth System Science Programme, Faculty of Science, The Chinese University of Hong Kong, China, People's Republic of
43	271	WS#3 Hydrology & Cryosphere	3.1 Cryosphere	Xinxin QIANG Shiyin LIU Junfeng WEI Zongli JIANG Zhiming GUO	Mass Balance of Glaciers in Mt. Xixiabangma Derived from Multi-source DEMs	Institute of International Rivers and Eco-security, Yunnan University, Kunming, China
44	274	WS#3 Hydrology & Cryosphere	3.1 Cryosphere	Zhiming GUO Shiyin LIU Yu ZHU Xinxin QIANG	Gis based inventory of rock glaciers and their spatial characteristics in the Yarlung Tsangpo River Basin	Institute of International Rivers and Eco-security, Yunnan University, Kunming, China
45	338	WS#3 Hydrology & Cryosphere	3.1 Cryosphere	Jingxiao Zhang Li Jia Massimo Menenti	Automatic Glacier Mapping Using A Machine-Learning Algorithm: The Parlung Zangbo Basin Case Study, Southeastern Tibetan Plateau	State Key Laboratory of Remote Sensing Science, Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, Beijing 100101, China
46	118	WS#1 Atmosphere, Climate & Carbon Cycle	3.2 Surface state, exchanges, fluxes & dynamics	Binbin WANG Yaoming MA Weiqiang MA Xuelong CHEN Bob SU Massimo MENENTI	The observation, simulation and evaluation of lake-air interaction process over a high altitude small lake on the Tibetan Plateau	Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China, People's Republic of
47	119	WS#1 Atmosphere, Climate & Carbon Cycle	3.2 Surface state, exchanges, fluxes & dynamics	Xuelong CHEN Bob SU Yaoming MA Weiqiang MA	A Global Land Remote Sensing Evapotranspiration Product	Institute of Tibetan Plateau, Chinese Academy of Science, China, People's Republic of
48	241	WS#1 Atmosphere, Climate & Carbon Cycle	3.2 Surface state, exchanges, fluxes & dynamics	Yawei WANG Jian PENG Ralf LUDWIG	Evaluation of high spatial resolution soil moisture estimates over the Tibetan Plateau	Department of Geography, Ludwig-Maximilians-Universität München, Munich, Germany
49	106	WS#3 Hydrology & Cryosphere	3.2 Surface state, exchanges, fluxes & dynamics	Chunfeng MA Xin LI	Regional Validation of CCI Soil Moisture Products Over Tibetan Plateau Based on Distributed Ground Observation Network Data	CAREERI, CAS, China, People's Republic of
50	325	WS#3 Hydrology & Cryosphere	3.2 Surface state, exchanges, fluxes & dynamics	Qiuxia XIE Massimo MENENTI Li JIA	Comparison and validation of AMSR-E, AMSR-2, FY3B/C, ESA CCI and LPDR soil moisture products in the Belt and Road region	State Key Laboratory of Remote Sensing Science, Jointly Sponsored by Institute of Remote Sensing and Digital Earth of Chinese Academy of Sciences and Beijing Normal University, Beijing 100101, China

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51	173	WS#3 Hydrology & Cryosphere	3.2 Surface state, exchanges, fluxes & dynamics	Jan HOFSTE Rogier VAN DER VELDE Xin WANG Donghai ZHENG Jun WEN Christiaan VAN DER TOL Zhongbo SU	Full Polarimetric Broad Band Scatterometry for Retrieval of Soil Moisture and Vegetation Properties over a Tibetan Meadow	Faculty of Geo-Information Science and Earth Observation, University of Twente, Enschede, Netherlands
52	254	WS#3 Hydrology & Cryosphere	3.3 Wetlands, Lakes & Rivers Monitoring	Guoqing ZHANG Tandong YAO Tobias BOLCH	Lake volume change and glacier contribution estimates for two largest lakes in the Tibetan Plateau's endorheic basins	Chinese Academy of Sciences, China, People's Republic of
53	161	WS#3 Hydrology & Cryosphere	3.3 Wetlands, Lakes & Rivers Monitoring	Francesca DE SANTI Mariano BRESCIANI Giacomo DE CAROLIS Claudia GIARDINO Francesco P. LOVERGINE Guido PASQUARIELLO Paolo VILLA	On the Synergistic Use of SAR and Optical Imagery to Monitor cCyanobacteria Scum in Inland Waters	Institute for Electromagnetic Sensing of the Environment, National Research Council (IREA-CNR), Milan 20133, Italy
54	180	WS#3 Hydrology & Cryosphere	3.3 Wetlands, Lakes & Rivers Monitoring	Jian XU Yeqiao WANG	Optical Models for Estimating Colored Dissolved Organic Matter Absorption in Poyang Lake	Ministry of Education's Key Laboratory of Poyang Lake Wetland and Watershed Research, Jiangxi Normal University, Nanchang, China
55	189	WS#3 Hydrology & Cryosphere	3.3 Wetlands, Lakes & Rivers Monitoring	LI ZHANG	Differences study in Water extraction from Radar and optical images in delta area	JiangXi normal university, China, People's Republic of
56	293	WS#3 Hydrology & Cryosphere	3.3 Wetlands, Lakes & Rivers Monitoring	Julien BRIANT Mathias STUDER Claire HUBER Cao LEI Hervé YESOU	Water Surface Monitoring Of Anhui Lakes: Using Sentinel-2-like Time Series To Extract And Follow The Water Extent Evolutions Of Wuchang And Shengjin Lakes	SERTIT-ICube, France
57	239	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Omar BELADAM Timo BALZ Bahaa MOHAMADI	Sentinel-1 Capability of Surface Deformation Estimation over a Wide Area in North-Eastern Algeria	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, "Liesmars". Wuhan University, China, People's Republic of
58	305	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Ming DOU Meixiang CHEN Qing XU	Study on the possible submergence of the surrounding areas of the Yangtze River Delta caused by sea level rise	Hohai University, China, People's Republic of
59	103	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Luyi SUN Jan-Peter MULLER Jinsong CHEN	Time Series Analysis of Very Slow Landslides in the Three Gorges Region through Small Baseline SAR Offset Tracking	Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, China, People's Republic of
60	168	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Jianing WU Luyi SUN Jan-Peter MULLER	Assessment of Landslide Mitigation Measures Using TLS and SAR and the Potential of Sentinel-1 for Landslide Detection	University College London, the United Kingdom
61	191	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Keren DAI Zhenhong LI Qiang XU Zhiwei ZHOU Peilian RAN	Disaster Assessment of Xinmo Landslide by SAR Interferometry Coherence Analysis	State Key Laboratory of Geohazard Prevention and Geoenvironment Protection, Chengdu University of Technology, Chengdu 610059, China
62	327	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Qiang LI Jingfa ZHANG	Earthquake-induced Landslide Recognition Triggered by "8.8" Jiuzhaigou Earthquake in 2017 and Analysis on Spatial Distribution Patterns	Institute of Crustal Dynamics, China Earthquake Administration, China, People's Republic of
63	196	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Meng AO Mingsheng LIAO Lu ZHANG	Three-Dimensional Surface Displacement of Jiayu Landslide Based on Surface-Parallel Flow Assumption	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University, China
64	209	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Shibiao BAI Guangyan LI Guang LIU Benni THIEBES Christian KOFLER Perski ZBIGNIEW Qun WANG	Monitoring deformation of giant fossil landslide at the Zhouqu segment in the Bailongjiang Basin using Sentinel-1 time series interferometry technique	Nanjing Normal University, China
65	152	WS#4 Solid Earth & Disaster Risk Reduction	4.1 Land Subsidence, Landslides & Velocity Tracking	Jinghui FAN Wei ZHOU Liqiang TONG Zhaocheng GUO Guang LIU Weilin YUAN Joaquim JOÃO SOUSA Zbigniew PERSKI	3D Surface Velocity Retrieval of Mountain Glacier using an Offset Tracking Technique Applied to Ascending and Descending SAR Constellation Data: A Case Study of the Yiga Glacier	School of Land Science and Technology, China University of Geosciences, Beijing, China, People's Republic of
66	316	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Yunfeng TIAN Jingfa ZHANG Yi LUO Yongsheng LI	Monitoring Anthropogenic Surface Deformation in Tibetan Plateau Using Sentinel-1 Data	Institute of Crustal Dynamics, China Earthquake Administration, China, People's Republic of
67	331	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Xia Tingting, ZHANG JINGFA	A Review of the Present Situation of Seismic Damage Building Extraction Based on Full polarized SAR Images	Key Laboratory of Crustal Dynamics, Institute of Crustal Dynamics, China Earthquake Administration, Beijing, China

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68	154	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Ru WANG Mengshi YANG Mingsheng LIAO Lu ZHANG Xiaoqiong QIN	Deformation Monitoring and Analysis of the Operational Characteristics of Shanghai Elevated Highway by Time-series InSAR	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University, Wuhan 430079 China
69	159	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Bahaa MOHAMADI Timo BALZ	Surface Stability Assessment of Reclaimed Areas in Shenzhen/Hong-Kong Zone Using PS-InSAR	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University, People's Republic of China
70	197	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Nan WANG Mingsheng LIAO Mengshi YANG Lu ZHANG Huizhi DUAN	Subsidence Monitoring In Built-up Areas By Analysis Of Time-Series Sentinel-1 Data	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University, Wuhan, China
71	125	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Francesco FALABELLA Antonio PEPE Qing ZHAO Ma GUANYU Carmine SERIO Riccardo LANARI	A hybrid multi-scale InSAR approach to study the 2014-2018 Surface Deformation of the Shanghai Coastal Region through Sequences of Time-Gapped Cosmo-SkyMed SAR acquisitions	National Council of Research (CNR) of Italy, Italy
72	171	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Qiang WANG Qing ZHAO Guanyu MA Lei YU	Recent Spatial Pattern Of Land Subsidence In Shanghai Retrieved By Sentinel-1A MT-InSAR Analysis	Key Laboratory of Geographical Information Science, Ministry of Education, East China Normal University, Shanghai, 200062, China
73	265	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Yi LI Shiyong YAN Yitong ZHENG Jinglong LIU	Ground Stability Monitoring in Areas of Mining-induced Goafs using Time-series Sentinel-1A Satellite SAR Interferometry, Case Study in the Xuzhou Region, China	China University of Mining and Technology, China, People's Republic of
74	266	WS#4 Solid Earth & Disaster Risk Reduction	4.2 Terrain Motion & Urban / Infrastructures Assessment	Liu JING LONG Yan SHIYONG Li Yi Zheng YITONG	Monitoring and Predicting the Mining subsidence combined InSAR time series and new SVR algorithm	CHINA UNIVERSITY OF MINING AND TECHNOLOGY, China,
75	215	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Zheng WANG Zhenhong LI	Development and Application of Advanced Time Series Analysis Algorithms for Continuous GBSAR Deformation Monitoring	Newcastle University, United Kingdom
76	233	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Chen YU Zhenhong LI Nigel PENNA	Integrated HRES-ECMWF and GNSS atmospheric correction for InSAR towards everywhere globally in near real time	Newcastle University, United Kingdom
77	235	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Marine ROGER Peter CLARKE Jyr-Ching HU Zhenhong LI	The 1999 Mw 7.6 Chi-Chi Earthquake: Co-seismic Study Based On InSAR And GPS Data	Newcastle University, United Kingdom
78	306	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Yongsheng LI Jingfa ZHANG Yunfeng TIAN	High-resolution InSAR interseismic velocity data along the Bengco Fault from Sentinel-1 satellite.	China Earthquake Administration, China, People's Republic of
79	326	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Zhang QINGYUN Li YONGSHENG Zhang JINGFA	Seismic source mechanism inversion of the November 12, 2017 Iran Iraq earthquake	Institute of Crustal Dynamics, China Earthquake Administration, China, People's Republic of
80	328	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	JianFei WANG JingFa ZHANG Dan ZHOU	Seismic Indirect Economic Loss Assessment and Recovery Evaluation Using Night-time Lights—Application for Wenchuan Earthquake	Institute of Engineering Mechanics, China Earthquake Administration
81	221	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Yanghai YU Timo BALZ Mengshi LIAO Lu ZHANG	GPU Accelerated SAR Image Coregistration Based On Cross-correlation And Geometry	State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing No.129, Luoyu Road, Wuhan, Hubei Province, China.
82	244	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Gokhan ASLAN Ziyadin CAKIR Romain JOLIVET François RENARD Cécile LASSERRE Sun JIANBAO	Post-Seismic Deformation from 2013 Mw 7.7 Balochistan (Pakistan) Earthquake Derived From Sentinel InSAR Time-Series	Université Grenoble-Alpes, Univ. Savoie Mont Blanc, CNRS, IRD, IFSTTAR, ISTerre, 38000, Grenoble, France
83	315	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Bing HAN Guoze ZHAO Ji TANG Lifeng WANG Yaxin BI	The features of Schumann resonance observed in CSELF network	China Earthquake Administration, China, People's Republic of
84	324	WS#4 Solid Earth & Disaster Risk Reduction	4.3 Seismic / Fault Motion, Methods & Precursors	Vyron CHRISTODOULOU Yaxin BI George WILKIE	A tool of data analysis and anomaly detection for SWARM satellite electromagnetic data	Ulster University, United Kingdom
85	177	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.1 Forest & Land Classification & Retrievals	Yaxiong FAN Erxue CHEN Lei ZHAO Xiangxing WAN	Measuring Forest Height From TANDEM-X Interferometric Coherence Data Over Mountainous Terrain	Institute of Forest Resources Information Technique, Chinese Academy of Forestry, China, People's Republic of
86	181	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.1 Forest & Land Classification & Retrievals	Yujuan GUO Erxue CHEN Zengyuan LI Chonggui LI Lei ZHAO	Deep Learning for Large-Scale Land Cover Type Classification with GF-3 Dual-Pol SAR Data	Research Institute of Forest Resources Information Techniques, Beijing, China

Dragon 4 Xi'an Symposium: Dragon and Young Scientists Poster Session Categories

Board no. for mounting	Abstract ID.	Workshop Title	Category for Adjudication	Authors	Title	Main Author Organisation & Country
87	183	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.1 Forest & Land Classification & Retrievals	Yahui WANG Erxue CHEN Zengyuan LI Jianwen HUANG	Deep Convolutional Neural Network for Plantation Type Classification with Panchromatic and Multispectral Image	Chinese Academy of Forestry, China, People's Republic of
88	192	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.1 Forest & Land Classification & Retrievals	Xiang Xing WAN Er Xue CHEN Lei ZHAO Ya Xiong FAN	Analysis of Space Baseline Configuration in Forest Height Estimation Using Tomography SAR	Chinese Academy of Forestry, China, People's Republic of
89	224	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.1 Forest & Land Classification & Retrievals	Kunpeng XU Zhengyuan LI Erxue CHEN Yuhai BAO	Study on Full Polarimetric SAR Image Classification Method Based on Stokes vector features and GA-SVM	Inner mongolia normal university, China, People's Republic of
90	186	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.2 Urban Environment Mapping & Modelling	Mi JIANG Andy HOOPER	A new approach to change detection in the built environment, using SAR and optical datasets	Hohai University, China, People's Republic of
91	283	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.2 Urban Environment Mapping & Modelling	Constantinos CARTALIS Thalia MAVRAKOU Anastasios POLYDOROS	Fine Scale Estimation Of The Discomfort Index In Urban Areas In View Of Smart Urbanization	National and Kapodistrian University of Athens, Greece
92	285	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.2 Urban Environment Mapping & Modelling	Xin TIAN Mi JIANG Haoping QI Yuxiao MA	Land Cover Mapping over Textural Urban Areas Using Multitemporal InSAR Data	Southeast University, China, People's Republic of
93	130	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Qi XU Qiliang LI Jinlong FAN	Major Crop Type Mapping in Ningxia with the Chinese High Resolution Satellite Data	National Satellite Meteorological Center, China
94	238	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Qiliang LI Qi XU Jinlong FAN	Retrieving ground truth data from GPS photo	National Satellite Meteorological Center, China
95	132	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Dong HAN Hao YANG Guijun YANG Chunxia QIU Ying DU Lei LEI	Research about wheat biomass estimation based on GF-3 data and polarized water cloud model	Beijing Research Center for Information Technology in Agriculture, China
96	145	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Pablo MARZIALETTI Lorenzo FUSILLI Giovanni LANEVE Roberto LUCIANI Wenjiang HUANG	Remote Sensing techniques for automated crop counting. An application for orchard monitoring	Sapienza Università di Roma. Scuola di Ingegneria Aerospaziale, Italy
97	149	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Huiqin MA Wenjiang HUANG Giovanni LANEVE Yue SHI Linyi LIU Qiong ZHENG	Monitoring of Winter Wheat Powdery Mildew Using Satellite Image Time Series	School of Applied Meteorology, Nanjing University of Information Science & Technology, Nanjing 210044, China
98	150	WS#5 Land - Ecosystems, Smart Cities & Agriculture	5.3 Crop Mapping, Retrievals & Methods	Qiong ZHENG Wenjiang HUANG Giovanni LANEVE Stefano PIGNATTI Raffaele CASA Yue SHI Linyi LIU Huiqin MA	A Vegetation Index-Based Approach for Detecting Wheat Yellow Rust Using Sentinel-2 Multispectral Imagery	College of Geoscience and Surveying Engineering, China University of Mining and Technology, Beijing 100083, China