

**ZFL Workshop May 23<sup>rd</sup> 2019**

**Venue: Roter Saal (GIUB, Meckenheimer Allee 166, 53115 Bonn)**

*Time/person: 15 min. (10 min. presentation, 5 min. discussion)*

No.	Name	Title	Start	End
<b>Opening: Prof. Dr. Klaus Greve</b>			9:00	9:10
<b>Climate and Agriculture - Chair: Dr. Olena Dubovyk</b>				
1	Gohar Ghazaryan	Remotely sensed time series for drought impact monitoring: Testing multisource data in three countries	9:10	9:25
2	Felicia Akinyemi, Olena Dubovyk, Gohar Gazaryan	Operationalising Land Degradation Neutrality in African drylands: Assessing national indicators' baselines in Botswana	9:25	9:40
3	Andreas Tewes / Manuel Nolte	Assimilation of RS-derived Winter Wheat LAI Estimations Into A Crop Model	9:40	10:00
4	Frank Thonfeld	Sentinel-2 and Landsat harmonized time series: benefits in near-real time application	10:00	10:15
5	Konrad Hentze	The potential of timeseries analysis to map hot spots of landgrabbing	10:15	10:30
<b>Coffee Break &amp; Poster</b>			10:30	11:00
<b>RS and the Agenda 2030 - Chair: Dr. Frank Thonfeld</b>				
6	Adrian Strauch	Global Earth Observation of Wetlands: Of Policy Frameworks, Scientific Developments and Actual User Requirements.	11:00	11:15
7	Javier Muro & Valerie Graw	Mapping the energy needs of indigenous communities in the Amazonian	11:15	11:30
8	Valerie Graw, Adrian Strauch, Jonas Schreier & Klaus Greve	SPEAR - Space-based Earth Observation Applications for Emergency Response and Disaster Risk Reduction	11:30	11:45
9	Norma Davila	The capabilities of InSAR techniques to support early warning procedures using data from Sentinel-1	11:45	12:00
10	Birte Trampnau & Gohar Ghazaryan	Mobilization of Citi(es)zens, Quantification of Land Consumption and Identification of Climate Adaptation Potentials in NRW	12:00	12:15
<b>Lunch Break</b>			12:15	13:30
<b>Urban RS and Education - Chair: Dr. Valerie Graw</b>				
11	Olabisi Badmos & Andreas Rienow Rienow	Spatially-Explicit Modelling of Slum Growth with an Urban Cellular Automaton – Three Scenarios of Lagos 2035	13:30	13:45
12	M. Fabian Meyer	Automated detection of cultural heritage in digital terrain models of Westphalia	14:00	14:15
13	Henryk Hodam	MiniMoocs on Remote Sensing for Schools	14:15	14:30
14	Hannes Blitza	Bike Traffic Simulation in Bonn	14:30	14:45
<b>Coffee &amp; Poster Session</b>			15:00	15:30

<b>Poster Overview</b>				
<b>1</b>	Adrian Strauch	GEO-Wetlands		
<b>2</b>	Javier Muro & Valerie Graw	Mapping the energy needs of indigenous communities in the Amazonia		
<b>3</b>	Felicia Akinyemi, Olena Dubovyk, Gohar Gazaryan	Operationalising Land Degradation Neutrality in African drylands: Assessing national indicators' baselines in Botswana		
<b>4</b>	Gohar Ghazaryan	Remotely sensed time series for drought impact monitoring: Testing multisource data in three countries		
<b>5</b>	Claudia Lindner	Visualising Hyperspectral Data in Augmented Reality		
<b>6</b>	Andreas Rienow & Johannes Schultz	Dynamic Infrared Earth Observation from the ISS		
<b>7</b>	Annette Ortwein & Kilian Staar	Astronaut Photography in Virtual Reality		
<b>8</b>	Javier Gonzalez	Derivation of phenometrics from remote sensing: several vegetation products in test		
<b>9</b>	Olena Dubovyk et al.	Drought hazard in Kazakhstan in 2000-2016: a remote sensing perspective		
<b>10</b>	Simon König	Assessing the 2018 Drought in selected areas of Germany using a Non-Parametric Phenology Estimate		
<b>11</b>	Marcus Goebel	On the utilization opportunities of BOMPIC world war II aerial photography for digital mapping and analysis - the case of Gelsenkirchen		
<b>Final discussion and closing</b>			15:30	16:00

Mappathon Disaster Risk (Lead: Konrad Hentze)	16:00	17:00
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Get Together	Start: 17:00
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