

## ESA Living Planet Symposium Prague, 9.-13.05.2016

### *GlobBiomass Contributions (direct and indirect)*

<i>GlobBiomass Contributions - ESA Living Planet Symposium, 9.-13.05.2016</i>	
<i>Partner, Name</i>	<i>Oral Presentation</i>
<b>Session: Biomass</b>	<b>11.05.2016, 13:10 – 14:50</b>
<b>CESBIO</b> Thuy Le Toan, Villard, Ludovic; Bouvet, Alexandre; Mermoz, Stephane	13:10 <b>Tropical Forest Monitoring System for Carbon Assessment using Biomass and other Satellite Data</b>
<b>UoS</b> Quegan, Shaun	13:30 <b>Facing the Scientific Challenges of the BIOMASS Mission</b>
<b>CESBIO</b> Villard, Ludovic; Mermoz, Stéphane; Hamadi, Alia; Le Toan, Thuy	13:50 <b>Focus on temporal effects impacting forest biomass retrieval : Study cases supporting P-band Biomass mission</b>
<b>Session: Boreal Forest</b>	<b>12.05.2016, 8:00 – 9:40</b>
<b>VTT</b> Rauste, Yrjö Akseli; Antropov, Oleg; Mutanen, Teemu; Häme, Tuomas	08:40 <b>On Clear-Cut Mapping with Time-Series of Sentinel-1 Data in Boreal Forest</b>
<b>GAMMA</b> Cartus, Oliver; Santoro, Maurizio	09:00 <b>Multi-scale Mapping of Forest Growing Stock Volume using ENVISAT ASAR, ALOS PALSAR, Landsat, and ICESAT GLAS</b>
<b>Session: Forest Biomass</b>	<b>12.05.2016, 10:10-11:50</b>
<b>UoL / UoS / Regional Partners</b> Balzter, Heiko ; Rodriguez-Veiga, Pedro; Tansey, Kevin; Quegan, Shaun; Carreiras, Joao...	10:10 <b>GLOBBIOMASS Regional Case Studies - Preparing the Ground for Global Forest Biomass Mapping</b>
<b>CESBIO/CSIR</b> Bouvet, Alexandre; Mermoz, Stephane; Le Toan, Thuy; Villard, Ludovic; Mathieu, Renaud	10:30 <b>A Biomass Map of African Savannas and Woodlands at a Resolution of 50 meters using ALOS PALSAR Mosaics</b>
<b>RSS/LMU Munich</b> Englhart, Sandra; Stängel, Mattias; Siegert, Florian	10:50 <b>El Niño 2015 - Damage Assessment: Estimation of Fire Affected Areas and Carbon Emissions in Kalimantan</b>
<b>WUR / UoL / UoS / MPI</b> Avitabile, Valerio; Schepaschenko, Dmitry; Balzter, Heiko; Carreiras, Joao; Carvalhais, Nuno ...	11:10 <b>Towards a Global In Situ Forest Biomass Database and a Strategy for Validation of Global Biomass Maps</b>

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<b>Session: Spot5Take5: CNES-ESA simulate Sentinel-2 3</b>	<b>12.05.2016, 13:10-14:50</b>
<b>IGIK / Uni Warsaw</b> Dabrowska-Zielinska, Katarzyna; Tomaszewska, Monika; Musial, Jan Pawel; Budzynska, Maria; Bartold, Maciej	13:30 SPOT Take5 Opportunities for Different Areas Covered by Vegetation in Poland
<b>Session: Tropical Forest and REDD+ 2</b>	<b>12.05.2016, 15:20-17:00</b>
<b>CESBIO/CSIR</b> Mermoz, Stephane; Bouvet, Alexandre; Le Toan, Thuy; Mathieu, Renaud; Villard, Ludovic	16:00 Biomass Estimation and Changes in South Africa using Sentinel-1, ALOS and ALOS-2 between 2010 and 2015
<b>Session: Forestry Methods 1</b>	<b>13.05.2016, 8:00 – 9:40</b>
<b>UoS</b> Carreiras, Joao; Lucas, Richard; Jones, Joshua	08:00 Remote Sensing of Tropical Forest Regeneration: Is Better Discrimination Achieved with Optical, Radar or Both?

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<b>Partner, Name</b>	<b>Poster – paper-no, title</b>
<b>Uni Jena</b> Thiel, Christian; Schmullius, Christiane	<b>Demonstrating the Potential of ALOS PALSAR Backscatter and INSAR Coherence for Forest Growing Stock Volume Estimation in Central Siberia</b> ID: 1455
<b>Uni Jena</b> Thiel, Christian; Schullius, Christiane	<b>Derivation of Forest Parameters from Stereographic UAV Data – A Comparison with Airborne Lidar</b> ID: 158
<b>Uni Jena</b> Pathe, Carsten; Salepci, Nesrin; Thiel, Christian; Schmullius	<b>In-situ soil moisture measurements under forest for a better understanding of above ground biomass retrieval from C-band SAR</b> ID: 831
<b>UoS / CESBIO / MPI</b> Carreiras, João; Quegan, Shaun, Le Toan, Thuy ...	<b>The impact of space surveillance stations on ESA's BIOMASS mission objectives</b> ID: 1903
<b>IGIK / Uni Warsaw</b> Dabrowska-Zielinska, Katarzyna; Budzynska, Maria; Tomaszewska, Monika; Musial, Jan Pawel; Bartold, Maciej; Gatkowska, Martyna	<b>Application of Sentinel-1 Data For Biomass and Soil Moisture for Different Areas of Vegetation</b> ID: 1393
<b>IGIK</b> Hoscilo, Agata; Lewandowska, Aneta	<b>Application of remotely sensed data to the management of fire events in Poland</b> ID: 1743

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*IGIK*

Musial, Jan Pawel

**Towards soil moisture retrieval based on radar and optical satellite imagery. First results of ESA EXPRO project on Sentinel-1 validation in Biebrza wetlands**

ID: 1359