

Remote Sensing for Land Degradation Analysis and Sustainable Management of Agroforestry Systems

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workshop organized by the **Italian Society of Agricultural Engineering (AIIA)**



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Chairman

Paolo Tarolli, University of Padova, Italy

Invited speakers

Earth observation, machine learning and ecosystem modelling for agricultural drought monitoring and impact prediction

Matthias Forkel, TU Dresden, Germany

Monitoring from close-range remote sensing the hydraulic resistance (Manning) of agricultural channel network

Jean-Stephane Bailly, AgroParisTech, France

Soil erosion and SfM covering various spatio-temporal scales

Anette Eltner, TU Dresden, Germany

Topography meter: remote sensing with a novel 3D surface measuring technique

Xiangzhou Xu, Dalian University of Technology, PR China

Abandoned reservoirs and gully erosion analysis using LiDAR

Niculita Mihai, University of Iasi, Romania



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Dipartimento Territorio
e Sistemi Agro-Forestali
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