



## BUA 2019 CONFERENCE

5<sup>th</sup> ANNUAL MEETING, THESSALONIKI APRIL 16-18, 2019

### Balkan Universities Association UN2030 SDG, The Role of the Universities

The Balkan Universities Association (BUA) is an association of universities and is open to other universities in the Balkan Area. The BUA is registered as a nongovernmental association.

The primary aim of the BUA is to determine a leading vision for the future through the universities, the libraries, the research centers in Balkan region on the basis of common global values by considering the necessities of the time. Besides, forming up a scientific network in the areas of the language, the culture, the art, the history, the economy, the education and sports and caring out collaborative scientific works in these areas are aims of BUA.



Laboratory of  
Photogrammetry &  
Remote Sensing,  
School of Rural &  
Surveying Engineering,  
Aristotle University of  
Thessaloniki

The Laboratory of Photogrammetry and Remote Sensing of the Department of Surveying Engineering AUTH ([PersLab](#)) is participating at [BUA 2019 Conference](#), taking place in Thessaloniki, 16-18 April 2019, with a submitted paper on topic of ***“Sustainable Development-Earth Observation Data - Societal Benefit Areas”*** ([download](#)).

[PersLab](#) is currently participating at a number of relevant H2020 and other Research Projects funded under the European Commission, for addressing the global research challenge of the implementation of the UN 2030 Agenda.

Within that context, the current study, demonstrates the research progress, the ongoing scientific efforts, the existing challenges and the future work of the PersLab, focusing on the use of Earth Observation data in support to the monitoring and reporting of the SDGs.

The Director of PersLab, Prof. Petros Patias had the pleasure to present **“The use of Earth Observation data in support to UN Sustainable Goals”** and disseminate the research activities of the relevant ongoing research projects under [ERA-PLANET](#)



([GEOEssential](#) and [SMURBS](#)).



The global sustainability challenges, the reliable access to environmental data and the accountable scientific knowledge to integrate the various data sets are the key elements to face the SDGs.

Offering a realistic solution by involving all stakeholders specifically citizens, together with satellite based EO traditional approaches is essential to the entire implementation of SDG cycle.

Examples and case studies that demonstrate the use of satellite imagery to quantify the data changes or gaps of workflows from data sources, the barriers and challenges from that procedure and also the use of remote sensing as alternative methodology to the calculation of EVs are also examined.

The future vision of the contribution of research EO products in the complete calculation of certain SDG indicators that are combined with only analysis-ready remote sensing will be an automated process given by visual dashboards that will visualize the results in various scales and conditions.

The conference was live streaming at time of the event and also shared on internet via official site of AUTH ([www.auth.gr](http://www.auth.gr)) and posted via social media at twitter account of PersLab AUTH.



**Poster of BUA Conference- 5<sup>th</sup> Annual Meeting**



Homepage of AUTH website screenshot by 17 April 2019

[www.auth.gr](http://www.auth.gr)



PersLab AUTH screenshot & tweets by 17 April 2019

[www.twitter.com/perslab\\_auth](https://www.twitter.com/perslab_auth)







