



remote sensing

Dear Colleagues,

We are pleased to announce that the winner of the *Remote Sensing* 2021 Young Investigator Award is Mr. Celso Henrique Leite Silva Junior.

Celso H. L. Silva Junior is a PhD Candidate in *Remote Sensing* at the National Institute for Space Research – INPE (Brasil) and Professor of Cartography at the Agricultural Engineering Department of the State University of Maranhão – UEMA (Brazil). He has an MSc in *Remote Sensing* from INPE, São José dos Campos, Brazil, with a dissertation focusing on integrating airborne LIDAR (Light Detection and Ranging) with over 30-years of Landsat-based forest-cover change maps for quantifying the impacts of deforestation edge effects across the tropics on the stability of carbon stocks in Amazonian forests and carbon emissions from deforestation.

Celso started his studies in *Remote Sensing* in 2009 at the CEUMA University – UniCEUMA (Brazil), graduating with a bachelor's degree in Environmental Engineering in 2014. At the National Institute for Space Research, Celso has been developing his PhD Thesis at the Tropical Ecosystems and Environmental Sciences Laboratory (TREES) under the supervision of Dr Luiz Aragão and Dr Liana Anderson, funded by the Coordination for the Improvement of Higher Education Personnel (CAPES). His particular expertise in analyzing big datasets with state-of-the-art data processing techniques and his dedication and perseverance have translated into ground-breaking scientific production, which is especially outstanding considering his age and the early stage of his career.

His research topics and achievements have global scientific relevance and societal impact. He aims to advance our understanding of the global carbon budget, particularly in tropical regions. Such advances support actions to monitor, report, and verify carbon emissions in tropical nations, with direct implications for policies to mitigate climate change and meeting the goals related to the Nationally Determined Contributions (NDCs) ratified at the United Nations (UN) as part of the global efforts to minimize Earth's human-derived carbon emissions to comply with the global Sustainable Development Goals (SDGs). As the awardee, Mr. Celso Henrique Leite Silva Junior will receive an honorarium of 2000 CHF.

We would like to thank all the nominees from various fields of study for their participation and all the Award Committee Members for their evaluation of the abundant excellent nominations.

Associate Editor, Prof. Dr. Jose Moreno, on behalf of the *Remote Sensing* 2021 Young Investigator Award Evaluation Committee.

2021 YOUNG INVESTIGATOR AWARD
WINNER



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