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Sixth International Symposium on LAPAN-IPB Satellite (LISAT 2019)

Yudi Setiawan
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Editors

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Introduction

This proceedings volume includes presentations from The Sixth International Symposium on LAPAN-IPB Satellite (LISAT 2019), held 17-18 September 2019 at the IPB International Convention Center, Bogor, Indonesia. This symposium was jointly organized by Center for Environmental Research, Research and Community Services Institution, IPB (PPLH-LPPM, IPB), Directorate of International Program, IPB University (Indonesia) and the National Institute of Aeronautics and Space of Indonesia (LAPAN), Indonesia. This symposium was focused on: enhancing beneficial use of satellite technology in the fields of agriculture, forestry, climate change, and marine resources, in terms of food security and environmental monitoring; and completing processing chains of the LISAT satellite data utilization from upstream to downstream as well as the existing environmental satellite data of the selected locations in accordance with the focus study.

The committee received 132 abstract titles for both oral presentation (86 titles) and poster presentation (46 titles), from various scientists and students from different institutions. These research papers were reviewed by the scientific committee of LISAT 2019. Regarding the peer review result, 74 papers were selected to be published in this issue, which mostly focused on enhancing the beneficial use of satellite technology in terms of food security in the fields of agriculture, forestry, climate change, and fisheries/marine resources. Indeed, the results from this symposium will provide useful information from satellite technology in order to support the government's programs for food security and environmental monitoring. Moreover, this symposium will strengthen the collaboration between multi-institutions and develop a better cooperation among the different research groups, either for basic research or technology developments.

We wish to thank the authors who have contributed to yield a high scientific standard to this issue. We are also grateful to SPIE staff for helping us to share some of the symposium results with a large audience of colleagues through the Proceedings of SPIE. This symposium was supported also by the IPB World Class University Program for fiscal year 2019 and Forests 2020 - International Partnership Program (IPP), UK Space Agency.

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Lilik Budi Prasetyo