



State-of-the-Art Technology of Remote Sensing in Russia

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Message from the Guest Editor

Dear Colleagues,

The market for remote sensing of the Earth (RS) is considered one of the fastest growing in the world. New companies, technologies and services appear every year. Great prospects are associated with the use active sounding: lidars, radars, HF radio sounding. The scale of RS satellites changes from the nanosatellites to the dedicated satellite constellations. The remote sensing information is used in many industries - agriculture, geological and hydrological research, forestry, environmental protection, site planning, educational, reconnaissance and military purposes. The Russian RS system consists from the 4 satellite constellations: Resours-P, Canopus-V, Meteor-M and Electro-L. The main purpose of this special issue is to present the modern state of the Russian RS technology, and close perspectives of its development. We invite the authors from the Russian Space industry and Space science institutions to take part in this endeavor to present their vision but the perspective of development of the satellite and scientific technology of remote sensing in Russia.





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