

Modern Geospatial Challenges of Russia

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SUMMARY

Russia as the largest country in the world has always paid great attention to the accounting and description of its territories, as well as to the issues of improving management efficiency at all levels. That is why Russia always had a strong science in geodesy and cartography, we always emphasize development of data collection and processing algorithms, invention and technology creation.

The main challenge for the next 5 years for Russia is the digitalization of the economy. The government has formed the Digital Economy program, in which a large role is given to the digital development of geodesy and cartography as a basis platform, that will support implementation of geodata in all industries to carry out their activities more efficiently.

Russia has already achieved a lot in this area: a modern system of registration of rights and cadastre, new services, experimenting with intellectual processing of geodata, developing of photogrammetric software, unmanned vehicles, etc.

It is still much to do to introduce modern technologies and transition to high-quality services for the economy, taking into account global trends and the need for international cooperation in response to global challenges.

Our expertise allows us to support other countries build their own geospatial systems, grow economically and sustainably. Together we create modern infrastructure of geodata using of fundamental and applied methods of geodesy. We have been providing this kind of support to our partners from the CIS, Vietnam, Cuba, etc. for many years.

In Russia we have a cooperation of universities, scientific centers, technology companies well known in the world in field of geospatial. We have a large community of Russian universities graduates in more than 70 countries. We are opened to find new partners, new projects and new ways of interaction to exchange of experience, best solutions and technology.

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