



FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:
Resilient Environment
and Sustainable
Resource Management
for All

Geospatial digital engineering: training of qualified specialists and implementation of technologies in the real sector of economy

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Geospatial digital engineering

Engineering discipline that focuses on:
spatial information,
incorporating aspects of computer engineering,
surveying and mapping.

Experts in this field combine relevant professions such as:
surveyor,
cartographer,
unmanned aerial vehicle operator.





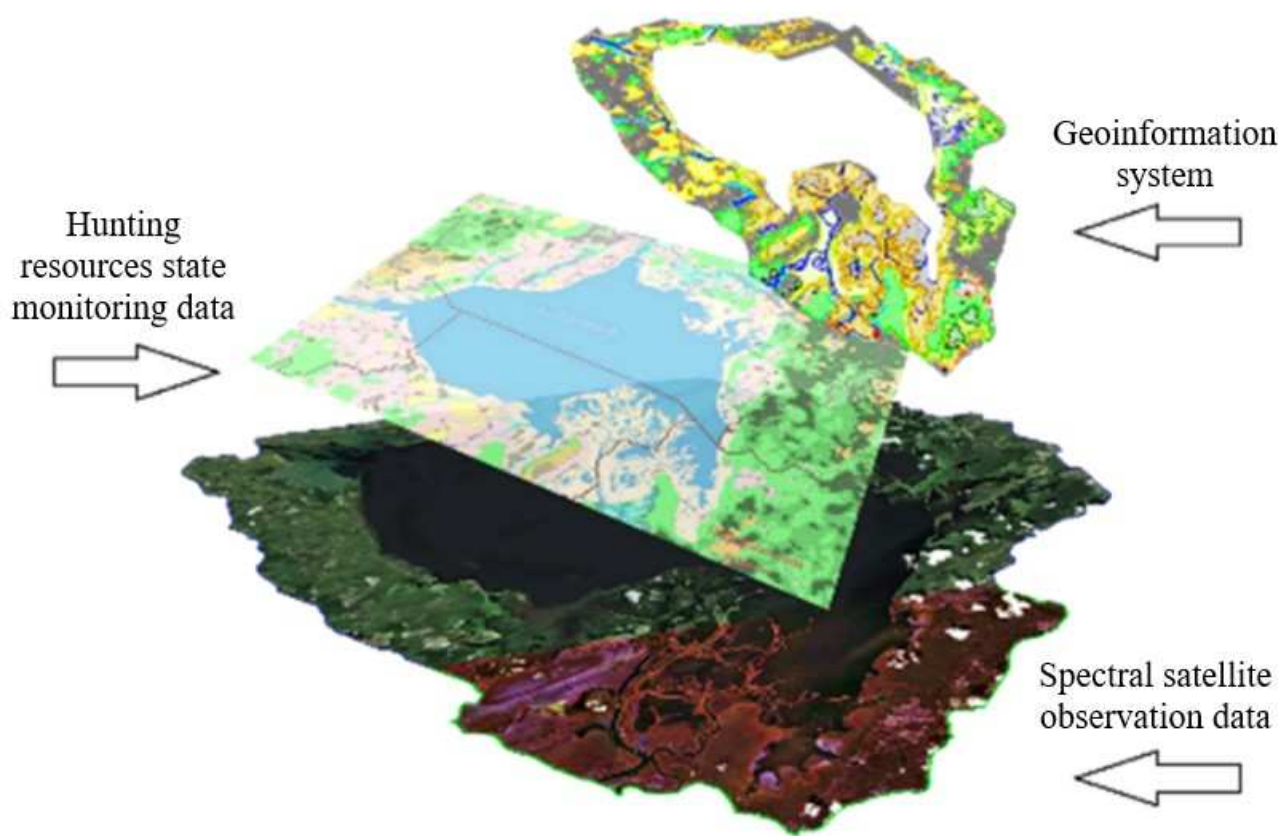
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Final product of a competence engineer



Is a complex geoinformation system

that can be used in:
design and construction of facilities,
engineering development of territories,
scientific research,
land monitoring.



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Training of skilled professionals

- The basic specializations are represented in more than 180 colleges in 59 cities of Russia.
- Elaborated at Yaroslav-the-Wise Novgorod State University and introduced into number of higher education training areas.
- Possible for foreign organizations.





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Implementation of technologies into the real sector of economy

- construction,
- subsoil use,
- nature management,
- environmental management and monitoring,
- agriculture,
- electric power industry.





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Relevance and demand for competencies

Geodesy and cartography digital transformation is taking place, as well as the transformation of industries that are spatial data consumers.



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SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals

Commission 2

Professional Education

Serving Society for the Benefit of People and Planet

