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Automated Training of Using GPS-GLONASS Technology for Surveyors

"ROSREESTR" Real Estate Cadastre

Law and survey report
Competences of cadastral engineer

- Land law
  - Legal aspects

- Surveying
  - Technical aspects
Textbooks
Lectures
Workshops

Knowledge operation system

Land law
Legal aspects
Surveying
Technical aspects

Competences of cadastral engineer

Online book editor

- Collaboration
- Editing history
- Access rights
- Fulltext search
Online book editor

- Auto numeration
- Paragraphs comments
- Confirmation through citation
- Drag-and-drop

Sources database

- Full texts
- Links to paragraphs
- Descriptions generation
- Text-Citations check
Competences of cadastral engineer

- Textbooks
- Lectures
- Workshops

Live books:
- online
- mobile apps
- print

Knowledge operation system

Land law
Legal aspects

Surveying
Technical aspects

Export

- HTML export
- Print on-demand
- Apple iOS app
- Google Android app
Professional community Cadastre.ru

Live books:
- online
- mobile apps
- print

Textbooks
Lectures
Workshops

Knowledge operation system

Land law
Legal aspects

Surveying
Technical aspects

Competences of cadastral engineer

Professional online community

- Asking for help
- Document examples
- Looking for partners
- Data sharing
Professional community Cadastre.ru

Live books:
• online
• mobile apps
• print

Online services:
• test examination
• collaborative map
• utilities

Knowledge operation system

Textbooks
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Workshops

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Competences of cadastral engineer

Practice for the qualifying examination

• Examination
• Theme grouping

• Highlights
• Quotes of regulations
Collaboration tools

- Common map
- Data sharing
- Wiki
- Advanced profiles

Professional community Cadastre.ru

Live books:
- online
- mobile apps
- print

Textbooks
Lectures
Workshops

Knowledge operation system

Online services

Training simulator
Practical studies
Real equipment

Surveying
Technical aspects

Land law
Legal aspects

Competences of cadastral engineer
Terrain model

- Dilution of precision
- Remote sensing data

Height map
Earth displacement
Fieldwork

- Set base and rovers
- Measure distance
- Load points and exercise
- Router auto moving

Device emulation

- Stations control
- Raw data record
- RTK survey emulation
- Time skip
Data post processing

- Raw and RTK data
- Accuracy report
- Visual control
- Set base coordinates

3D tests
### Professional community Cadastre.ru

**Live books:**
- online
- mobile apps
- print

**Online services:**
- test examination
- collaborative map
- utilities

**Knowledge operation system**
- Textbooks
- Lectures
- Workshops

**Training simulator**
- Practical studies
- Real equipment

**Surveying**
- Technical aspects

**Competences of cadastral engineer**

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**FIG Working Week 2012**

**Moscow State University of Geodesy and Cartography**

**Thank you for your attention**

**Please contact us by email**

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