

Cadastre 2: Session 1

University of Isfahan

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Introduction

- ▶ `faridcher.github.io`
- ▶ Email/LMS for communication
- ▶ Meet up early Ordibehesht and on the exam day

Grading and Evaluation

- ▶ Weekly software/programming exercises and reports
- ▶ All materials are in English
- ▶ English communications and reports are preferred
- ▶ Free and open source software (FOSS): QGIS, GDAL, GRASS and Python
- ▶ Class attendance and participation
- ▶ Final theory and practical exams

Textbooks

Jantien E. Stoter and Peter van Oosterom. *3D cadastre in an international context: legal, organizational, and technological aspects*. CRC Press, 2006.

Peter Wyatt and Martin P. Ralphs. *GIS in land and property management*. Taylor & Francis, 2003.

Peter F. Dale and John D. McLaughlin. *Land information management*. Oxford University Press, 1988.

Gerhard Larsson. *Land registration and cadastral systems; tools for land information and management*. Longman Scientific and Technical, 1991.

Other references

- ▶ Google and the Internet
- ▶ Wikipedia
- ▶ OGC and ISO standards
- ▶ Software documentations

Cadastral in Iran

- ▶ Apartment subdivision (تفکیک آپارتمان)
- ▶ Parcel outsource (برونسپاری عرصه)
- ▶ Cadastral laws

Exercise 1

- ▶ Install software applications on your computers