Institute of Geography

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Advanced Methods MSc/MA
Scripting for GIS Analysis

Dr. Sebastian Feick

Applicability: MV-MSc, MV-MA; **ECTS**: 5
Number of participants: max. 20

Course Prerequisites: Advanced GIS skills (e. g. Seminar GIS I & II); Willingness to learn a (further) script language; Experience with other script languages (R, SQL, …) is an advantage

Organizational Issues

- Biweekly, 7 dates (10/23, 11/06, 11/20, 12/04, 12/18, 01/15, 01/29)
- First date: Tuesday, 10/23/2018 (*No preliminary talk*)

Course Software

- ArcGIS (ESRI)
- PythonWin

Learning Outcomes

- You have a deeper insight into GI-Systems
- You are able to use the script language Python
- You are familiar with Python's site-package (program library) ArcPy.
- You can apply python scripts to automate GIS-workflows

Course date: Wednesday (biweekly.), 08:15 – 11:30, Room: CIP-Room 00.133

Preliminary talk: -