ETH zürich

ETH Library

Coffee Lectures

Lost in Space?

Finding maps and geodata for research and teaching

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22 June 2022, Webinar via Zoom

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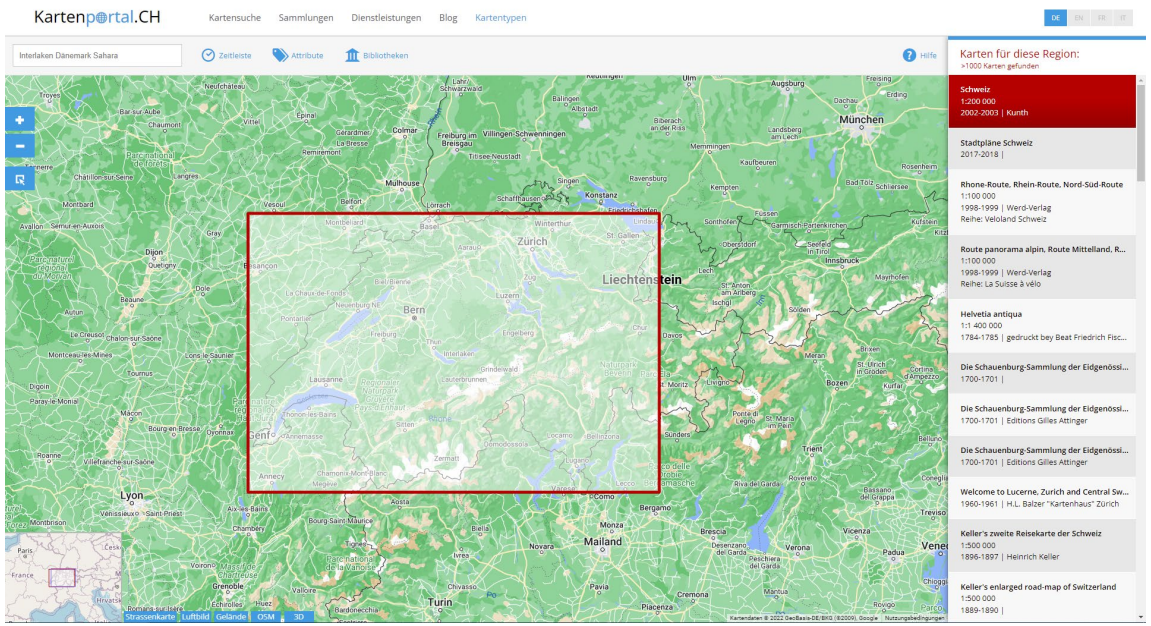
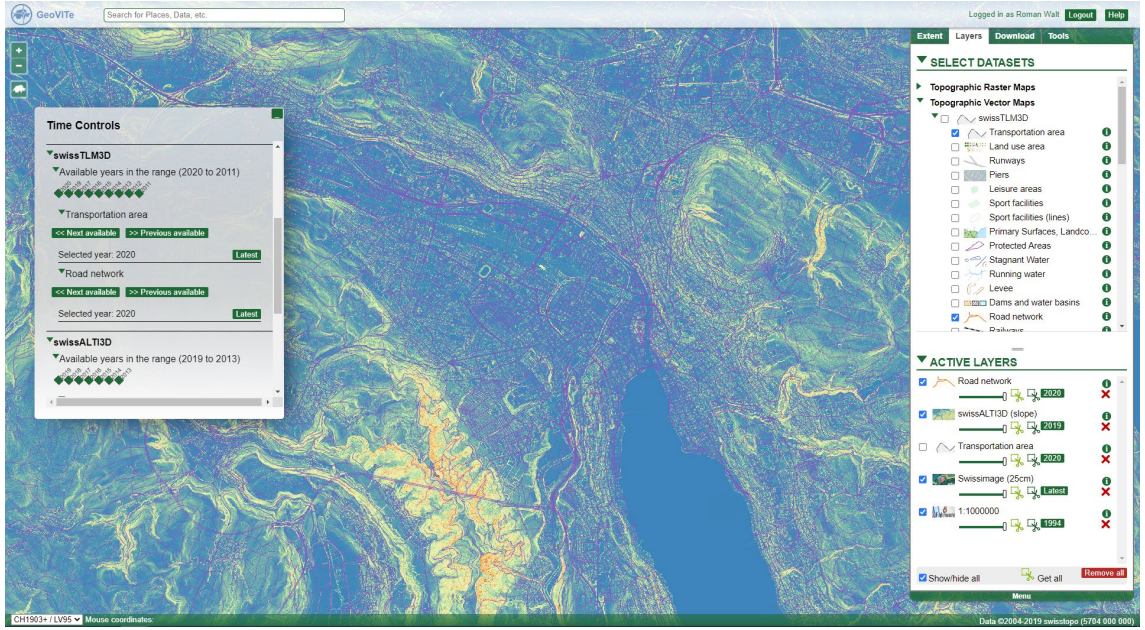
Learning objectives

At the end of the coffee lecture, you are able to

- name the different scopes of platforms like Kartenportal.CH and GeoVITe
- choose the right platform for your “spatial topic” in research and teaching.





Maps and geodata at ETH Library

- Map department founded in 1972
- About 400’000 map sheets, 1’250 atlases, 700 maps before 1850
- Thematic focus: Scientific, technical and topographical maps and atlases from the 19th to 21st centuries: single maps, map series, plans of cadastral surveying, city maps, panoramas, satellite photographs, etc.
- > 150 TB geodata from the Federal Office of Topography swisstopo and several other Swiss and European institutions
- Platforms:

Kartenportal.CH

e | rara

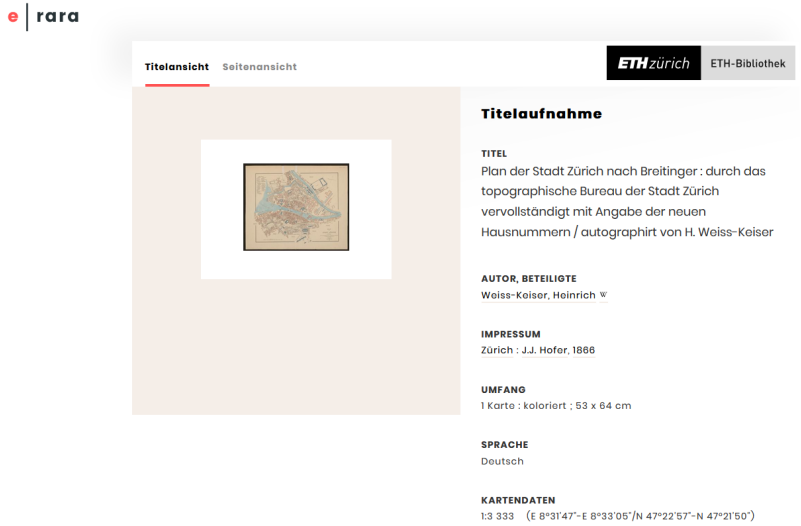
Old Maps Online

ETHorama

GeoVITe

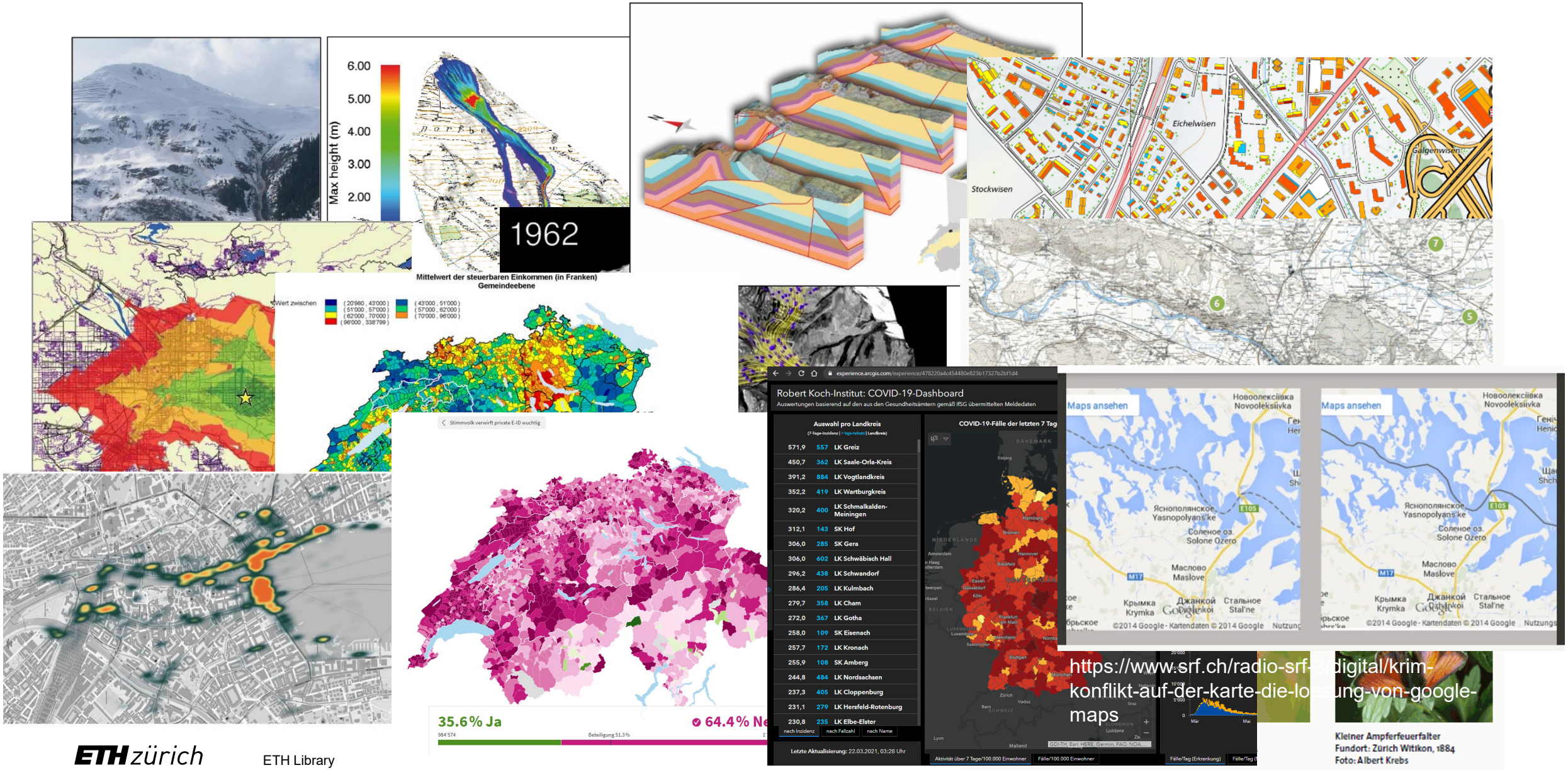
ETH-Bibliothek @ swisscovery

Maps and geodata at ETH Library



- Maps from the 18th to the 21th century have been digitized since 2013 and published on e-rara.ch
- Maps from Switzerland, City Maps, folded maps (2013 – 2017), Atlases (2018/2019), maps worldwide (2019+)
- Currently there are about 1’850 map titles available via e-rara.ch (public domain licence, IIIF manifest)
- 2’800 digitized map sheets have been georeferenced by crowdsourcing

Finding maps and geodata: Kartenportal.CH and GeoVITe



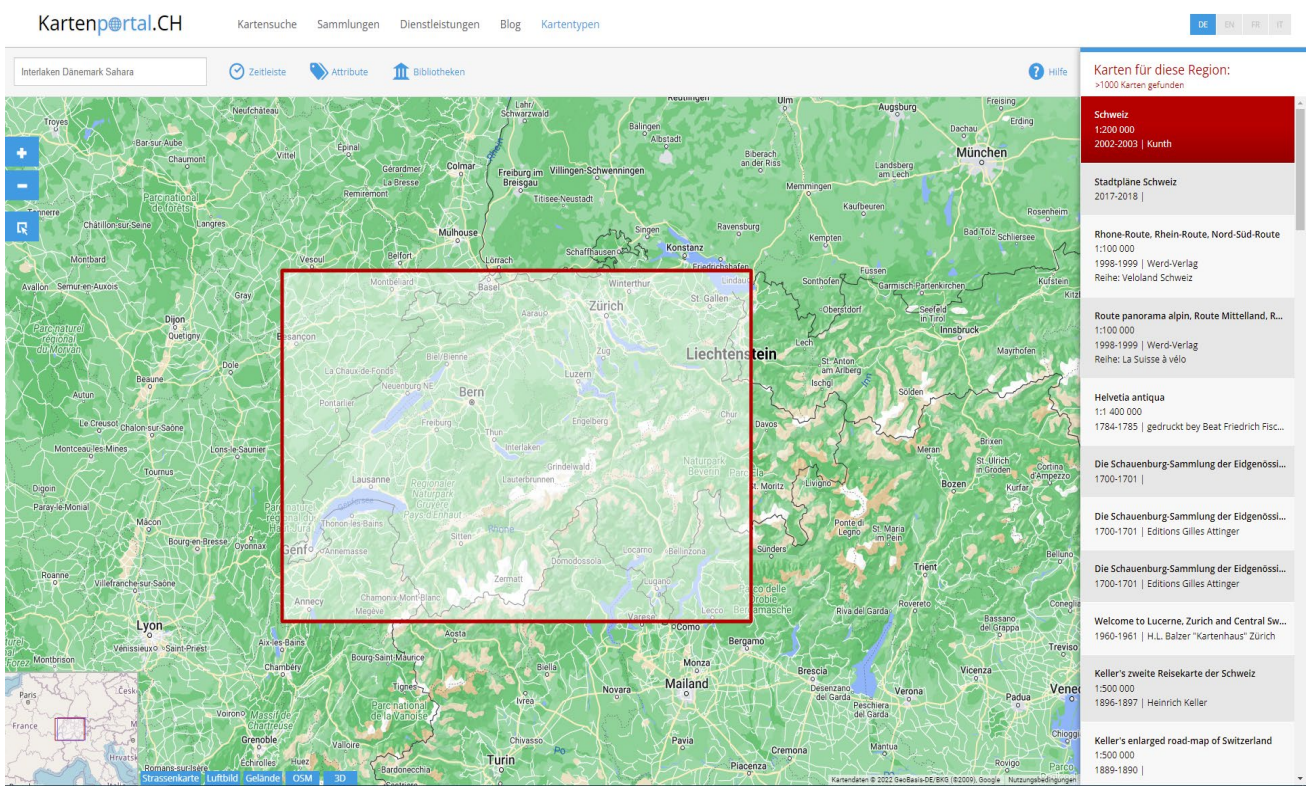
https://www.srf.ch/radio-srf-2/digital/krim-konflikt-auf-der-karte-die-lo[illegible]ung-von-google-maps

Finding maps and geodata: Kartenportal.CH and GeoVITe

«What kind of maps do I need?»

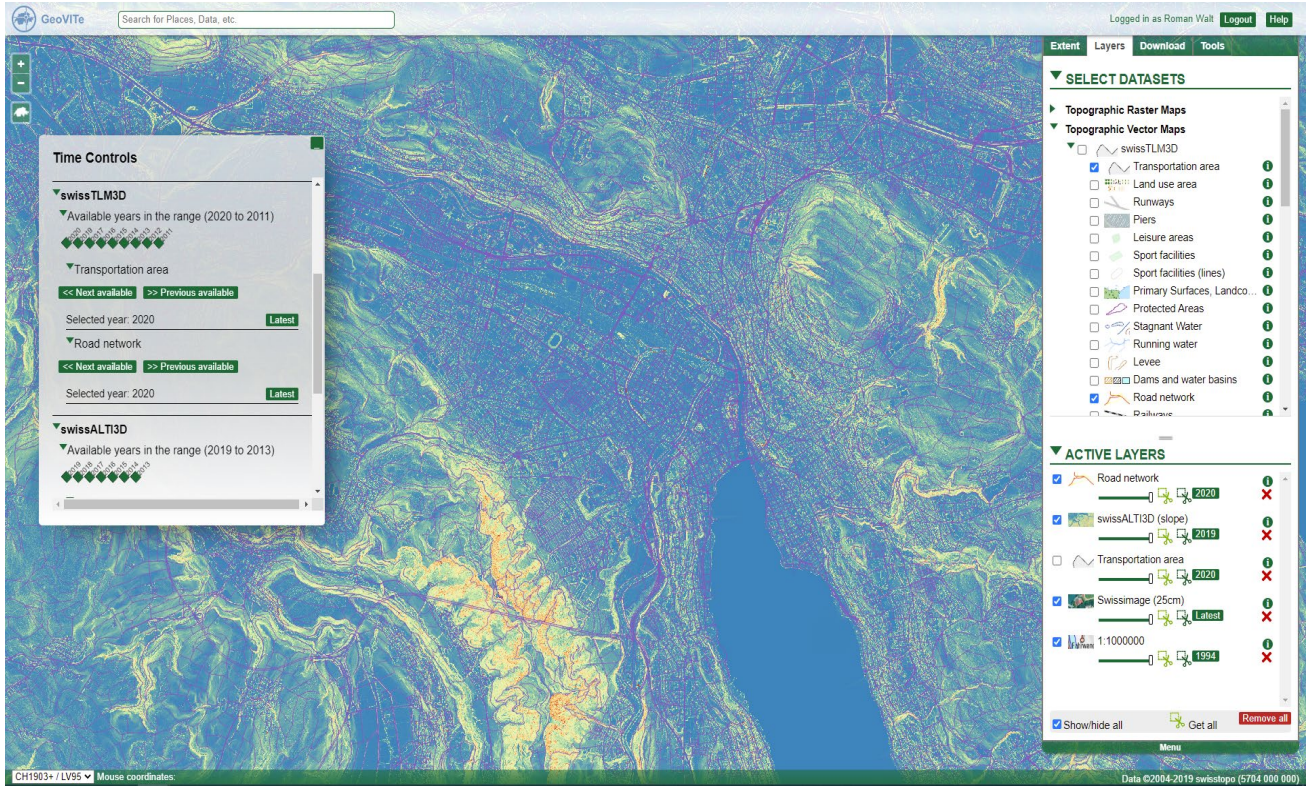
- Printed / paper map or digital map / geodata?
- Swiss centred or European / worldwide?
- Historical or up-to-date?
- specific focus or «open range»?
- reusable in GIS-systems?
- Maps / data with unrestricted access?
- Maps / data directly available for download?
- …

Kartenportal.CH



- **Visual catalogue for map search**
- Map material from all map collections in Switzerland whose holdings are listed in swisscovery
  - printed
  - digitized (mostly not georeferenced)
- ca. 500’000 maps
- worldwide
- Different editions and dates
- References to the "in-house" catalogues
- Various search functions

GeoVITe



- **platform for easy and direct access to geodata**
- data from swisstopo and other swiss institutions
- 37 available datasets, different publication dates (back to 1938)
- Only Switzerland
- Various search functions and data management features
- Download in different data formats: TIFF, SHP, DXF, Geojson, Geopackage
- Restricted access (ETH domain, UNIBE, UNIFR, UZH, ZHAW)

Summary

«Do I find/have…»	**Kartenportal.CH**	**GeoVITe**
• *Printed / paper maps*	Yes	No
• *Digital maps / geodata*	(No)	Yes
• *Swiss centered maps / data*	(Yes)	Yes
• *European / worldwide maps / data*	Yes	No
• *Historical maps / data*	Yes	(Yes)
• *Up-to-date maps / data*	Yes	Yes
• *Specific focus*	(Yes)	Yes
• *Broad offer of maps / data*	Yes	No
• *GIS usable maps / data*	(No)	Yes
• *unrestricted access*	Yes	No
• *direct download access to maps / data*	No	Yes

Questions?

Next courses (in German):

- Kartenportal.CH vs. Google Maps, 25.10.2022
- GeoVITe - Geodaten interdisziplinär einsetzen, 17.11.2022

Thanks for your attention!

Next Coffee Lecture:

Research data sharing – duties and benefits

29 June 2022, Webinar via Zoom
www.library.ethz.ch/coffee-lectures

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