



Coffee Lectures

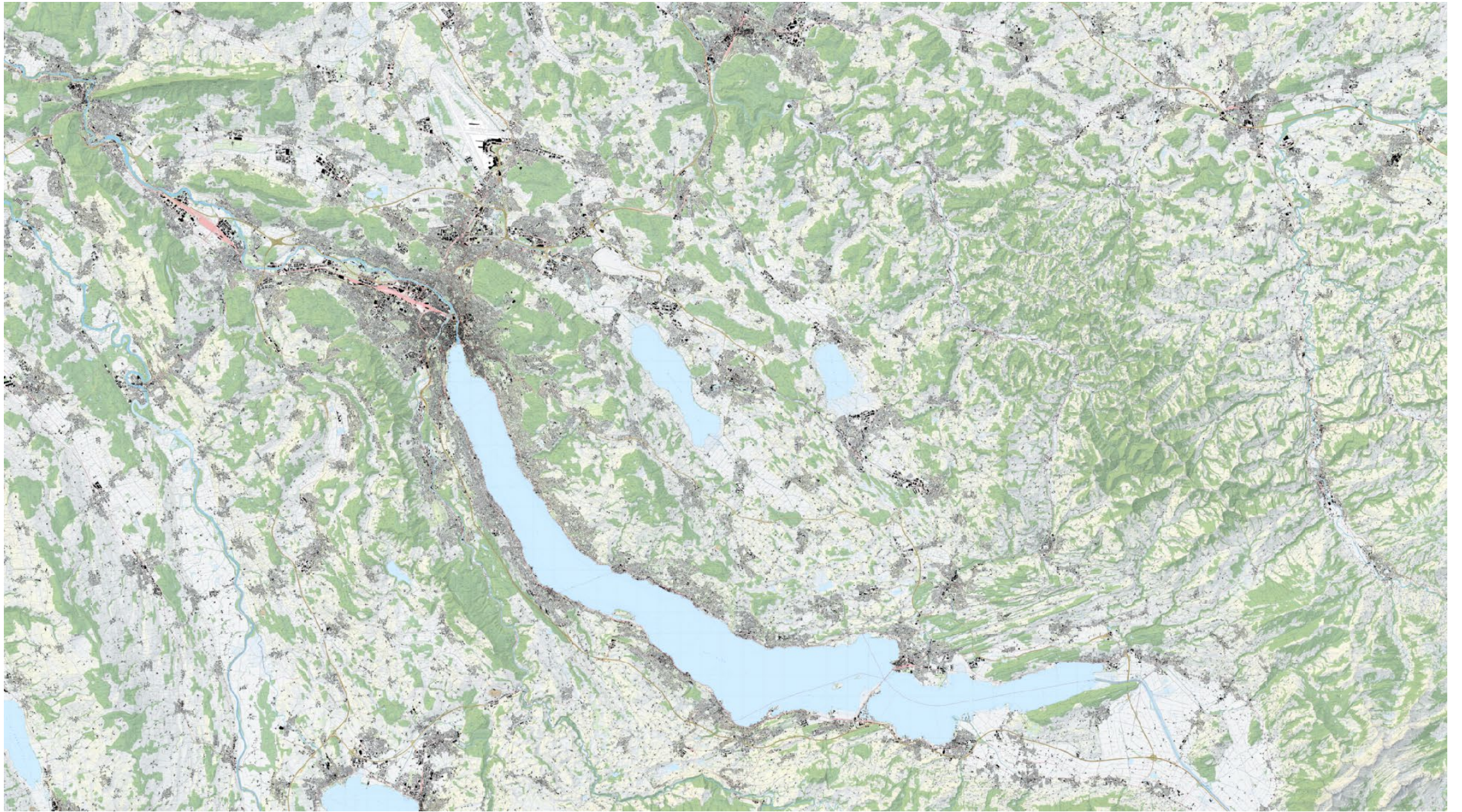
“Use the crowd” – Why  
georeferencing of historical maps  
is valuable for science

Roman Walt

29. November 2023, Webinar via Zoom

# New knowledge in 15 minutes

- We show you the benefits of georeferencing historical maps via crowdsourcing for science.
- You know how to choose the right portal for researching georeferenced maps.





# Accessibility by Digitization...

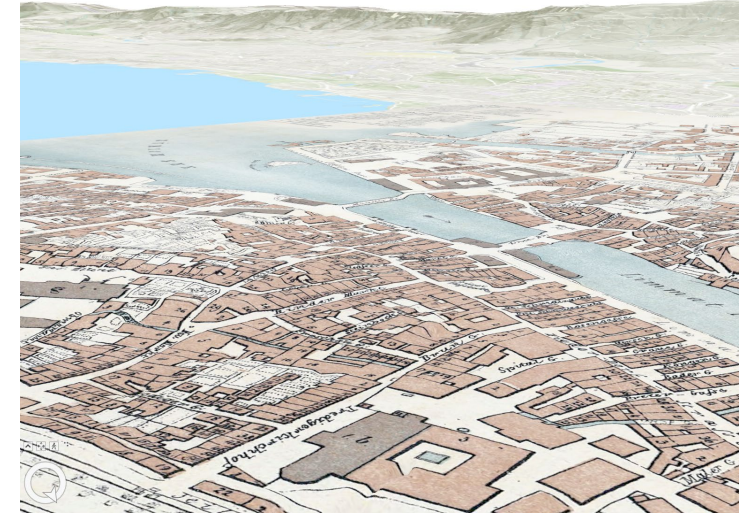
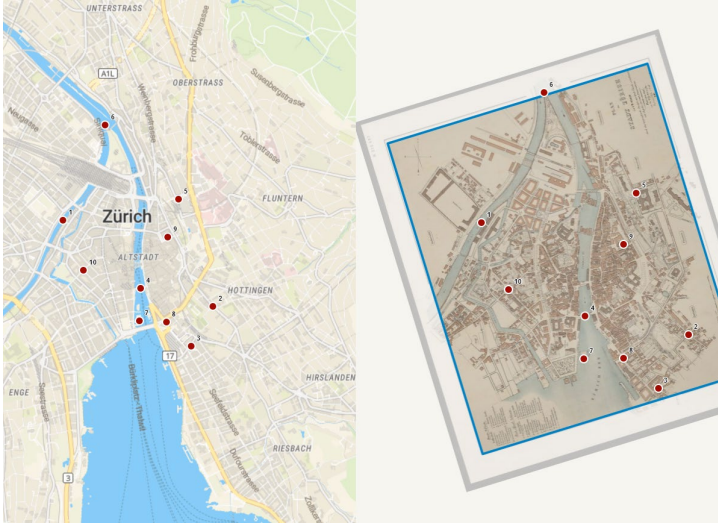


## Map collection at ETH Library

- Over 400'000 printed 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.
- Digitization since 2013, > 4'200 map titles available via e-rara.ch (public domain licence, IIF manifest)



# ... and Georeferencing by the Crowd



## Georeferenced maps at ETH Library

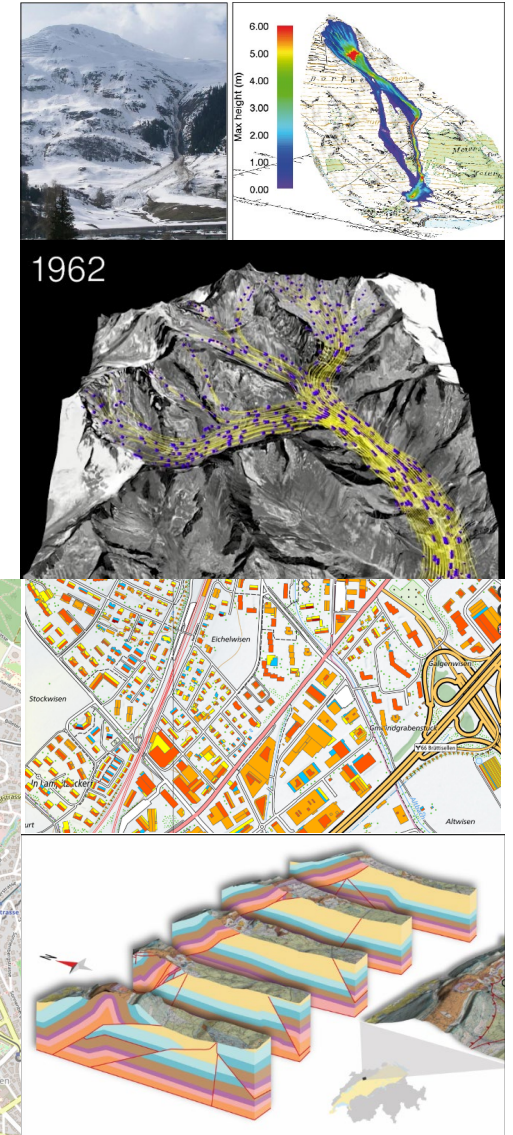
- 2'756 map sheets georeferenced by the Crowd (about 45 active people), using Tool "[Georeferencer](#)"
- "Using the Crowd": Fast, (quite) easy, high quality of georeferenced maps
- All georeferenced maps available via [oldmapsonline.org](http://oldmapsonline.org)



**UPCOMING:** ~ 3'000 digitized map sheets to be georeferenced

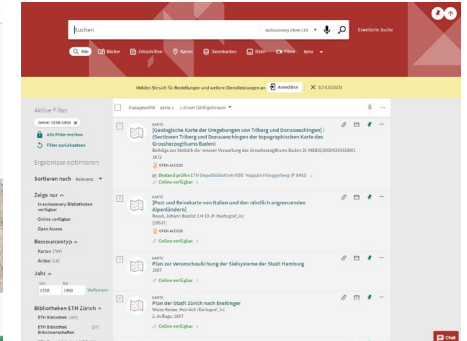
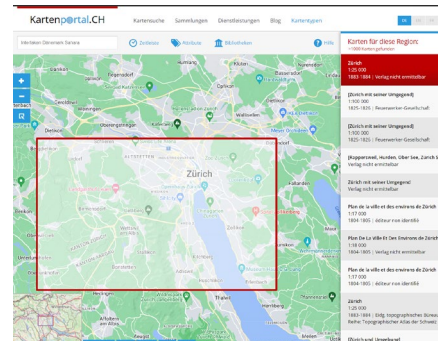
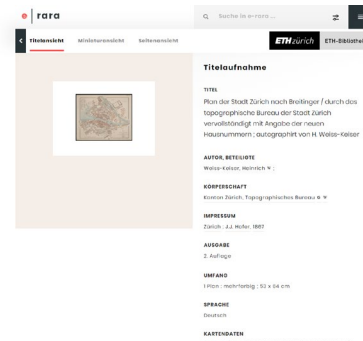
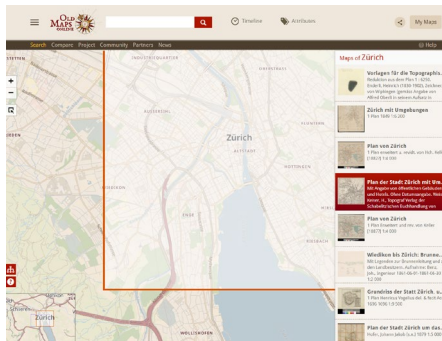
# Benefits of digitized and georeferenced maps

1. Higher accessibility and visibility
2. Interoperability for different fields of science
  - Spatial data as a connecting element
  - Combination with data from different disciplines
3. Fast and easy to use!
  - Find
  - Compare
  - Combine
  - for Beginners and (GIS-)Experts
4. Open licences for further use
  - public domain licence (e-rara.ch)



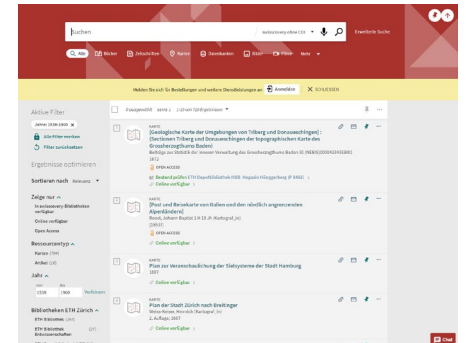
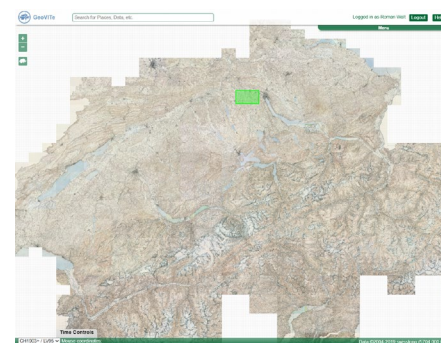
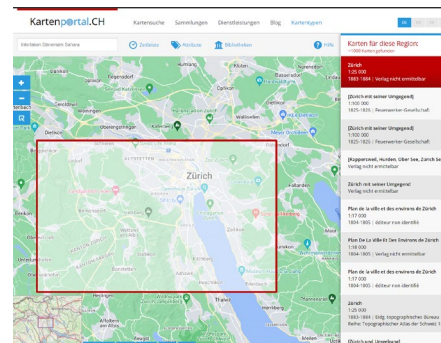
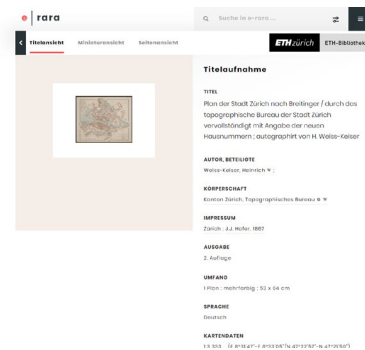
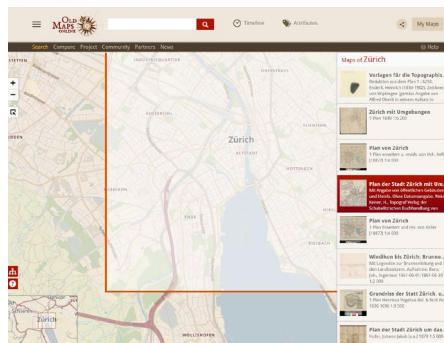
# Where to find digitized and georeferenced maps

- Georeferenced historical maps: [oldmapsonline.org](http://oldmapsonline.org)
  - Maps from ETH Library: <https://eth.oldmapsonline.org/api/v1/geosearch>
- Digitized historical maps: [www.e-rara.ch](http://www.e-rara.ch)
- All maps and geodata: [www.kartenportal.ch](http://www.kartenportal.ch)  
<https://geovite.ethz.ch/>  
[www.library.ethz.ch](http://www.library.ethz.ch)





# Questions?





# Thanks for your attention!

Next Coffee Lecture:

The Coffee Lectures will be back in February  
2024 ! Wednesdays 3.15 p.m.

Watch: [www.library.ethz.ch/coffee-lectures](http://www.library.ethz.ch/coffee-lectures) for program details!

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