



Geographic Information Visualization

Lab sessions (GEO454.2)

Spring Term 2022

Tumasch Reichenbacher

Final Research Project

G1	Fiona Federer	Annina Ardüser	Silvan Caduff
G2	Anjing Zhang	Tao Peng	Patrick Schenker
G3	Simona Di Vincenzo	Carmen Pfoster	Delia Lendenmann
G4	Alexander Truniger	Anja Fischer	
G5	Rocco, Bagutti	Giona, Crivelli	
G6	Anna Czerniejewska	Bogdan Dukic	Songlin Wang
G7	Philipp Rohr	Diana Suter	Yelu He
G9	Maria Lavinia Mihai	Hans Peter Pleisch	Georgi Panayotov
G10	Corrado Muratori	Mingyang Yuan	Leyi Xu
G11	Diego Gomes	Aiyana Signer	Sebastian Marti
G12	Ursin Beeli	Michael Zurmühle	

Maps to explore

Have a look at the following link:

<https://shiny.rstudio.com/gallery/superzip-example.html>

Identify three positive and negative aspects of the web map

Positive:

- Interactive
- User-friendly
- Dynamic statistical plots
- Responsive design
- Follows [Shneiderman's information seeking mantra](#)
 - “Overview first, zoom and filter, then details on demand”
- Transparency (see the map & overplotting points)

Negative:

- Not self-explanatory
- Sometimes slow when showing all data points
- No generalization
- Coloring affected by transparency
- Color map could be improved (sequential data)
- Units in legend
- Class breaks are...

Lab 2: Introduction to Web Design

Lab 2 consists in creating your [group website](#)

The web site should [include at least](#) the following elements:

- ▶ A home page with
 - ▶ Title
 - ▶ Salient picture
 - ▶ Navigation system between sections
- ▶ A section with background information on your research topic
- ▶ A link section with data sources
- ▶ A section with your web-maps
- ▶ A section with findings with respect to your RQ
- ▶ A section with additional sources on your research topic
- ▶ A contact section with details on group members

Lab 2: Introduction to Web Design

Group web-space

Shared folder among all GEO454 students

- ▶ Create your folder named after your group in the shared folder S:\web\geo454projects
- ▶ First work on your private group folders and upload the final version on the shared folder
- ▶ Keep a backup of your work on your private group folders
- ▶ Edit only your group folders

To access your web page the URL is:

http://www.geo.uzh.ch/microsite/geo454projects/Group1/your_file.html

Lab 2: Introduction to Web Design

To complete the Lab 2 you need to:

1. Log in to the terminal and connect to the new [Windows Remote Desktop Server](https://rds.geo.uzh.ch) (rds.geo.uzh.ch)
2. Download the [Lab 2 handout from OLAT](#) (folder "Lab Handouts")
3. Templates of HTML web design can be found here
S:\course\geo454\data\templates\HTML
4. Examples from previous years' workshops are available on the [GIVA website](#)
5. We are here to [help](#) you!

