



HafenCity University Hamburg

University Of The Built Environment And Metropolitan Development

**Seminar GIT**

## **Topic 1: Story Maps**

Study program:

**Geodesy and Geoinformatics**

Matriculation number:

**6059167 und 6056745**

Professor:

**Prof. Dr.-Ing. Jochen Schiewe**

Group 3:

**Sumit Kaur und Simeon Zeyse**

May 17, 2022

---

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Storymaps in general</b>	<b>1</b>
2.1	Structure . . . . .	2
2.2	Types . . . . .	2
2.3	Visual design techniques . . . . .	3
<b>3</b>	<b>Results of the studies</b>	<b>3</b>
3.1	Teachers' view . . . . .	3
3.1.1	Study 1 . . . . .	3
3.1.2	Study 2 . . . . .	4
3.1.3	Findings . . . . .	4
3.2	Students' view . . . . .	5
<b>4</b>	<b>Conclusion</b>	<b>6</b>
	<b>Bibliography</b>	<b>8</b>

## 1 Introduction

Storytelling in many ways are a big part of many subjects in school. Especially when it comes to a subject like geography, history or social studies, it is often essential to understand the temporal and spatial context of a story. This is when map based Storytelling can play to its strengths. Such Story Maps can visualize spatial data and temporal order at the same time while including the content of the story. Furthermore, visual storytelling offers hybridization in cartography through combining technology and multimedia. Story Maps encourage non-expert user groups to participate in map creation. They can use it to generate their own location-based stories (Kerski, 2015).

## Bibliography

- Aladag, E. (2014). An evaluation of geographic information systems in social studies lessons: Teachers' views. *Educational Sciences: Theory and Practice*, 14(4), 1533–1539.
- Strachan, C., & Mitchell, J. (2014). Teachers' perceptions of esri story maps as effective teaching tools. *Review of International Geographical Education Online*, 4, 195–220.
- Egiebor, E. E., & Foster, E. J. (2019). Students' perceptions of their engagement using gis-story maps. *Journal of Geography*, 118(2), 51–65. <https://doi.org/10.1080/00221341.2018.1515975>
- Kerski, J. J. (2015). Geo-awareness, geo-enablement, geotechnologies, citizen science, and storytelling: Geography on the world stage. *Geography compass*, 9(1), 14–26.
- Roth, R. E. (2021). Cartographic design as visual storytelling: Synthesis and review of map-based narratives, genres, and tropes. *The Cartographic Journal*, 58(1), 83–114. <https://doi.org/10.1080/00087041.2019.1633103>