

# HAAG Weekly Report Week 14

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## Time-Log

What did you do this week?

- Updated website
- Fixed an issue where if you move a point twice it relocates to a random spot
- Fixed an issue where points were slow to move
- Fixed scaling when points are returned to the backend
- Readied files for also displaying an inverted image

What are you going to do next week

- Keep website updated
- Be able to display inverted image
- Fix bug where if you refresh webpage it will re-scaled points (and they will no longer fit the image)
- My code is not updating to github, so i need to fix that

Blockers, things you want to flag, problems, etc.

- None

## Abstracts:

Link: <https://dl.acm.org/doi/10.1145/3544548.3581569>

### **Virtual and Augmented Reality for Environmental Sustainability: A Systematic Review**

Modern news aggregators do the hard work of organizing a large news stream, creating collections for a given news story with tens of source options. This paper shows that navigating large source collections for a news story can be challenging without further guidance. In this work, we design three interfaces – the Annotated Article, the Recomposed Article, and the Question Grid – aimed at accompanying news readers in discovering coverage diversity while they read. A first usability study with 10 journalism experts confirms the designed interfaces all reveal coverage diversity and determine each interface's potential use cases and audiences. In a second usability study, we developed and implemented a reading exercise with 95 novice news readers to measure exposure to coverage diversity. Results show that Annotated Article users are able to answer questions 34% more completely than with two existing interfaces while finding the interface equally easy to use.

**Summary:** This paper designs and implements three news interfaces that highlight multiple news coverage from a diversity of new sources. They also evaluate two usability studies to provide readers with a more complete story that would be found from more biased sources.

## What did you do and prove it

This week I fixed bugs in the program and prepared the backend to display a color inverted image. Next week I am going to enable also visualizing the inverted image, and ready the website for multiple images. Here is an example of a color inverted image. I am also planning on looking into more resources available for students for a server.

