

## Dynamic Noise and Pollution Campus Map

/progress report & planning/

### Work Done Previous Week

- pilot evaluation has been completed (used [Nasa TLX](#) forms and a questionnaire as well as user monitoring to track relevant data); all participants collected environmental data ; obtained useful feedback, new features have been implemented on the web application server : [link](#) (important)
  - a bug with marker rendering on the map has been resolved
  - automatically populate the starting point with the user's current location (or building on campus that is closest to the current location)
  - automatically populate lat/lon fields on location selection
  - click anywhere on the map to select the closest building in the database as a destination point, without having to type it in
  - user navigator to show the current location of the user and display a pop-up (for instance "You have reached your destination") when they reach their desired location
  - timestamp filters have been improved
  - added start/stop tracking functionality under 'Locations'
  - added relevant instructions to the server specifying how to interact with the UI and included image tables to show safe levels for noise, CO and NO2
  - added download links for the client application (Android and Windows Phone) as well as completed 'SCK' and 'About' pages
- report draft revision:
  - [document link](#)

### Work Under Way

- revise chapters
- final report 'Implementation' and 'Evaluation' chapter

**Note:** The LaTeX document is rendered in parallel. Once it has more strict formatting, I will share it as well. The final evaluation should be commencing shortly.