Historical and Comparative Rainfall House Yard Monitoring in East Lake, Chattanooga, Tennessee from August 27, 2015 – November 19, 2015

Products of research

1. Types of Data Produced

Data collected for this project will be measured precipitation, measured humidity, and measured barometric pressure. Precipitation will be measured from three rain gauges in East Lake, Chattanooga. Humidity and barometric pressure will be measured by a monitoring system.

These measurements will be recorded into a notepad app on an iPhone, entered into an Excel spreadsheet. The Excel file will be saved both on the desktop computer and in Dropbox.

The data set will be analyzed and placed into a report for INSC 546 final course project.

Data format

2. Data and metadata standards

All data will be in PDF and online. A microsoft excel spreadsheet will initially be used to record all measurments. The spreadsheets can then be exported as htm files.

The metadata file describing the data will be in stored as a .docx.

The data will be sumbited to the INSC 546 professor. The data will be retrievable from a personal website..

Access to data, and data sharing practices and policies

3.Policies for access and sharing

Data will be stored on a personal Drobox account and in a personal website. The website inforamtion will be public accessible.

All data will be made available by December 3, 2015 or when the project is completed.

Because the metadata files contain personal identifying information that is not for public consumption, the metadata standards will only accompany the report submitted into class. A chart created from the Excel spreadsheet will be accompanying the data files on the website.

Policies and provisions for re-use, re-distribution and production of derivatives

4. Policies for Re-use, Distribution

The data will be sumbited to the INSC professor and to a personal website. T

The data will be made available after the project is complete or December 3, 2015 online.

I will hold the intellectual property rights of the data.

Archiving of data

The data will be archived in Dropbox and on two personal computers. The data will also be printed out in paper form and filed.