

Environmental Data Analytics (ENVIRON 872L)
Spring 2019
Project Rubric

Areas that need work	Component and Criteria	Evidence of exceeding standards	Points/Total
	<i>GitHub Repository</i> <ul style="list-style-type: none"> Set up according to instructions Updates have been committed and pushed regularly 		/10
	<i>Report Template Setup</i> <ul style="list-style-type: none"> YAML header set up correctly Table of contents, list of tables, and list of figures is populated properly Figures and tables are auto-referenced throughout the document when mentioned in the text R chunk options formatted correctly such that desired output is displayed in final document 		/15
	<i>Abstract</i> <ul style="list-style-type: none"> 250 words or less Includes key information from each section of your report 		/10
	<i>Research Question and Rationale</i> <ul style="list-style-type: none"> First paragraph includes rationale and application to an environmental topic or challenge Second paragraph details research question(s) and goal(s) 		/10

	<i>Dataset Information</i> <ul style="list-style-type: none"> • README-style information about the dataset is included in a narrative framework • Table with summary of data structure 		/10
	<i>Exploratory Data Analysis and Wrangling</i> <ul style="list-style-type: none"> • 5+ lines of summary code • 3+ exploratory graphs • Code for wrangling • Text sections accompany exploration and wrangling 		/15
	<i>Analysis</i> <ul style="list-style-type: none"> • 3+ statistical tests • 3+ final data visualizations • Text sections accompany analyses and graphs • Rationale and justification of assumptions included 		/20
	<i>Summary and Conclusions</i> <ul style="list-style-type: none"> • Summary of major findings • Answers research question(s) • Conclusions and applications 		/10
	<i>TOTAL</i>		/100