

CIVL 443 Geoenvironmental Design – CEAB GA Report

Jake Kaupp

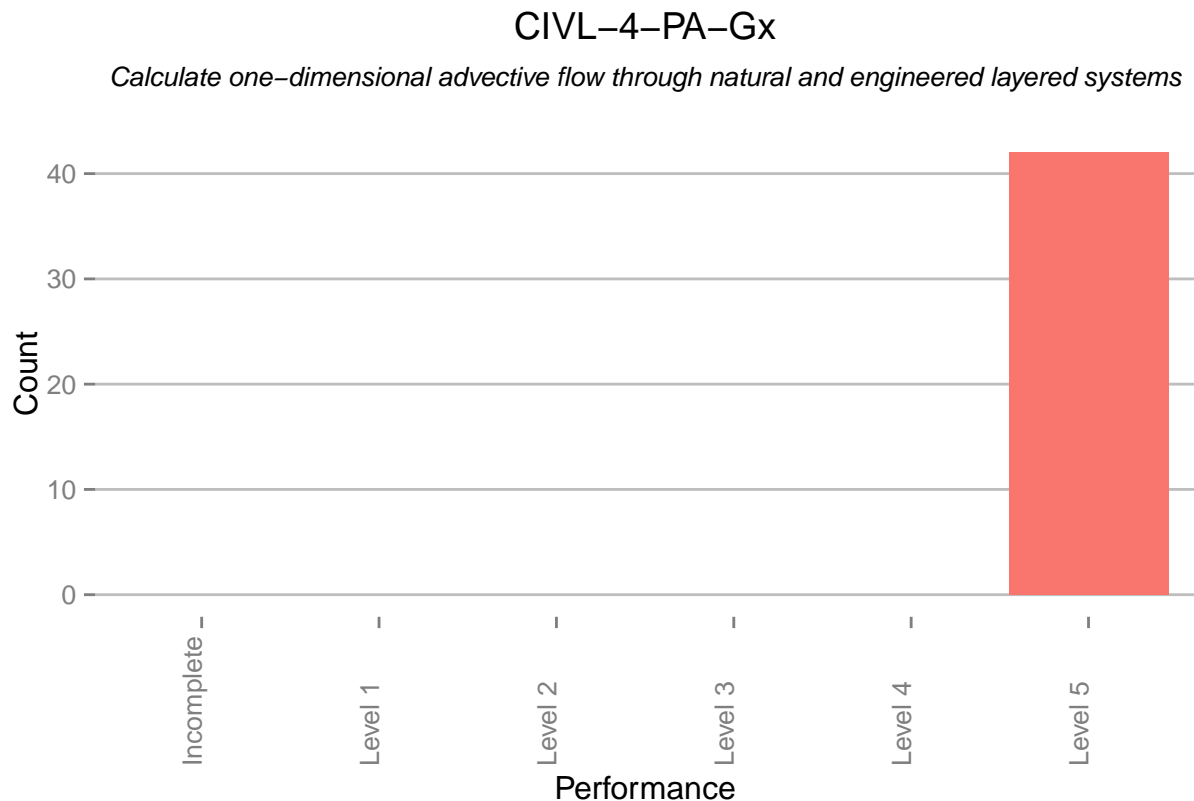
May 8, 2015

This is a preliminary report for CIVL 443, summarizing the 2014/2015 Winter Semester.

Indicator	Description
CIVL-4-PA-Gx	Calculate one-dimensional advective flow through natural and engineered layered systems
CIVL-4-ET-Gx+1	Calculate contaminant impact on receptor aquifer from waste containment facility
CIVL-4-IN-Gx+2	Construct geologic site model by designing a site investigation and interpreting results
CIVL-4-DE-Gx+3	Design a barrier system for a waste containment facility that meets Provincial environmental regulation

Student Performance on Mapped Indicators

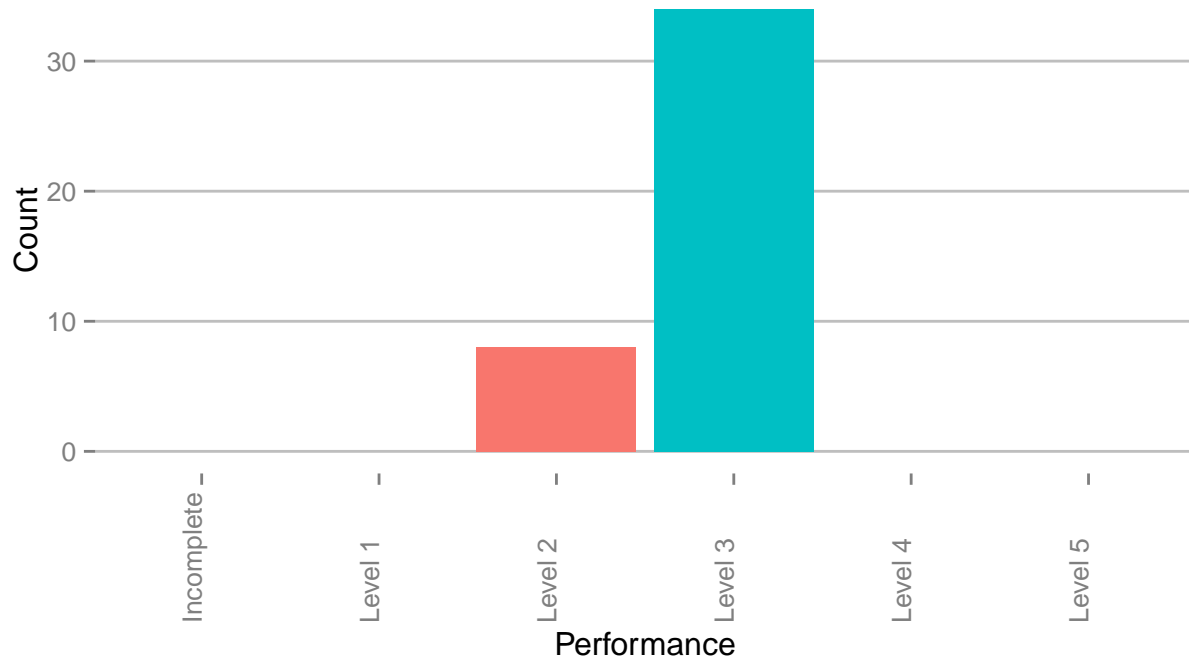
Graduate Attribute: Problem Analysis



Graduate Attribute: Engineering Tools

CIVL-4-ET-Gx+1

Calculate contaminant impact on receptor aquifer from waste containment facility

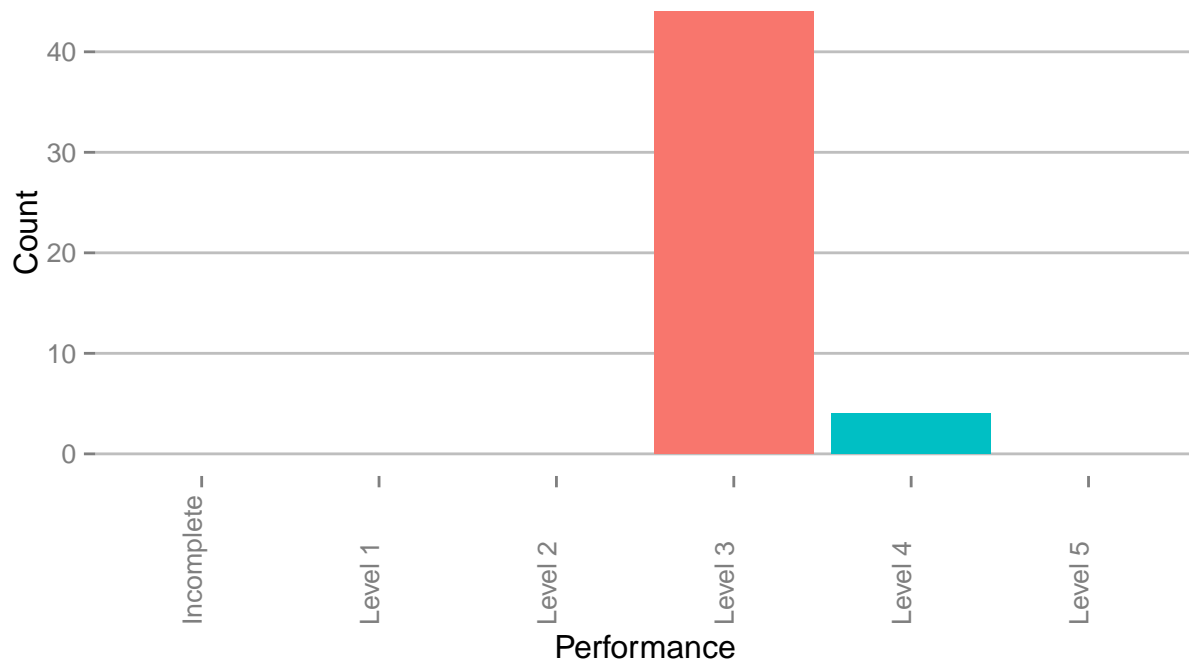


Graduate Attribute: Investigation

Student performance on this indicator was calculated by calculating the mean score from each of the Task 2a, Task 2b and Task 2c rubrics.

CIVL-4-IN-Gx+2

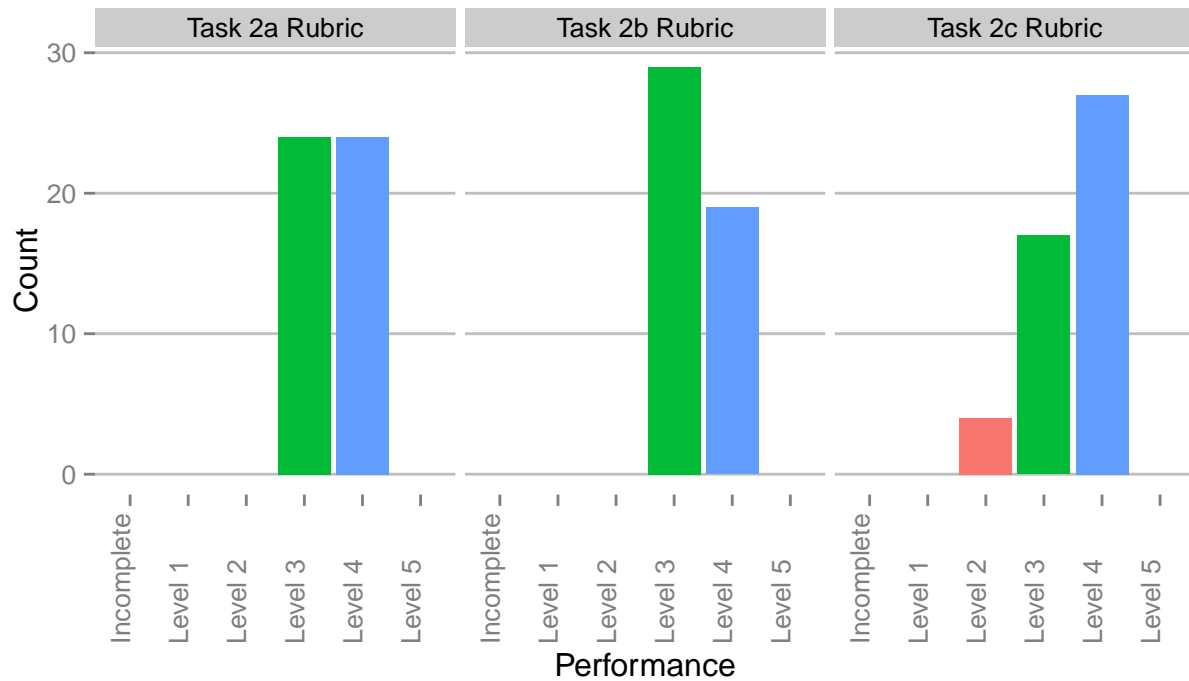
Calculate contaminant impact on receptor aquifer from waste containment facility



The development of this indicator over time would be:

CIVL-4-IN-Gx2 Over time

Calculate contaminant impact on receptor aquifer from waste containment facility



Graduate Attribute: Design

The results for this assessment could not be calculated due to 1:26 ratio for measurement with the majority of the measurement aspects having differing levels of performance.