

## **Pilot study on alumni-suggested improvements for the UBC civil engineering undergraduate program**

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This abstract is intended to be for a full paper and presentation. This paper will analyze the results of a survey that is being sent out by the UBC Civil Engineering department to its alumni on the topic of suggestions for improvement of their undergraduate program. Alumni who graduated in the last fifteen years will be emailed the request to offer feedback through open-ended questions about their experience as an undergraduate. The survey data will be used by an internal team working on accreditation of the program. However, this paper will synthesis the data collected and based on the responses received explore the possibility of conducting a larger study on more narrow research questions. The goal is to see if this first set of data suggests topics connected to EDI and any possible differences in knowledge gaps across difference groups, to explore the results through an age lens to see possible difference in knowledge gaps across different generations (and assumed seniority). It could be to explore the specific feedback based on who is a practicing engineer and who is no longer practicing as well as many other different topics, depending on the responses. This paper will include the survey questions, the analysis of the coded responses, results and discussion of future work. The presentation will share this information, as well as invite group discussion on how to move forward in the creation of a more detailed study.