

Critical Reviews of Geologic Writing  
Geology 371  
Paul Melillo  
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Paper: **Quantifying Land use and Urban Runoff Change Through Service-Learning Hydrology Project**

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This paper means a lot to me because I have been involved in this project from the start at some level. This paper is writing about the information that can be learning from community hands on learn in a hydrology perspective. It stresses the importance of community based learning and importance of practical and applicable learning practices. The study area of the paper is in Burlington Vermont's hill section where substantial off campus living has taken place thus over crowding what used to be single-family dwelling. This over crowding has servile hydrological outcomes first an increase in surface runoff due to a decrease in green space and second lowing of the quality of water discharged from the storm water sewer system.

I feel that the quality of the paper is very high and the content off the paper is very clear and concise. The paper is very well written and keeps the reader interesting in the paper and leads very nicely to the next section. The logic of interpretations is very clear to me because I have been involved in this paper from the forest, but it may not be from other that has less experience with these types of studies. The clarity of the writing was very well done, getting across to the reader the point intended and support the paper's points very nicely. The illustrations were used very supportively.

I would recommend this paper to the Journal of Nature granted the some small corrections be made with the structure of the paper. There are a few basic points that are presented in the paper that have a very thick under lying tone. These take away from the paper because the paper is no longer about teaching these hydrology project but the creation of the problem associated with the problem.

1. In the introduction I would shift the first two paragraphs. I feel that the paper would flow a lot better if you talked about the paper in it's entirety first and then following the first paragraph talked about the specific class's that this paper is talking about.
2. A number of times in this paper you have several bases that keep on coming out in the writing. I understand that it's hard to write this paper in a way that is no basis form but I feel that it does take away from the purpose of the paper. The purposes being that these hydrology projects are great learning tools.
3. You should expand more on the independent senior research part of the paper in order to stress the importance of this section. Add to the second student, myself, the storm sewer study i.e. installing a flow meter in the sewer sytem to undertstand the flow throught the sewer system.