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Interactive comment on **"Engaging the students of today and preparing the catchment hydrologists of tomorrow: student-centered approaches in hydrology education"** *by* **I. Ngambeki et al.**

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The goal of the paper is to provide hydrologists with educational information that is both current and useful for improving the teaching of hydrology.

The paper examines a wide range of approaches for teaching that are informed by research in science education and provides examples of small research activities within hydrology to illustrate how such research can be accomplished.

The first part of the paper is essentially a review of the extant literature that introduces a number of teaching approaches informed by research and uses up-to-date literature. In most cases provides an example from hydrology where such a teaching approach

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can be used.

The second part of the paper (section 4) provides examples of research that has been conducted by several of the authors as well as to show examples where such research occurs for example in engineering education. These examples are used to illustrate the viability of conducting educational research in hydrology.

Overall the paper succeeds in what it sets out to do and should be a useful introduction to hydrology research scientists who wish to examine alternative ways to teach with the likelihood of improved student understanding and grades (not necessarily the same thing).

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 707, 2012.

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