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Northeastern Section - 48th Annual Meeting (18–20 March 2013)

Paper No. 9

Presentation Time: 8:00 AM-12:00 PM

DIGITAL VIGNETTES SUPPLEMENT A NEW GEOMORPHOLOGY TEXTBOOK— INSTRUCTORS CHOOSE CASE STUDIES FROM A FREE DATABASE

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Vignettes are a series of detailed examples, case studies, quantitative derivations, and regional geomorphology examples available to students and professors from a free, on-line database (<http://serc.carleton.edu/vignettes>). A community of international geomorphologists has contributed *Vignettes* for use with the new *Key Concepts in Geomorphology* textbook—a shortened text focusing on “core concepts” (Bierman et al, this meeting). *Vignettes* allow customization of geomorphology courses when professors add on-line regional and topical case studies to a traditional printed text.

Although the *Vignettes* are being created for use with *Key Concepts in Geomorphology*, the collection stands alone and may be freely used as an open-source educational resource. *Vignettes* are peer-reviewed by academic geomorphologists at scientific meetings worldwide (EGU, GSA, AAG, AGU, special Australia session). The *Vignettes* collection is a growing resource with nearly 250 submissions.

In general, the creation of *Vignettes* is part of a new model of textbook creation (<http://www.uvm.edu/~geomorph/textbook/>), funded in part by the National Science Foundation. The new model includes writing a condensed “key-concept” textbook (outlined from community input), creating a stand-alone, free, on-line *Vignettes* collection of supplemental textbook material, creating a free geomorphology image gallery (<http://www.uvm.edu/~geomorph/gallery>), and using a “concept sketch” approach to textbook figure creation.

Session No. 11--Booth# 43

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Monday, 18 March 2013: 8:00 AM-12:00 PM

Grand Ballroom South (Omni Mount Washington Resort)

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