GE 11A: Laboratory #7  
Landforms of rivers, land slides, and ground waters

Introduction: In this lab you will examine topographic maps in your laboratory book and answer related questions regarding river erosion, and mass wasting. You will find relevant introductory material in Chapters 9, 10, and 11 of your laboratory book, all of which is self-explanatory and designed to ‘walk’ you through the laboratory problems. (The page numbers I give are based on the 12th edition of your lab book, and might differ from yours by a page or two; a copy of the 12th edition is in room 252 Arms). Please do the following exercises:

Chapter 9, page 111 (Kaaterskill, New York): Answer questions a, c, d, and e.

Chapter 9, page 116 (Lamont, Arkansas): Answer questions a, c, and e. You will need to estimate the areas of several irregular shapes on the map. A cheesy but fast way to do this is by cutting out a piece of paper of the same shape, weighing it, and comparing the result to the weight of a known area of the same kind of paper.

Chapter 10, page 125 (Lake San Cristobal, Colorado): Answer questions a, d, and e

Chapter 11, page 137: answer questions a, b, c and e.

For convenience, black and white copies of all three chapters and good color copies of the relevant figures are provided in lab and posted online.

It is possible for you to do this lab on your own (i.e., it is more of a problem set than a full lab), and you should feel free to pack up and leave whenever you wish. However, you will do it better and faster with input from your TA’s and your fellow students, so I recommend you treat this as a normal lab.