**Daily Assignment**

**read:**  
- paper of D. Chowdhury *et al.* pages 1-3  
- New Scientist article  
- copies of Gaylor & Wellin book (pages 135-137)

**due:** Tuesday, February 18, 8:30 am

Hand your answers back to me either via email (kvollmay@bucknell.edu) as textfile (not word document) or as hardcopy.

1. Write the bibliography for your main project. The goal for the papers of your main project is that each one of you will write a paper, similar to today’s hand-out, the article of D. Chowdhury *et al.*. This assignment is one part of such a paper: The bibliography (references). Find references about the background of your topic. For the example of traffic flow “background” means the answers to the following questions: Why does one study traffic flow, what are commonly asked questions, which background knowledge will you need to provide to your audience when you will talk about your project. Find also references about what of your specific project has been studied already. Which models have other people used, which quantities have they studied (i.e. how have they analyzed their simulation or experimental or theoretical data). This assignment has the purpose that you will have on Tuesday all sources in hand which you will need to work on your main project. Web-sources alone are not sufficient, journal articles and books are required.

2. You will present in class what the topic of your main project will be, which sources you have found, and what you learned so far from these sources. Start reading the sources you found, they will help you to get a more complete list of references for 1. (I do not need a written answer to this question 2.)

3. Our next topic of the course is “Traffic Flow.” Look for sources about Traffic Flow (books, articles, web, …). Write a keyword summary of what you found as answer to this question. You will present your findings in class.

4. What of this assignment and the last class did you find most interesting and/or most difficult?