Scientific writing and graphics  
Autumn 2013  
ESS/ATMS 519, Ocean 518

Instructors:  
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Website: http://courses.washington.edu/glac595  
/ARCHIVES/FALL_2009_SCIENTIFIC_WRITING/readings_fall_2009.shtml

Suggested schedule:

September 25  Basic writing skills  
Gopen & Swan (1990); Orwell (1946); McPhee (2013)

October 2  (1) What’s wrong with how scientists write  
Maddox (1986, 1990); Gregory (1992); Avery (1996); Leather (1996); Camba (2000); Knight (2003).  
(2) Strunk & White (1959): The Elements of Style

October 9  (1) How the mind reads. McIntyre (1997)  
(2) Booth (1993): Communicating in Science

October 16  Student critiques of each others’ AGU abstracts

October 23  Principles of scientific writing  
Alley, Chapters 1-3

October 30  Principles of scientific writing  
Alley, Chapters 4-9

November 6  Graphs. Cleveland, Chapters 1-2

November 13  Graphs. Cleveland, Chapter 3 (as much as you can)

November 20  Student critiques of each others’ powerpoint slides

November 27  Authorship and acknowledgement, and other ethical matters  
Several letters and editorials from Nature

December 4  Writing proposals for research funding. Chapin (2004)
**Books:**

**General writing**

**Scientific writing**

**Graphs**

**Proposals**

**Grammar and usage**
Articles:

for Week 1, September 25


for Week 2, October 1


for Week 3, October 8


for students whose first language is not English:

Writing


Reviewing


Proposal writing


Job search


Living