

**Ice Age Floods and the Landscape They Created**  
**HILR Study Group for Spring, 2021**  
**Stephen Senturia, Study Group Leader**

**Assignment for Session 3**

**Class Topics:**

- > The Channeled Scablands of Eastern Washington
  - The evidence Bretz found on the ground
  - Dry coulees and cataraacts
  - Erratics
  - Erosion of topsoil to a uniform elevation
  - Gravel bars well above river level
- > The controversy over mechanism
  - Uniformitarianism vs. catastrophism
  - Problems with each “ism”

**Textbook:**

- > Read in Allen, Burns and Burns: *Cataclysms on the Columbia*,  
1) Chapters 5 – 9, pp. 36-65.

**Documents Posted on the Course Website:**

- > No posted documents this week.

**Internet:**

You have two internet assignments this week:

- > The web article on Uniformitarianism and Catastrophism  
[http://evolution.berkeley.edu/evolibrary/article/history\\_12](http://evolution.berkeley.edu/evolibrary/article/history_12)
- > The short YouTube video discussing Uniformitarianism vs. Catastrophism  
<http://www.youtube.com/watch?v=a7mt3CIK7dM>