

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

Assignment for Session 1

Class Topics:

- > Introductions
- > Overview of the Study Group
- > Ice Ages and Glaciers 001
- > The Basic Geography of the American West
- > Erosion and Abrasion by Flowing Water
- > Fossil Falls

Textbook:

- > No reading assignment in the textbook this week.

Documents Posted on the Course Website:

- > **Press, Chapter 14 Excerpt**, from the start on p. 303 up to the section on p. 306 entitled “Bed Forms.” Study Figure 14.3 carefully. We will discuss it in class in detail.
- > **Press, Chapter 14 Excerpt**, the section entitled “How Running Water Erodes Solid Rock,” starting on page 307 and concluding on page 308. Be sure to examine Figure 14.6.
- > **Fossil Falls**

Internet:

You have **one internet assignment** this week.

- > **A Brief Google Maps Exercise**

Using the search function on Google Maps, locate Fossil Falls, California. Then Zoom out far enough to identify Mt. Whitney, the highest point in the continental US, and Death Valley, the lowest point in the US. Fossil Falls was formed by water flowing in the Glacial Owens River into a series of lakes, and, ultimately, into Death Valley.