



Week 5

Monday and Tuesday:

Carmichael Metamorphic Project – For two days we take a deeper dive in geologic time by doing a Precambrian metamorphic mapping and geologic analysis project across the road from the IUGFS. We map Precambrian metamorphic rock types and fabrics. Use mineral assemblages to determine metamorphic grades and P-T conditions in which they formed. Identify cross-cutting relationships, potential protoliths, and metamorphic events. We finish this project by interpreting the geologic history in the context of the Precambrian tectonics of western North America.

