

2013 Field School Pre-Test Survey
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1. There are four anadromous salmonids species native to California. Name as many as you can.
2. What are some of the non-salmonid native fishes affected by migration barriers in coastal California watersheds?
3. Name four features at road-stream crossings that create migration barriers.
4. Where can you access comprehensive data sets of fish passage barriers in California?
5. What are the potential causes of a perched road-stream crossing (i.e. drop at the culvert outlet)?.
6. What is the preferred design approach for fish passage through new and replacement culverts in California?
7. List the types of profile (grade) control that can be used in fish passage projects.
8. What types of hydraulic criteria are applied to the fish passage hydraulic design approach?
9. What are the two primary regimes of flow over weirs and baffles?
10. How is turbulence quantified in baffled culverts and fishways?
11. List five steps one should implement to effectively use photographs as a monitoring tool.