1. How are deflection walls used in the San Gabriel Mountains?
2. How are debris basins and crib structures utilized to reduce debris flow damage?
3. What is chaparral, and what role does it play in the generation of debris flows in southern California?
4. The Santa Ana winds are famous in LA. How do these winds contribute to debris flows?
5. Dry ravel can be heard in the hills above L.A. What role does this play in the generation of debris flows?
6. Hydrophobic layers are common in soils in the San Gabriels. How are these formed and what role do they play in the destabilization of hill slopes?
7. Plate tectonics is responsible for much of the relief of the San Gabriels. How has the geometry of the San Andreas affected uplift rates in the area?
8. How has the policy adopted by LA in their battle against the San Gabriels affected the health of nearby beaches?