

**Best Practices to Keep Pesticides out of Water.** Samuel S. Sandoval, Professor and Cooperative Extension Specialist in Water Resources, UC Davis and UC Agriculture and Natural Resources, 1 Shields Ave. Dept. LAWR, Bldg. PES 1111, Davis, CA, 95616  
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What is Hydrology? How can we keep pesticides out of water? This presentation describes basic concepts of hydrology, from main climatic drivers such as Atmospheric Rivers, to how water moves in the landscape, as well as surface water and groundwater interactions. This presentation provides best management practices on how to keep any contaminant (including pesticides) out of our water, such as storing, loading and manipulating any pesticide over an impermeable layer and 100 feet away from any stream or well. The objective of this presentation is to make available the fundamental knowledge regarding Hydrology and how to keep our water free of contaminants.