

Dr. Graham Fogg is a Professor of Hydrogeology in the Department of Land and Water Resources and Department of Earth and Planetary Sciences at UC Davis. Recently, Fogg and his colleagues have been performing advanced analyses of groundwater basins and mapping sites where top soil and the hydrogeology beneath make them particularly valuable for groundwater recharge. Of special interest is his recent work with Stanford University Professor Rosemary Knight using electromagnetic technologies to view the complete hydrogeology of a potential recharge site, top to bottom. This could have widespread application in helping water districts, floodwater management agencies, cities and counties, and Sustainable Groundwater Management Agencies identify "super recharge areas" and quantify their potential for use as groundwater recharge projects.

Dr. Fogg and colleagues recently published recommendations of key steps for increasing recharge and water storage in groundwater: Recharge Roundtable Call to Action: Key Steps for Replenishing California's Groundwater.

Fogg received his PhD in Geology from the University of Texas at Austin, MS in Hydrology and Water Resources from University of Arizona and BS in Hydrology from University of New Hampshire and has more than 30 years' experience researching and teaching about subsurface water flows, water resource sustainability, and pollutant transport processes.