

Groundwater & Watersheds SHORTCOURSE 2012

Approximate Schedule / Subject to In-Course Adjustment

TIME	TOPIC	TEACHER
TUESDAY		
8:15 - 9:00	Understanding Groundwater	Thomas Harter
9:10 - 10:00	Well Drilling, Wells, and Groundwater Tools	Thomas Harter
10:10 - 11:00	Understanding Watersheds	Samuel Sandoval Solis
11:10 - 12:00	Watersheds and Groundwater-Surface Water Interaction	Samuel Sandoval Solis
12:00 - 1:00	-----Lunch-----	
1:00 - 1:50	Water Rights	Guest: Virginia Cahill
2:00 - 2:50	Climate Change: Impacts on Watersheds and Groundwater	Samuel Sandoval Solis
3:00 - 3:50	Managing Streamflow: Reservoir Reoperation	Samuel Sandoval Solis
4:00 - 4:50	California's Web-based Water Data Portal and Data Sources	Guest: Mary Scruggs, DWR
WEDNESDAY		
8:15 - 9:00	Surface Water Quality and Contaminants in California	Randy Dahlgren
9:10 - 10:00	Groundwater Quality & Contamination: Transport Processes, Monitoring & Sampling	Thomas Harter
10:10 - 11:00	Water Quality: Understanding the Drivers in the Regulatory Framework	Thomas Harter
11:10 - 12:00	Water Quality Monitoring: Design, Methods, QA/QC	Randy Dahlgren
12:00 - 1:00	-----Lunch-----	
1:00 - 1:50	Water Quality Data: Geotracker	Erik Ekdahl
2:00 - 2:50	Designing and Implementing BMPs to Protect Surface Water Quality	Randy Dahlgren
3:00 - 3:50	BMP Case Studies	Randy Dahlgren
4:00 - 4:50	Discussion	All