

Public Customized Training Course on ‘Well Hydraulics - Theory and Interpretation’

(Venue : Mirinae room)		
Date/Time	Program Description	Remarks
4.8 (Thu)	Registration and orientation	IS-Geo
09:50-10:00		
4.8 (Thu)	The Pumping Test for Aquifer Evaluation	
10:00-11:00	The pumping test: Theory and analysis overview	Dr. James Butler
11:10-12:10	The pumping test: Some key conceptual considerations	
12:10-13:10	Lunch	
13:10-14:20	The pumping test: Some key practical considerations	
14:30-15:20	The pumping test: The power of diagnostic plots and derivative methods	
15:30-16:20	The pumping test: Recovery methods	
16:30-17:40	The pumping test: Field examples and Aqtesolv demonstration	Dr. James Butler/ Dr. Yongcheol Kim
4.9 (Wed)	Beyond the Pumping Test: Slug Tests, High-Resolution Characterization, and Hydrograph Interpretation	
10:00-11:30	The slug test: Theory and analysis overview	Dr. James Butler
11:40-12:10	The slug test: Field examples	Dr. James Butler/ Dr. Yongcheol Kim
12:10-13:10	Lunch	Dr. James Butler
13:10-14:30	High-resolution characterization: Direct-push profiling	
14:40-15:20	High-resolution characterization: Additional methods	
15:30-16:30	Interpretation of well hydrographs: Exploiting variations in atmospheric pressure	
16:40-17:40	Interpretation of well hydrographs: Application of pumping-test methods	
4.10 (Thu)	Field Application issues and Practical Exercise on Aqtesolv	
10:00-11:00	Field Application practices and issues (I)	Dr.Jin-Yong Kim
11:10-12:10	Field Application practices and issues (II)	
12:10-13:10	Lunch	
13:10-14:10	Field Application practices and issues (II)	Dr.Jin-Yong Kim
14:20-15:20	Practical exercises on Aqtesolv(I)	Dr.Yongcheol Kim
15:30-16:30	Practical exercises on Aqtesolv(II)	
16:40-17:40	Practical exercises on Aqtesolv(II)	

※ The working language is English