

## Public Customized Training Course on 'Urban Geology'

(Venue : Mirinae room)

Date/Time	Program Description	Remarks
<b>8.17 (Mon)</b>	<b>Registration and orientation</b>	<b>IS-Geo</b>
09:50-10:00		
<b>8.17 (Mon)</b>	<b>Introduction and drivers for urban geological investigation</b>	
10:00-11:00	Introduction to course aims and outcomes	
11:10-12:10	Overview of urban geology, the significance of humans and the historic drivers	
<i>12:10-13:30</i>	<i>Lunch</i>	
13:30-14:30	Quaternary/Anthropogenic processes and products	
14:40-15:40	Planning for future land use and climate change	
15:50-16:50	Practical 1: Drivers for urban geology in South Korea	
17:00-18:00	Practical 2: Design an urban geology investigation	
<b>8.18 (Tue)</b>	<b>Characterising urban geology and the shallow zone of human interaction</b>	
10:00-11:00	Characterising the shallow zone of human interaction	
11:10-12:10	Land use change and brownfield development	
<i>12:10-13:30</i>	<i>Lunch</i>	
13:30-14:30	Engineering and geotechnical considerations	
14:40-15:40	Coastal engineering	
15:50-16:50	Conceptual ground models and their applications	
17:00-18:00	Practical: Using site investigation data to build a ground model	
<b>8.19 (Wed)</b>	<b>Water in the urban environment</b>	
10:00-11:00	Introduction to urban groundwater	
11:10-12:10	Groundwater quality	
<i>12:10-13:30</i>	<i>Lunch</i>	
13:30-14:30	Investigation approaches	
14:40-15:40	Modelling	
15:50-16:50	Contamination and approaches to remediation	
17:00-18:00	Practical: Application of hydrogeological domains	
<b>8.20 (Thu)</b>	<b>Environmental geology and delivery of urban geoscience for decision making</b>	
10:00-11:00	Applied geological mapping	
11:10-12:10	Introduction to urban geoscience delivery	
<i>12:10-13:30</i>	<i>Lunch</i>	
13:30-14:30	Practical: Stakeholder engagement focused on Daejeon	
14:40-15:40	Management of data for urban geology	
15:50-16:50	Urban resources, geo-conservation, ecosystem services, vulnerability and resilience	
17:00-18:00	Preparation for field excursion	
<b>8.21 (Fri)</b>	<b>Urban Geology Field Excursion</b>	
10:00-11:00	Meet and travel to field site 1	
11:10-12:10	Fieldwork at field site 1	
<i>12:10-13:30</i>	<i>Lunch</i>	
13:30-14:30	Travel to field site 2	
14:40-15:40	Fieldwork at field site 2	
15:50-16:50	Fieldwork at field site 3	
17:00-18:00	Return to KIGAM offices	

※ The working language is English.