

## Oversea Careers

### 1) World experience

Year	Client	Project
2011	Taiwan (All-star)	Horizontal displacement of Underground
	Australia (GSA)	Inclinometer Casing
	Panama (Geosol)	Goodman Jack
	Spain (Ingauss)	Rock instrumentation
2012	Turkey (HT Trading)	Dam construction
	Bosnia and Herzegovina (Senhay)	Tunnel and geological displacement
	Singapore (Lian Ho)	Instrumentation for Pile test
	Vietnam (Geovietnam JSC)	Soil stabilization project
	Switzerland (SFA)	Inclinometer Casing
	Turkey (Geogrup)	In-site testing equipment (Goodman Jack)
	India (Soiltech)	In-site testing equipment (PMT-D1)
	Singapore (Ryobi-kiso)	Instrumentation for concrete laying work
	Australia (GSA)	Inclinometer Casing
2013	Myanmar (AIT)	Rod construction
	France (Cementys)	VW Inclinometer and etc
	Chile (Geosinergia)	VW Borehole Rod Extensometer and etc

## The first value in Geotechnical & Mining Instrumentation

<b>Year</b>	<b>Client</b>	<b>Project</b>
	Australia (GSA)	Inclinometer Casing
	USA (Kansas University)	University research
	Switzerland (Stump Foratec AG)	Inclinometer casings
	Portugal (Tecnilab)	VW Borehole rock stressmeter and etc
	UAE (Albayan)	MEMS Inclinometer and etc
	Taiwan (Quan Hao)	VW Earth pressure cell and etc
	Turkey (Armatest)	Thermistor probe and etc
2014	Azerbaijan (AT-Geotech)	Inclinometer casings
	Sweden (BAT Geosystems)	Inclinometer casings
	Chhile (Geosinergia)	VW borehole rod extensometer and etc
	Greece (Geostand)	Inclinometer casings
	Australia (GSA)	Inclinometer Casing
	Swizerland (Stump Foratec AG)	Inclinometer casings
	UAE (AL BAYAN)	Crackmeter and etc
	Spain (INGE)	FSG Load cells
	Singapore (APS)	VW Embedment strain gages
	India (Aimil)	VW Borehole rod extensometer and etc

## The first value in Geotechnical & Mining Instrumentation

<b>Year</b>	<b>Client</b>	<b>Project</b>
2015	Portugal (Tecnilab)	VW Weldable strain gage for pile testing
	Mexico (MOTA-ENGIL)	VW spot weldable strain gage and etc
	Vietnam (GEFO)	Piled wall instrumentation
	Vietnam (Indochina Geotechnics)	Inclinometer casings for measure settlement
	Vietnam (VGE)	Song Hau 1 power thermal plant
	Vietnam (VGE)	Ca Mau gas Processing plant
	Switzerland (Terradata)	Inclinometer Casing
	Singapore (Rock & Lab)	Changi airport instrumentation
	China (BJTT)	Chongqing runyin science project
	Turkey (HT trading)	Tunnel and Dam construction
2016	Iran (Noavaran Seraj)	Azad Dam construction
	Iran (Noavaran Seraj)	Hirvi Dam construction
	Iran (Noavaran Seraj)	Konjancham Dam constuction
	Iran (Noavaran Seraj)	Taleghan Dam constuction
	Iran (Noavaran Seraj)	Kouhrang 3 coffer dam construction
	Iran (Noavaran Seraj)	Tehran Metro Line 1
	Indonesia (S3 Geoteck)	Reclamation sea project

## The first value in Geotechnical & Mining Instrumentation

<b>Year</b>	<b>Client</b>	<b>Project</b>
	Turkey (Geodestek)	Instrumentation project
	Indonesia (Geodelta)	Gongseng dam construction
	Turkey (Echozemin)	FSG load cell in subway
	GSA (Australia)	Tilt meter with readout for Indonesia project
	Spain (SOLDATA)	Tunnel B-40 project in Barcelona
	Argentina (Cartellone)	Portable rock bolt pull tester in Bolivia project
2017	Iran (Noavaran Seraj)	Mashhad Metro project
	Iran (Noavaran Seraj)	Sarcheshmeh Cooper Mine
	Indonesia (PT. Geo Delta)	Tukul Dam project
	Indonesia (PT. Geo Delta)	Jakarta International Container Terminal Project
	Singapore (Hyundai Engineering and Construction)	Tuas Finger One Project
	Spain (SOLDATA)	Tunnel B-40 project in Barcelona 2017
	Singapore (Ryobi-G)	Changi airport project
	Turkey (HT trading)	Aydın Cine Dam Project
	Iran (Noavaran Seraj)	Kani Sib project

## 2) Local experience

Year	Project	Client	Construction company
2010	Construction Ulsan additional reserve base	Byucksan Engineering Co., Ltd	
	Instrumentation maintenance in Dokdo	Expert group for earth and environment Co., Ltd	Korea institute of geoscience and mineral resources
	Gangnam circular urban highway (4site)	Genesis cooperation Co., Ltd	Limkwang Engineering & Construction Co., Ltd
	Gwangam tunnel, Osijae tunnel	Sungwon C&I Co., Ltd	
	Underground shopping mall in Gwanju asian culture complex	Daeyou E&C Co., Ltd	Daelim Co., Ltd
	Environmental improvement work in Jeongseon casino	Sambo ground technology Co., Ltd	Daewoo construction Co., Ltd
	Echo metro residential complex(1) in Incheon Nonhyeon	Sambo ground technology Co., Ltd	Hanwha engineering & construction corp
	New building construction of MBC in Sangam-dong	Sambo ground technology Co., Ltd	Daewoo construction Co., Ltd
	Road construction Paengseong-Osung	Sambo ground technology Co., Ltd	SK engineering & construction corp
2011	Construction of Seoul forest IT valley	Dasan Engineering Co., Ltd	Samsung engineering & construction corp
	Road construction Siheung-Pyeongtaek	Sambo ground technology Co., Ltd	Dongbu engineering & construction corp
	Large-scale agricultural development corporation in Hwaong(1site)	Sambo ground technology Co., Ltd	Daeruck engineering & construction corp
	Improve housing culture in Doryeom-dong	Top foundation eng. Co., Ltd	Ssangyong engineering & construction corp

<b>Year</b>	<b>Project</b>	<b>Client</b>	<b>Construction company</b>
	Slurry wall Gwangju Asian culture complex	Daeyou E&C Co., Ltd	Daelim Co., Ltd
	Gangnam circular highway	Baytech Korea Co., Ltd	
	Songdo	Sambo ground technology Co., Ltd	Posco site
	Gwangam tunnel	Tescom engineering Co., Ltd	
	Rock borehole pressuremeter tester	Korea maritime and ocean univercity	
2012	Incheon subway line no. 2	Bukye technology Co.,Ltd	
	KTX tunnel	Genesiseng Co., Ltd	Limkwang Engineering & Construction Co., Ltd
	Soil pressure, water pressure	Dongseo university	
	Building construction in Seongsu-dong Seongwonedpia	Top engineering Co., Ltd	World construction Co., Ltd
	Damyang dam	Soiltech Co., Ltd	
	Ssangyong basic materials factory in Gunsan	Ssangyong slag & material Co., Ltd	Ssangyong slag & material Co., Ltd
	Piezometer	Tech house Co., Ltd, Labzone Co., Ltd	Korea Atomic Engery Reserch Institute
	Construction of Gwanghwamun D tower	Hosung E&C Co., Ltd	Daelim Co., Ltd
	Mongolia site with piezometer	Pumyang E&C Co., Ltd	
	Automated instrumentation in Incheon airport	Hanla construction Co., Ltd	Korea airports Corportaion
2013	Chuncheon	Hosung I&C Co., Ltd	Daelim Co., Ltd

<b>Year</b>	<b>Project</b>	<b>Client</b>	<b>Construction company</b>
	Lotte construction site in Incheon Songdo	BT ENC Co., Ltd	Lotte engineering & construction Co., Ltd
	Busan	Sambo ground technology Co., Ltd	
	Asisan culture complex in Gwangju	Daeyou tech Co., Ltd	Daelim Co., Ltd
	VW weir monitoring system in Yongju dam	Zion system Co., Ltd	Samsung construction Co., Ltd
	Pile test in Phochun compressive stress	Prime E&C Co., Ltd	Korea university
	Tunnel measurement on subway line no. 9	Dongwoo Tec Co., Ltd	Samsung construction Co., Ltd
	Beam automation of subway in Sunleung station	Naum TSI Co., Ltd	
	FSG piezometer	Tech House Co., Ltd	Korea Atomic Energy Research institue
2014	VW crackmeter	Dong-A geovan Co., Ltd	
	Tunnel work on subway line no. 9	Dongwoo tec Co., Ltd	Samsung construction Co., Ltd
	Kolong site in Incheon Song-do	Sambo ground tech Co., Ltd	Kolong construction Co., Ltd
	Automation system of leakage measurement in Yeongju dam.	Zion System Co., Ltd	Samsung construction Co., Ltd
	Tunnel site in Indonesia	KNC consultant Co., Ltd	Hyundai construction Co., Ltd
	Settlement measurement system in Chungbuk mining	Hanseο engineering Co., Ltd	
	Repair instrument in Incheon airport 2A-6 Gongdong-gu		Hanla engineering & construction., Ltd
	Pipe stress test in Yongin		Posco engineering & construction., Ltd
	Stress test of Posco site in front of Daegu station		Posco engineering & construction., Ltd

<b>Year</b>	<b>Project</b>	<b>Client</b>	<b>Construction company</b>
	Stress test in Songdo-site	Das structure engineering Co., Ltd	
2015	Digital tape extensometer	Kumhwa engineering Co., Ltd	
	Crackmeter, earth press cell	Dong-A geovan Co., Ltd	
	Weir monitoring system in YeongJu dam	Zion System Co., Ltd	Samsung construction Co., Ltd
	Digital tape extensometer	Shinwootec Co., Ltd	
	4D jointmeter	Woori-eng Co., Ltd	
	Digital vertical inclinometer system set	ilsin engineering Co., Ltd	
	Settlement gage	Chenghan geotech Co., Ltd	
	Tunnel measurement of metro line 7	Hantec Co., Ltd	
	Automatic measurement of crack of retaining wall and slope	Kangsan construction Co., Ltd	Kangsan construction Co., Ltd
	Tunnel measurement of metro line 9	Hantec Co., Ltd	
2016	Tunnel measurement in Metro line 9	Naum TSI Co., Ltd	
	Beam sensor, FSG crackmeter	Bytech Korea Co., Ltd.	
	Digital vertical inclinometer system set	Ilshin engineering Co., Ltd	
	Site Kangnam 4(site)	Genesis engineering Co., Ltd	Lotte engineering & construction Co., Ltd
	Extensometer in Indonesia site	K&C consultant Co., Ltd	Hyundai construction Co., Ltd

<b>Year</b>	<b>Project</b>	<b>Client</b>	<b>Construction company</b>
	Instrumentation in Dokdo island	Korea institute of geoscience and mineral resources	
	Tunnel measurement of metro line 9 in Sunleung station	Hantec Co., Ltd	
	Tunnel measurement of metro line 9 in Naebang station	Hantec Co., Ltd	Lotte engineering & construction Co., Ltd
	Automation of settlement measurement in Sancheok reservoir	Hantec Co., Ltd	Gyeonggi Urban Innovation Corpotaion
	FSG earth press cell	National Institute of Forest science	
2017	Tunnel measurement on subway line no. 4 (Beam automation )	Naum TSI Co., Ltd	
	Automation system of borehole pressuremeter	Hantec Co., Ltd	SK engineering & construction corp
	Automation system of Jangsung Tunnel	Sambo ground tech Co., Ltd	
	Automation system of Cungju Tunnel	Sambo ground tech Co., Ltd	
	VW Embedment strain gage	Dong-A geovan Co., Ltd	
	Singapore airport (Piezometer)	Dong-A geovan Co., Ltd	
	In-place-Inclinometer of Il-san Y city	Sejong-Geotech Co., Ltd	
	Gangnam Highway (In-place-Inclinometer)	Genesis engineering Co., Ltd	Lotte engineering & construction Co., Ltd

<b>Year</b>	<b>Project</b>	<b>Client</b>	<b>Construction company</b>
	Indonesia construction site	K&C consultant Co., Ltd	Hyundai construction Co., Ltd
	Data logger system	National Institute of Forest science	
	MEMS rail track monitoring system (Yongsan station)	Hantec Co., Ltd	
	Uijeongbu Eulji Hospital construction site(VW Load cell)	JL Fundamental Engineering	
	VW Embedment strain gage	Gacheon University	
	VW strand strainmeter	Korea University	
	Basement Packing lot automatic system (VW load cell)	Seoul national university hospital	
	Seoul national university hospital (In-place-inclinometer, piezometer)	JL Fundamental Engineering	