

CURRICULUM VITAE (CV)

Personal Details

Name : Un Chol Han
Date of Birth: July 2, 1982
Nationality: Democratic People's Republic of Korea
Address: School of Science and Engineering,
Kim Chaek University of Technology
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Education:

Duration		University	Graduation	Qualification/Degree
From	To			
Sep.2013	Jun.2016	Postgraduate Student of Kim Chaek University Technology	Graduated	Ph.D. in Geotechnical Engineering /Mar.30.2016
Apr.2005	Nov.2008	Postgraduate Student of Kim Chaek University Technology	Graduated	M.Sc. in Geotechnical Engineering/Nov.30.2008
Apr. 1999	Mar.2005	Mining Engineering Department of Kim Chaek University of Technology	Graduated	B.Sc. in Civil Engineering/Mar.25,2005

Employment History

Duration		Employment
From	To	
Dec.2008	Jul.2016	Senior Lecturer, Department of Mining Engineering, Kim Chaek University Technology, DPRK
Aug.2016	Present	Researcher, School of Science and Engineering, Kim Chaek University Technology, DPR Korea
Sep.2019		Associate Professor, DPR Korea

Membership of Professional Societies:

No	term	Organization	Status
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1	2018- Present	International Society for Rock Mechanics (ISRM)	Member
2	2016- Present	Science Consultation Association in Mining, National Science and Technology Commission	Member
3	2009-Present	Association of Consultation in Mining Design, National Degree Consultation Committee	Member

Research Interests:

- Responsible Mining
- Geomechanics and Rock Mechanics and Stability of Underground and Surface Excavation
- Computerized Mine Design and Related Applications(Digital Mine Design)
- Underground Excavation(Tunneling) and Construction

Scientific Publications:

(a) Refereed articles in scientific journals

1. Hong, K.U., **Han, E.C.**, Kang, K.S., 2017. Determination of geological strength index of jointed rock mass based on image processing. Journal of Rock Mechanics and Geotechnical Engineering 9, 702-708.
2. Kang, K.S., Hu, N.L., Sin, C.S., Rim, S.H., **Han, E.C.**, Kim, C.N., 2017. Determination of the mechanical parameters of rock mass based on a GSI system and displacement back analysis Journal of Geophysics and Engineering 14, 939-948.

(b) Refereed Conference Papers

1. Han U.C., Hong K.U. Intelligent Back Analysis of Geotechnical Parameters for Time-Dependent Rock Mass Surrounding Tunnel using Grey Verhulst Model. KUT International Conference for the 70th foundation anniversary (KUTIC70), Sep. 18-25, 2018, Pyongyang, DPR of Korea.
2. Han, U.C., Kang, I.Y., Hong, K.U., 2019. Prediction of Tunnel Closure in Time-Dependent Rock Mass using Grey Verhulst Model, Proceedings of the 14th International Congress on Rock Mechanics and Rock Engineering (ISRM 2019) Volume 6, 870-877.

