

DR. MEHMET V. SARI

Assoc. Prof., Mining Engineering Dept., King Abdulaziz University

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or

mehmetsari68@yahoo.com**Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Mining Engineering	Middle East Technical Univ., Turkey	2002
MS	Mining Engineering	The University of Arizona, USA	1997
BS	Mining Engineering	Middle East Technical Univ., Turkey	1993

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1996	1997	The University of Arizona	Res. Assist.		Full
1998	2002	Middle East Technical Univ.	Res. Assist.		Full
2004	2010	Aksaray Univ.	Assist. Prof.		Full
2011	2012	Aksaray Univ.	Assoc. Prof.		Full
2012	-	King Abdulaziz Univ.	Assoc. Prof.		Full

Non Academic Industrial Experience(including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2011	2012	EU Funded ISGIP Project	LTE	OHS Expert at Mining	Full

Funded Research Projects and Patents from the Past Five Years

NONE

Certifications and Professional Registrations

NONE

Current Membership in Professional Societies and Organizations

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Turkish National Rock Mechanics Society	Member	2008
2.	International Society for Rock Mechanics	Member	2008
3.	International Association for Mathematical Geosciences	Member	2010

Honours and Awards

NONE

Institutional and Professional Services (administration, committees, units, etc.)

- Executive Committee Member of the Institute of Natural and Applied Sciences, Aksaray Univ., 2009-2012
- Director of the Sereflikochisar Applied Technology and Business College, Aksaray Univ., 2011-2012
- Chair of Department of Mining Engineering, Aksaray Univ., 2008-2012
- Mining Program coordinator at College of Engineering E-Day committee, 2013-2014
- Academic advisor for more than 20 students, over 2 years, Mining Eng. Dept., KAU

Principal Publications/Presentations from the Past Five Years

1. **M. Sari**, E Ghasemi, M Ataei, (2014). Stochastic modeling approach for the evaluation of back break due to blasting operations in open pit mines, Rock Mechanics and Rock Engineering, 47:771-783.
2. **M. Sari**, (2013). Reply to Discussion by R. Bertuzzi on "An improved method of fitting experimental data to the Hoek-Brown failure criterion" by Sari, M., Engineering Geology (2012), 127:27-35, Engineering Geology, 152:215-216.
3. **M. Sari**, (2012). Stochastic estimation of the Hoek-Brown strength parameters using spread sheet models. In: EUROCK 2012, ISRM International Symposium, 28-30 May 2012, Stockholm.
4. E. Ghasemi, **M. Sari**, M. Ataei, (2012). Development of an empirical model for predicting the effects of controllable blasting parameters on flyrock distance in surface mines, Int. J. of Rock Mechanics & Mining Sciences, 52:163-170.

5. **M. Sari**, (2012). An improved method of fitting experimental data to the Hoek-Brown failure criterion, *Engineering Geology*, 127:27-35.
6. **M. Sari**, (2011). Determination of effective parameters on rock mass strength and deformation using Monte Carlo method. In: ROCKMEC'2011, 10th Regional Rock Mechanics Symposium, 8-9 December, pp. 97-104, METU, Ankara (in Turkish).
7. **M. Sari**, (2010). A simple approximation to estimate the Hoek-Brown parameter 'mi' for intact rocks. In: EUROCK 2010, Rock Mechanics in Civil and Environmental Engineering, Zhao, Labiouse, Dudt & Mathier (eds), pp. 169-172, Taylor & Francis Group, London.
8. **M. Sari**, C. Karpuz, C. Ayday, (2010). Estimating rock mass properties using Monte Carlo simulation: Ankara andesites, *Computers & Geosciences*, 36:959-969.
9. **M. Sari**, (2009). The stochastic assessment of strength and deformability characteristics for a pyroclastic rock mass, *Int. J. of Rock Mechanics & Mining Sciences*, 46:613-626.
10. **M. Sari**, A.S. Selcuk, C. Karpuz, H.S.B. Duzgun, (2009). Stochastic modeling of accident risks associated with an underground coal mine in Turkey. *Safety Science*, 47 (2):78-87.

Recent Professional Development Activities (*Workshops, training, etc.*)

1. Rock Mechanics for Deep Underground Excavations in Hard Rock, Workshop, Eurock 2012 Stockholm, May 27, 2012.
2. Academic advisor for students in Mining Engineering Department.
3. Participant member in Engineering Day along 2 years.