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### Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAQ-4066-2020

ScopusID: 6603776805

Yoksis Araştırmacı ID: 5966

### Yönetilen Tezler

YÜCEMEN M. S., Reliability of transportation lifeline systems subjected to earthquake loads, Yüksek Lisans, N.TOPKARA(Öğrenci), 2016

YÜCEMEN M. S., Estimation of potential earthquake losses for the evaluation of earthquake insurance risks, Doktora, H.KARACA(Öğrenci), 2014

YÜCEMEN M. S., Multistage seismic assessment methods for existing reinforced concrete buildings and their applicability for retrofitting cost estimation, Yüksek Lisans, O.DOĞAN(Öğrenci), 2013

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YÜCEMEN M. S., Stochastic modeling of earthquake occurrences and estimation of seismic hazard: random field approach, Doktora, A.Akkaya(Öğrenci), 1995

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### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

#### I. Multicriteria Decision Making in Site Selection for Nuclear Power Plants

Tuncer B., AKKAYA A., YÜCEMEN M. S.

Nuclear Technology, 2024 (SCI-Expanded)

#### II. Evolution of seismic hazard maps in Turkey

AKKAR D. S., EROĞLU AZAK T., Can T., Ceken U., Tumsa M. B. D., Duman T. Y., ERDİK M. Ö., ERGİNTAV S., Kadirioglu F. T., Kalafat D., et al.

Bulletin of Earthquake Engineering, cilt.16, sa.8, ss.3197-3228, 2018 (SCI-Expanded)

- III. **Sensitivity of seismic hazard results to alternative seismic source and magnitude-recurrence models: a case study for Jordan**  
Yilmaz N., YÜCEMEN M. S.  
GEODINAMICA ACTA, cilt.27, ss.189-202, 2015 (SCI-Expanded)
- IV. **Comparison of loads in Turkish earthquake code with those computed statistically**  
Firat F. K., YÜCEMEN M. S.  
EARTHQUAKES AND STRUCTURES, cilt.8, sa.5, ss.977-994, 2015 (SCI-Expanded)
- V. **Determination of Reliability Based New Load and Resistance Factors for Reinforced Concrete Structural Members**  
Firat F. K., YÜCEMEN M. S.  
TEKNIK DERGI, cilt.25, sa.3, ss.6805-6829, 2014 (SCI-Expanded)
- VI. **Robust estimation of magnitude-frequency relationship parameters**  
YÜCEMEN M. S., AKKAYA A.  
STRUCTURAL SAFETY, cilt.38, ss.32-39, 2012 (SCI-Expanded)
- VII. **An integrated earthquake vulnerability assessment framework for urban areas**  
Duzgun H. S. B., YÜCEMEN M. S., KALAYCIOĞLU H. S., ÇELİK K., Kemec S., Ertugay K., Deniz A.  
NATURAL HAZARDS, cilt.59, sa.2, ss.917-947, 2011 (SCI-Expanded)
- VIII. **Spatial sensitivity of seismic hazard results to different background seismic activity and temporal earthquake occurrence models**  
Yilmaz N., YÜCEMEN M. S.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, cilt.31, sa.7, ss.1027-1039, 2011 (SCI-Expanded)
- IX. **Magnitude conversion problem for the Turkish earthquake data**  
Deniz A., YÜCEMEN M. S.  
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- X. **Probabilistic methods for the estimation of potential seismic damage: Application to reinforced concrete buildings in Turkey**  
Askan A., Yücemem M. S.  
STRUCTURAL SAFETY, cilt.32, ss.262-271, 2010 (SCI-Expanded)
- XI. **Probabilistic assessment of earthquake insurance rates for important structures: Application to Gumusova-Gerede motorway**  
YÜCEMEN M. S., YILMAZ Ç., ERDİK M. Ö.  
STRUCTURAL SAFETY, cilt.30, sa.5, ss.420-435, 2008 (SCI-Expanded)
- XII. **Probabilistic assessment of earthquake insurance rates for Turkey**  
Yucemen M.  
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- XIII. **Prediction of potential damage due to severe earthquakes**  
Yucemen M., Ozcebe G., Pay A.  
STRUCTURAL SAFETY, cilt.26, sa.3, ss.349-366, 2004 (SCI-Expanded)
- XIV. **A methodology for reliability-based design of rock slopes**  
DUZGUN H., YUCEMEN M. S., Karpuz C.  
ROCK MECHANICS AND ROCK ENGINEERING, cilt.36, sa.2, ss.95-120, 2003 (SCI-Expanded)
- XV. **A probabilistic model for the assessment of uncertainties in the shear strength of rock discontinuities**  
DUZGUN H., YUCEMEN M. S., Karpuz C.  
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.39, sa.6, ss.743-754, 2002 (SCI-Expanded)
- XVI. **Stochastic modeling of earthquake occurrences and estimation of seismic hazard: a random field approach**  
Akkaya A., Yucemen M.  
PROBABILISTIC ENGINEERING MECHANICS, cilt.17, sa.1, ss.1-13, 2002 (SCI-Expanded)

- XVII. **Estimation of earthquake hazard based on extremes of local integral random functions**  
Akkaya A., Yucemen M.  
Engineering Geology, cilt.58, sa.1, ss.53-66, 2000 (SCI-Expanded)
- XVIII. **SEISMIC HAZARD ANALYSIS WITH RANDOMLY LOCATED SOURCES**  
YUCEMEN M., GULKAN P.  
NATURAL HAZARDS, cilt.9, ss.215-233, 1994 (SCI-Expanded)
- XIX. **A RANDOM-FIELD MODEL FOR THE ESTIMATION OF SEISMIC HAZARD**  
YUCEMEN M.  
STRUCTURAL SAFETY, cilt.12, sa.3, ss.187-203, 1993 (SCI-Expanded)
- XX. **PROBABILISTIC 3-DIMENSIONAL STABILITY ANALYSIS OF SLOPES**  
YUCEMEN M., ALHOMOUD A.  
STRUCTURAL SAFETY, cilt.9, sa.1, ss.1-20, 1990 (SCI-Expanded)

### **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Seismic Reliability of Highway Transportation Systems**  
Ozcan N. T., YÜCEMEN M. S.  
ASCE-ASME JOURNAL OF RISK AND UNCERTAINTY IN ENGINEERING SYSTEMS PART A-CIVIL ENGINEERING, cilt.4, sa.3, 2018 (ESCI)
- II. **Calibration of Turkish LRFD bridge design code for slab on steel plate girders**  
KOÇ A., CANER A., YÜCEMEN M. S.  
BRIDGE STRUCTURES, cilt.9, ss.115-121, 2013 (ESCI)

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Spatial sensitivity of seismic hazard results to background seismic activity models**  
Yilmaz N., YÜCEMEN M. S.  
11th International Conference on Applications of Statistics and Probability in Civil Engineering (IC ASP), Zürich, İsviçre, 1 - 04 Ağustos 2011, ss.1496-1503
- II. **Mean damage ratios for reinforced concrete and masonry buildings constructed in Turkey**  
YÜCEMEN M. S., Deniz A.  
4th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2010, Cape-Town, Güney Afrika, 6 - 08 Eylül 2010, ss.1217-1220
- III. **Assessment of earthquake insurance rates for the Turkish catastrophe insurance pool**  
Deniz A., Yucemen M. S.  
10th International Conference on Application of Statistics and Probability in Civil Engineering, Tokyo, Japonya, 31 Temmuz - 03 Ağustos 2007, ss.315-316
- IV. **In defence of Zeytinburnu**  
Ozcebe G., SUCUOĞLU H., YÜCEMEN M. S., YAKUT A.  
Workshop on Advances in Earthquake Engineering for Urban Risk Reduction, İstanbul, Türkiye, 30 Mayıs - 01 Haziran 2005, cilt.66, ss.95-97
- V. **Probabilistic modeling of plane failure in rock slopes**  
DUZGUN H., YUCEMEN M. S., Karpuz C.  
9th International Conference on Applications of Statistics and Probability in Civil Engineering, San-Francisco, Kostarika, 6 - 09 Temmuz 2003, ss.1255-1262
- VI. **Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey**  
**Part II: Inclusion of site characteristics**  
Yakut A., Aydogan V., Ozcebe G., Yucemen M.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29,

ss.43-58

- VII. **Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey - Part I: Statistical model based on structural characteristics**  
Ozcebe G., Yucemen M., Aydogan V., Yakut A.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29, ss.29-42
- VIII. **Estimation of earthquake damage probabilities for reinforced concrete buildings**  
Yucemen M., Askan A.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29, ss.149-164
- IX. **Seismic hazard assessment for the North Anatolian and San Andreas faults based on random field models**  
Akkaya A., Yucemen M.  
8th International Conference on Applications of Statistics and Probability (ICASP 8), Sydney, Avustralya, 12 - 15 Aralık 1999, ss.511-518
- X. **Influence of peak ground velocity on seismic failure probability**  
Sucuoğlu H., Erberik M., Yucemen M.  
4th European Conference on Structural Dynamics (EURODYN 99), PRAGUE, Çek Cumhuriyeti, 7 - 10 Haziran 1999, ss.1031-1036
- XI. **A probabilistic design approach for rock slopes**  
DUZGUN H., Karpuz C., YUCEMEN M. S.  
7th International Symposium on Mine Planning and Equipment Selection, Calgary, Kanada, 6 - 09 Ekim 1998, ss.179-184
- XII. **EARTHQUAKE RELIABILITY OF LIFELINE NETWORKS**  
YUCEMEN M., SELCUK A.  
5th US National Conference on Earthquake Engineering - Earthquake Awareness and Mitigation Across the Nation, Illinois, Amerika Birleşik Devletleri, 10 - 14 Temmuz 1994, ss.809-818
- XIII. **A PROPOSED SEISMIC ZONES MAP FOR TURKEY INCORPORATING SOURCE ZONE BOUNDARY UNCERTAINTY**  
GULKAN P., BAZOS N., YUCEMEN M., ERGUNAY O.  
5th US National Conference on Earthquake Engineering - Earthquake Awareness and Mitigation Across the Nation, Illinois, Amerika Birleşik Devletleri, 10 - 14 Temmuz 1994, ss.661-670

## **Metrikler**

Yayın: 35

Atf (WoS): 372

Atf (Scopus): 311

H-İndeks (WoS): 11

H-İndeks (Scopus): 10

## **Akademi Dışı Deneyim**

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Dept. of C.E., Jordan University of Science and Technology  
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