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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

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

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

Tuncer B., AKKAYA A., YÜCEMEN M. S.

Nuclear Technology, cilt.210, sa.8, ss.1366-1391, 2024 (SCI-Expanded)

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

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- III. **Sensitivity of seismic hazard results to alternative seismic source and magnitude-recurrence models: a case study for Jordan**  
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- IV. **Comparison of loads in Turkish earthquake code with those computed statistically**  
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- V. **Determination of Reliability Based New Load and Resistance Factors for Reinforced Concrete Structural Members**  
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- VI. **Robust estimation of magnitude-frequency relationship parameters**  
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- 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.  
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- VIII. **Spatial sensitivity of seismic hazard results to different background seismic activity and temporal earthquake occurrence models**  
Yilmaz N., YÜCEMEN M. S.  
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- 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.  
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- XI. **Probabilistic assessment of earthquake insurance rates for important structures: Application to Gumusova-Gerede motorway**  
YÜCEMEN M. S., YILMAZ Ç., ERDİK M. Ö.  
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- XIV. **A methodology for reliability-based design of rock slopes**  
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- 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.  
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- XVIII. **SEISMIC HAZARD ANALYSIS WITH RANDOMLY LOCATED SOURCES**  
YUCEMEN M., GULKAN P.  
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- XIX. **A RANDOM-FIELD MODEL FOR THE ESTIMATION OF SEISMIC HAZARD**  
YUCEMEN M.  
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- XX. **PROBABILISTIC 3-DIMENSIONAL STABILITY ANALYSIS OF SLOPES**  
YUCEMEN M., ALHOMOUD A.  
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## **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. **Fault Based Tsunami Generation and Hazard Analysis: A Probabilistic Study for Aegean Coasts of Türkiye**  
DOĞAN G. G., YALÇINER A. C., ÖZACAR A. A., GÜLERCE Z., TÜFEKÇİ ENGİNAR D., SÜZEN M. L., Kanun O., PEKCAN O., YÜCEMEN M. S.  
EGU General Assembly 2023, Viyana, Avusturya, 23 - 28 Nisan 2023
- II. **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
- III. **Mean damage ratios for reinforced concrete and masonry buildings constructed in Turkey**  
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- IV. **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
- V. **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
- VI. **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

- VII. **Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey**  
**Part II: Inclusion of site characteristics**  
Yakut A., Aydoğan V., Özcebe G., Yüce men M.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29, ss.43-58
- VIII. **Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey -**  
**Part I: Statistical model based on structural characteristics**  
Özcebe G., Yüce men M., Aydoğan V., Yakut A.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29, ss.29-42
- IX. **Estimation of earthquake damage probabilities for reinforced concrete buildings**  
Yüce men M., Askan A.  
Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Türkiye, 13 Mayıs 2003, cilt.29, ss.149-164
- X. **Seismic hazard assessment for the North Anatolian and San Andreas faults based on random field models**  
Akkaya A., Yüce men M.  
8th International Conference on Applications of Statistics and Probability (ICASP 8), Sydney, Avustralya, 12 - 15 Aralık 1999, ss.511-518
- XI. **Influence of peak ground velocity on seismic failure probability**  
Sücuoğlu H., Erberik M., Yüce men M.  
4th European Conference on Structural Dynamics (EURODYN 99), PRAGUE, Çek Cumhuriyeti, 7 - 10 Haziran 1999, ss.1031-1036
- XII. **A probabilistic design approach for rock slopes**  
DUZGUN H., Karpuz C., YUCEMEN M. S.  
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- XIII. **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
- XIV. **A PROPOSED SEISMIC ZONES MAP FOR TURKEY INCORPORATING SOURCE ZONE BOUNDARY UNCERTAINTY**  
GULKAN P., BAZOS N., YUCEMEN M., ERGUNAY O.  
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## **Metrikler**

Yayın: 36

Atıf (WoS): 381

Atıf (Scopus): 347

H-İndeks (WoS): 11

H-İndeks (Scopus): 10

## **Akademi Dışı Deneyim**

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