

ÖZGEÇMİŞ

Adı Soyadı: Tahsin Alper Yıkıcı

Doğum Tarihi: 01/09/1981

Unvanı: Öğr. Gör. Dr.

Öğrenim Durumu: Doktora

| Derece | Alan | Üniversite | Yıl |
|-----------|---------------------|------------------------------|------|
| Lisans | Insaat Muhendisligi | Istanbul Teknik Universitesi | 2005 |
| Y. Lisans | Insaat Muhendisligi | Istanbul Teknik Universitesi | 2008 |
| Doktora | Insaat Muhendisligi | West Virginia University | 2015 |

Yayınlar

Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

1. Yıkıcı, T.A., Chen, Roger H. L., Use of Maturity Method to Estimate Compressive Strength of Mass Concrete, *Construction and Building Materials*, Vol. 95, 2015, pp 802-812.
2. Yıkıcı, T.A., Chen, Roger H. L., Numerical Prediction Model for Temperature Development in Mass Concrete Structures, *In Transportation Research Record: Journal of the Transportation Research Board*, No. 2508, Transportation Research Board of the National Academies, Washington DC, 2015, pp. 102-110.

Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. Yıkıcı, T.A., Chen, Roger H. L., 2D Modeling Temperature Development of Mass Concrete Structures at Early Age, fib Symposium, Maastricht, Netherlands, 2017.
2. Corbacioglu U., Kesler E., Yıkıcı T.A. and Akkaya Y., Effects of Curing Temperature on Chloride Migration and Electrical Resistivity of Concrete, *Materials, Systems and Structures in Civil Engineering – MSSCE 2016*, Lyngby, Denmark, 2016.
3. Yıkıcı, T.A., Chen, Roger H. L., Numerical Prediction Model for Temperature Development in Mass Concrete Structures, 15-5698, TRB Annual Meeting, Washington DC, 2015
4. Chen, Roger H. L., Sweet, J.G., and Yıkıcı T.A., Implementation of Self Consolidating Concrete (SCC) for the Stalaker Run Bridge in West Virginia, Fifth North American Conference on the Design and Use of Self-Consolidating Concrete, Chicago, IL, 2013.
5. Yıkıcı, T.A., Chen, Roger H. L., Effect of Temperature-Time History on Concrete Strength in Mass Concrete Structures, 13-4969, TRB Annual Meeting, Washington DC, 2013.
6. Yıkıcı, A., Akkaya, Y., Bond Quality Assessment by Petrography, Mechanical and Nondestructive Testing, 12th Euroseminar on Microscopy Applied to Building Materials, Dortmund, Germany, September 2009.

Diğer yayınlar

1. Yıkıcı, T.A., Evaluating Thermal Behavior and Use of Maturity Method in Mass Concrete, PhD Dissertation, West Virginia University, 2015.
2. Yıkıcı A., Akkaya, Y., Impact-Echo Yöntemiyle Tamirat Kalitesinin Belirlenmesi, Sika Teknik Bülten, No.1, pp.4-11, 2008.
3. Yıkıcı, T.A., Evaluation of Repair Materials for High Performance Concrete, M.S. Thesis, Istanbul Technical University, 2008
4. Yazan, O., Yıkıcı, A., Uzun, O., Akkaya, Y., Kuru Kıvamlı Betonlarda Sıkıştırılabilirliğin Başarımı ve Ölçülmesi, Sika Teknik Bülten, No.2, pp.11-19, 2005.

Projeler

1. WVDOH Supplemental Tasks to RP-257, Preliminary Analysis of use of Mass Concrete in West Virginia, West Virginia University, Graduate Research Assistant, 2013-2014.
2. WVDOH RP-257, Preliminary Analysis of use of Mass Concrete in West Virginia, West Virginia University, Graduate Research Assistant, 2010-2013.

3. WVDOH RP221-D, Development of a White Paper for Self-Consolidating Concrete Cast-In-Place Applications, West Virginia University, Graduate Research Assistant, 2011-2013.
4. FHWA-IBRD Project, Innovative Bridge Construction Using Self Consolidating Concrete (SCC), West Virginia University, Graduate Research Assistant, 2009-2011.
5. WVDOH RP221-C Supplemental Tasks to RP 221 and RP 221-B, Feasibility and Implementation of Self-Consolidating Concrete, West Virginia University, Graduate Research Assistant, 2009-2011.
6. TUBITAK Kariyer, Proje No. 105M136, Betonarme yapılarda korozyonun yikintisiz yontemlerle izlenmesi, Yuksek Lisans Ogrencisi, 2007-2008.

Bilimsel ve Mesleki Kuruluşlara Üyelikler

Insaat Muhendisleri Odasi

Transportation Research Board (Standing Committee on Concrete Materials and Placement Techniques (AFN40), 2015; Standing Committee on Durability of Concrete (AFN30), 2013)

Ödüller

Istanbul Teknik Universitesi Vakfı, Prof. Dr. M. Süheyl Akman Odulu, En basarili yuksek lisans calismasi, 2008.

Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

| Akademik Yıl | Dönem | Dersin Adı | Haftalık Saati | | Öğrenci Sayısı |
|--------------|----------|----------------------------------|----------------|----------|----------------|
| | | | Teorik | Uygulama | |
| 2016 | Güz | Theory of Structures I | 3 | | 3 |
| | | Calculus II | 4 | | 54 |
| | İlkbahar | Construction Materials | 3 | 2 | 30 |
| 2017 | Güz | Theory of Structures I | 3 | | 26 |
| | | Reinforced Concrete Structures I | 4 | | 25 |
| | Bahar | Construction Materials | 3 | 2 | 28 |
| | | Advanced Concrete Materials | 3 | | 5 |