

ÖZGEÇMİŞ

1. **Adı Soyadı: İrem Zeynep YILDIRIM**
2. **Doğum Tarihi: 21 Nisan 1981**
3. **Unvanı: Yrd. Doç. Dr.**
4. **Öğrenim Durumu: Doktora**

Derece	Alan	Üniversite	Yıl
Lisans	İTÜ	İnşaat Mühendisliği	2002
Y. Lisans	İTÜ	İnşaat Mühendisliği	2004
Doktora	Purdue University	İnşaat Mühendisliği	2009

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : 03 Mart 2014
Doçentlik Tarihi : -
Profesörlük Tarihi : -

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri : -

6.2. Doktora Tezleri : -

7. Yayınlar

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

- Yoon, S., Balunaini , U., **Yildirim, I. Z.**, Prezzi, M., and Siddiki, N. Z. (2009). “Construction of a fly and bottom ash-mixture embankment: a field performance study.” Journal of Materials in Civil Engineering, ASCE, Vol.21, No.6, pp. 271-278.
- Seo, H., **Yildirim, I.Z.**, and Prezzi, M. (2009) “Assessment of the axial response of an H pile driven in multilayered soil.” Journal of Geotechnical and Geoenvironmental Engineering, ASCE, Vol.135, No.12, pp. 1789-1804.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

- **Yildirim, I.Z.**, and Prezzi, M. (2011). “Chemical, Mineralogical, and Morphological Properties of Steel Slag.” Advances in Civil Engineering-Special Issue of the Use of Recyclable Materials in Sustainable Civil Engineering Applications (RMSCE), Vol. 2011, Article ID 463638, 13 pages, 2011. doi:10.1155/2011/463638.
- **Yildirim, I.Z.**, and Prezzi, M. (2009). “Use of Steel Slag in Subgrade Applications.” Publication FHWA/IN/JTRP-2009/SPR-3129, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2009 (doi: 10.5703/1288284314275).

- **Yildirim, I. Z.,** M. Prezzi, M. Vasudevan, and H. Santoso. (2013). “Use of Soil-Steel Slag-Class-C Fly Ash Mixtures in Subgrade Applications.” Publication FHWA/IN/JTRP-2013/06. Joint Transportation Research Program, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2013 (doi: 10.5703/1288284315188).

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

- **Prezzi, M. and Yildirim, I.Z. (2012).** Presentation on: “Use of Steel Slag As a Geotechnical Material- Research & Implementation, 2012 Industrial Materials Conference, Industrial Materials Use in Sustainable Pavement Systems: State of the Practice, Industrial Resources Council (IRC), Sheraton Indianapolis City Center, November 28-29, 2012.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- **Yildirim, I.Z.,** and M.T. Ozkan. (2004). “Konsol istinat duvarlarının tasariminda deprem etkilerinin incelenmesi.” (Design of cantilever retaining walls under earthquake loading) Z.M. 10; 10th National Soil Mechanics and Foundation Engineering Congress, 16-17 September, Vol.1, pp. 657-666 (in Turkish with English abstract).

7.7. Diğer yayımlar

8. Projeler

- Use of Steel Slag in Subgrade Applications, JTRP, Purdue University, W.Lafayette, USA.
- Use of Soil-Steel Slag-Class-C Fly Ash Mixtures in Subgrade Applications, JTRP, Purdue University, W.Lafayette, IN, USA.
- Determination of Ash Mixture Properties and Construction of Test Embankment, JTRP, Purdue University, W.Lafayette, USA. (Yardimci Arastirmaci).
- Pile Load Test and Design of Driven Piles, Purdue University, W.Lafayette, IN, USA (Yardimci Arastirmaci).

9. İdari Görevler

- Senior Project Professional, Fugro Consultants, Houston, Texas, USA, 2011 – Gunumuze.
- Senior Staff Engineer, Geosyntec Consultants, Richmond, Virginia, USA, 2010 – 2011.
- Postdoctoral Research Associate, Purdue University, W. Lafayette, IN, USA, 2009 – 2010.
- Research Assistant/Fellowship Recipient, Purdue University, W. Lafayette, IN, USA, 2004 –2009.
- Graduate Mentor, Purdue University, W. Lafayette, IN, USA, 2008.
- Graduate Student Researcher, Istanbul Technical University, 2004 – 2009.

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- Member of Geo-Institute (ASCE) Graduate Students’ Org., Purdue University, (2004-2009)
- Member of the C.W. Lovell Distinguished Lecture Committee, School of Civil Engineering, Purdue University (2004-2010)
- Member of Women in Engineering Program, Purdue University (2004-2010)
- Member of ASCE (2009 to Present)
- Member of Society of Women in Engineering, Houston Chapter (2011-Present)

- Member of American Turkish Energy Professionals (2011- Present)
- Professional Engineer (P.E.), Certified by Texas Board of Professional Engineers (TBPE), License Texas PE 114632.

11. Ödüller

- Bilsland Dissertation Fellowship Recipient, Purdue University, Spring 2009.
- Ross Fellowship Recipient, Purdue University, Fall 2004-Spring 2005.

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

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
	Güz				
	İlkbahar				
	Güz				
	İlkbahar				