
Mohammad Hassan Mirabimoghaddam

Associate Professor



Faculty : Engineering

Departments : Civil Engineering

Phone : +9854 - 31136418

Email : mhmirabi@eng.usb.ac.ir

Address : Dept.of Civil Engineering, Faculty of Engineering,
University of Sistan and Baluchestan, Daneshgah Ave., Zahedan,
Iran.

Education

- ✓ MS, Road and Transportation Engineering, Amirkabir University of Technology - 1998
- ✓ PhD, Civil Engineering, Iran University of Science and Technology - 2011

Courses

- | | |
|------------------------------|------------------------------|
| 1. Pavement Design | 2. Pavement lab |
| 3. Surveying and Operation I | 4. Highway Design Project |
| 5. mh | 6. Principles of Traffic Eng |
| 7. Soil Mechanics | 8. Soil Mechanics Lab |
| 9. Highway Design | 10. Geodesy and Topography |

Master Thesis

1. Modelling the ultimate strength of steel fiber reinforced concrete beams using soft computing techniques

[Mohammad Hassan Mirabimoghaddam, Sarani Naser]
مرتضي زائرميري
نيمسال اول سال تحصيلي 98-99

2. green pavement using recycled plastic

[Mohammad Hassan Mirabimoghaddam, Gholamreza Azizyan]
وحيد وحيديان
نيمسال اول سال تحصيلي 97-98

3. green pavement using recycled plastic

[Mohammad Hassan Mirabimoghaddam, Gholamreza Azizyan]
وحيد وحيديان
نيمسال دوم سال تحصيلي 96-97

4. ssdef

[Mohammad Hassan Mirabimoghaddam]
محسن رفيعي
نيمسال اول سال تحصيلي 96-97

5. assee

[Mohammad Hassan Mirabimoghaddam,]
سجاد ميربھائي
نيمسال اول سال تحصيلي 95-96

6. ssder Investigating the Effect of Mass Mass Dipter on Structural Performance

[Mohammad Hassan Mirabimoghaddam,]
علي علي پورا پوري
نيمسال اول سال تحصيلي 95-96

7. asw

[Mohammad Reza Ghasemi, Mohammad Hassan Mirabimoghaddam]
مهسا دراجي بنجار
نيمسال دوم سال تحصيلي 95-94

8. asw

[Mohammad Hassan Mirabimoghaddam,]
حميدرضا ترشيزيان
نيمسال اول سال تحصيلي 92-93

9. hgf

[Mohammad Hassan Mirabimoghaddam,]
محمدحسن رضا پور
نيمسال اول سال تحصيلي 92-93

10. swe

[Mohammad Hassan Mirabimoghaddam, Mohammad Hosein Golbarari]
محسن مجد
نيمسال اول سال تحصيلي 92-93

11. kjhgb

[Mohammad Hassan Mirabimoghaddam]
صادق مودي
نيمسال اول سال تحصيلي 92-93

12. def

[Seyed Arman Hashemi Monfared, Mohammad Hassan Mirabimoghaddam]
فريبا برناني بجد
نيمسال دوم سال تحصيلي 91-92

13. oi

[Mohammad Hassan Mirabimoghaddam,]
امين الله فلاح

نیمسال دوم سال تحصیلی 91-92

Journals Papers

2023

1. Analysis of the Severity of Accidents on Rural Roads Using Statistical and Artificial Neural Network Methods

Habibzadeh Mohammad , Ayar Pooyan, Mohammad Hassan Mirabimoghaddam, Mahmoud Ameri, Sadat Haghighi

JOURNAL OF ADVANCED TRANSPORTATION Volume: (2023) 1 - 18

2022

2. effect of recycled sub-tires on the sulfate resistance of concrete road surfaces

Mohammad Sargazi moghadam, Mohammad Hassan Mirabimoghaddam

Volume: (8) 351 - 366

2021

3. Effects of waste glass and rubber on the SCC: rheological, mechanical, and durability properties

Saman Rahat dahmarde, Mohammad Sargazi moghadam, Mohammad Hassan Mirabimoghaddam

European Journal of Environmental and Civil Engineering Volume: (25) 302 - 321

4. Investigation of Cis Palamfiber on the mechanical properties of Concrete

Mohammad Hassan Mirabimoghaddam

Volume: (8) 169 - 176

5. Reliability Analysis of Composite-Nonfluid Tube using Finite- Based Armijo Method

Behrooz Keshtegar, Reza Kolahchi, josi A Correia, Nicholas Fantuzzi, Mohammad Hassan Mirabimoghaddam

ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems Part A-Civil Engineering Volume: (4) 04021067-1 - 04021067-5

6. Behavioural mechanism of SBR, LDPE, and SBS modified bituminous mixtures

Ahmad Mansourian, Mahmud Ameri, Mohammad Hassan Mirabimoghaddam, Esmat Riahi, Hamid Shaker, Amir Hos

Australian Journal of Civil Engineering Volume: (20) 389 - 398

2020

7. ارایه يك روش اصلاحي براي برآورد و مقایسه تصادفات انواع تقاطع هاي همسطح شهري

Mohammad Hassan Mirabimoghaddam

Volume: (28) 25 - 36

2019

8. A Two-Stage Stochastic Model for Maintenance and Rehabilitation Planning of Pavements

Mahmud Ameri, Armin Jarrahi, Farshad Haddadi, Mohammad Hassan Mirabimoghaddam

MATHEMATICAL PROBLEMS IN ENGINEERING Volume: (2019) 1 - 15

9. ارزیابی ایده استفاده از انواع مختلف ضایعات پلاستیکی در تولید بتن از لحاظ خواص مهندسی

Saman Rahat dahmarde, Mohammad Hassan Mirabimoghaddam

Volume: () 151 - 168

2018

10. Experimental evaluation on the performance of self compacting concrete containing glass particles under sulfuric acid attack

Saman Rahat dahmarde, Mohammad Hassan Mirabimoghaddam, Mohammad Sargazi moghadam

Volume: (5) 200 - 220

11. بررسی اثر آمیخته پلیمری بر خستگی مخلوطهای آسفالتی

m vamegh, Mahmoud aameri, seid farhad chavooshiyan, Mohammad Hassan Mirabimoghaddam

Volume: (4) 1 - 14

12. مدل سازی تأثیر آلودگی سطحی رویه راه ها بر احتمال وقوع تصادفات به روش شبکه عصبی

morteza zatakram, mohammad mehdi khabiri, Mohammad Hassan Mirabimoghaddam

Volume: (1) 53 - 73

2017

13. بررسی آزمایشگاهی و تحلیل آماری اثر آلاینده ها بر مقاومت لغزندگی روسازی آسفالتی

morteza zatakram, m.m khabiri, Mohammad Hassan Mirabimoghaddam

Volume: (8) 589 - 602

14. The effect of SSR400 solution on the mechanical properties of asphalt pavements subgrade

Mohammad Hassan Mirabimoghaddam, ,

Volume: (3) 83 - 98

2016

15. A study on fatigue modeling of hot mix asphalt mixtures based on the viscoelastic continuum damage properties of asphalt binder

Mahmoud Ameri, Shams Nowbakht, Mohammad Molayem, Mohammad Hassan Mirabimoghaddam

CONSTRUCTION AND BUILDING MATERIALS Volume: (106) 243 - 252

16. Experimental study on the effect of nanosized carbon particles on fatigue resistance of asphalt binders

Mohammad Hassan Mirabimoghaddam, , ,

PETROLEUM SCIENCE AND TECHNOLOGY Volume: (34) 971 - 975

2015

17. بررسی آزمایشگاهی تاثیر دما بر مقاومت لغزندگی انواع مخلوط های آسفالتی

Mohammad Hassan Mirabimoghaddam,

Volume: (6) 703 - 716

18. Validation of a simplified method in viscoelastic continuum damage (VECD) model developed for flexural mode of loading

, , Mohammad Hassan Mirabimoghaddam,

CONSTRUCTION AND BUILDING MATERIALS Volume: (95) 892 - 897

2014

19. Utilization of Waste Glass In Architectural Self Compacting Concrete A Novel Approach For Waste Management

Saman Rahat dahmarde, Mohammad Sargazi moghadam, Mohammad Hassan Mirabimoghaddam

ADVANCES IN ENVIRONMENTAL BIOLOGY Volume: (8) 976 - 984

20. Employment Waste Rubber Powder as Cement Replacement in Self-Compacting

, Saman Rahat dahmarde, Mohammad Hassan Mirabimoghaddam, Seyed roohallah Mousavi

ADVANCES IN ENVIRONMENTAL BIOLOGY Volume: (13) 656 - 666

2013

21. ANFIS-Based Approach for Penetration Rate of TBM Prediction

Mohammad Hassan Mirabimoghaddam, ,

Volume: (74) 77 - 84

2012

22. بررسی استانداردهای ضریب اصطکاک سطح جاده برای مقابله با لغزش خودروها

Mohammad Hassan Mirabimoghaddam

Volume: (70) 85 - 93

23. مطالعه عناصر اصلی مدل برآورد تصادفات راه ها و تقاطع های شهری

Mohammad Hassan Mirabimoghaddam

Volume: (12) 45 - 50

2011

24. introducing a modified gradient vector method for optimization of accident pridetion non-linear functions

Shahriar Afandizadeh, Mahmud Ameri, Mohammad Hassan Mirabimoghaddam

APPLIED MATHEMATICAL MODELLING Volume: (35) 5500 - 5506

2010

25. -

, , Mohammad Hassan Mirabimoghaddam

Volume: (3) 215 - 225

2009

26. Estimating number of Accident Model for Urban Roads of Iran

Mohammad Hassan Mirabimoghaddam

AAPS PHARMSCI Volume: (6) 257 - 268

Conferences Papers

2015

1. Considering the effect of Mass and Lateral Stiffness of 3D RC Frame under Surface Burst

-

Mohammad Hassan Mirabimoghaddam, Mohsen Majd,

2. An investigation on the effect of slag materials and materials specification such as shape, size and mineral composition on skid resistance

-

morteza zatakram, , Mohammad Hassan Mirabimoghaddam

3. Skid resistance importance and its relationship with accidents rate

-

morteza zatakram, , Mohammad Hassan Mirabimoghaddam

Executive activities

مشاوره دانشجویان کارشناسی

from 1402/07/01 - to 1403/04/04

مدیر امور طرح های عمرانی دانشگاه

from 1397/06/24 - to 1398/06/20

Research Project

1999

1. The study of positonal damage of birdge due to flooding

Mahmoud Miri, Mohammad Hassan Mirabimoghaddam - 1999