

دکتر علیرضا چهرقان

دانشیار

دانشکده: مهندسی معدن



سوابق تحصیلی			
مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۸	مهندسی عمران - نقشه برداری	دانشگاه تهران
کارشناسی ارشد	۱۳۹۰	مهندسی عمران - نقشه برداری گرایش GIS	دانشگاه تهران
دکتری	۱۳۹۶	مهندسی عمران - نقشه برداری گرایش GIS	دانشگاه تهران

سوابق اجرایی

استادیار دانشگاه صنعتی سهند بهمن ماه 1397 تا بهمن ماه 1401  
عضو شورای انفورماتیک دانشگاه صنعتی سهند اردیبهشت ماه 1398 تا خرداد ماه 1402  
رئیس گروه آمار و اطلاعات دانشگاه صنعتی سهند بهمن ماه 1399 تا خرداد ماه 1402  
دانشیار دانشگاه صنعتی سهند بهمن ماه 1401 تا اکنون  
رئیس گروه امور فنی و نظارت بر طرح های عمرانی دانشگاه صنعتی سهند تیرماه 1402 تا اکنون  
عضو کمیته پدافند غیرعامل دانشگاه صنعتی سهند آبان ماه 1402 تا اکنون

جوایز و تقدیر نامه ها

سرمآمد پژوهشی دانشگاه صنعتی سهند در سال 1403  
پژوهشگر جوان برتر دانشگاه صنعتی سهند در سال 1400

## موضوعات تدریس تخصصی

---

دکتری: محاسبات نرم، داده کاوی مکانی

کارشناسی ارشد: کاربردهای روش های هوشمند

کارشناسی: نقشه کشی صنعتی، نقشه برداری معدنی و عملیات، مبانی GIS و RS، نقشه برداری در مهندسی عمران، مبانی GIS در مهندسی عمران

## مقالات در نشریات

---

1. R Ali Abbaspour , A Chehreghan , S Sadati , A Abedini. An Approach to Evaluate the User Participation Pattern in Highway's Volunteered Geographic Information using Machine Learning. Quarterly Journal of Transportation Engineering, 2024.
2. S Sowlati, R Ali Abbaspour, A Chehreghan. Identifying transportation modes from trajectory dataset using boosting and deep learning methods in intelligent transportation systems. Journal of Transportation Research, 2023.
3. R Adabi, R Ali Abbaspour, A Chehreghan. An assessment on building blocks completion process in the Volunteered Geographic Information (VGI) for using in smart cities. Scientific-Research Quarterly of Geographical Data (SEPEHR), 2022.
4. S Sowlati, RA Abbaspour, A Chehreghan. Feature Extraction from Trajectories for Transportation Mode Detection in Smart City using Machine Learning. Quarterly Journal of Transportation Engineering, 2022.
5. A Moeini Roubali , R Ali Abbaspour , Alireza Chehreghan. Matching of Polygon Objects by Optimizing Geometric Criteria. Engineering Journal of Geospatial Information Technology, 2021.
6. R Adabi , RA Abbaspour , Alireza Chehreghan. Assessment of the completeness of Volunteered Geographic Information focusing on building blocks data (Case Study: Tehran metropolis). Engineering Journal of Geospatial Information Technology, 2021.
7. B Khalili, R Ali Abbaspour, A Chehreghan. A Method for Improvement of PDR method using Smartphones Considering Pedestrian Properties. Earth Observation and Geomatics Engineering, 2024.
8. S Sowlati , R Ali Abbaspour , A Chehreghan. An approach to assess the role of features in detection of transportation modes. Transportation, 2024.
9. E Saadatzaheh, R Ali Abbaspour, A Chehreghan. An improvement in smartphone-based 3D indoor positioning using an effective map matching method. Journal of Ambient Intelligence and Humanized Computing, 2023.
10. A Chehreghan, E Saadatzaheh, RA Abbaspour. Infrastructure-free indoor navigation based on smartphone sensors in smart buildings. Journal of Location Based Services, 2023.
11. B Khalili, R Ali Abbaspour, A Chehreghan, N Vesali. A context-aware smartphone-based 3D indoor positioning using pedestrian dead reckoning. Sensors, 2022.
12. R Ghasemi Nejad, R Ali Abbaspour, A Chehreghan. Spatiotemporal VGI contributor reputation system based on implicit evaluation relations. Geocarto International, 2022.
13. A Moayedi , R Ali Abbaspour , Alireza Chehreghan , P Mojtabaei. The credibility evaluation of the trajectory clustering results using a user-defined similarity. Earth Observation and Geomatics Engineering, 2021.

- RA Abbaspour , Alireza Chehreghan , M Chamani,Multi-scale polygons matching using a new .14  
.geographic context descriptor,Applied Geomatics,2021
- P Shivanasab , RA Abbaspour , Alireza Chehreghan,An assessment on the performance of .15  
the shape functions in clustering based on representative trajectories of dense areas,GIScience  
& Remote Sensing,2021
- N Teimoori , R Ali Abbaspour , Alireza Chehreghan,Reliability extracted from the history file .16  
as an intrinsic indicator for assessing the quality of OpenStreetMap,Earth Science  
Informatics,2021
- A Hosseinpour Milaghardan , C Claramunt , Alireza Chehreghan,A dimension reduced .17  
clustering approach for the evaluation of trajectory similarities,Earth Observation and Geomatics  
Engineering,2021
- GIS-based Seismic Vulnerability Mapping: A Comparison of Artificial neural networks Hybrid .18  
Models,GeoCarto International,2021
- Amin Hosseinpour , Rahim Ali Abbaspour , Christophe Claramunt , Alireza Chehreghan,An .19  
Activity-Based Framework for Detecting Human Movement Patterns in an Urban  
Environment,Transactions in GIS,2021
- Amin Hosseinpour , Rahim Ali Abbaspour , Christophe Claramunt , Alireza .20  
Chehreghan,Inferring Geometric Similarities of Trajectories by an Abstract Trajectory Descriptor  
(ATD),Earth Observation and Geomatics Engineering,2020
- Ali Moayed , Rahim Ali Abbaspour , Alireza Chehreghan,An Evaluation of the Efficiency of .21  
Similarity Functions in Density-based Clustering of Spatial Trajectories,Annals of GIS,2019
- Alireza Chehreghan ,& Rahim Ali Abbaspour,An Evaluation of Data Completeness of VGI .22  
through Geometric Similarity Assessment,International Journal of Image and Data Fusion,2018
- Alireza Chehreghan ,& Rahim Ali Abbaspour,A Geometric-based Approach for Road Matching .23  
on Multi-scale Datasets using a Genetic Algorithm,Cartography and Geographic Information  
Science (CaGIS),2018
- Alireza Chehreghan ,& Rahim Ali Abbaspour,An Assessment of the Efficiency of Spatial .24  
Distances in Linear Object Matching on Multi-scale, Multi-source Maps,International Journal of  
Image and Data Fusion,2018
- Rahim Ali Abbaspour , Alireza Chehreghan , Amer Karimi,Assessment the Efficiency of .25  
Shape-Based Functions and Descriptors in Multi-Scale Matching of Linear Objects,Geocarto  
International,2018
- Azadeh Nasiri , Rahim Ali Abbaspour , Alireza Chehreghan , Jamal Jokar Arsanjani,Improving .26  
the quality of citizen contributed geodata through their historical contributions: the case of road  
network in OpenStreetMap,ISPRS International Journal of Geo-Information,2018
- Alireza Chehreghan ,& Rahim Ali Abbaspour,Estimation of Empirical Parameters in Matching .27  
of Linear Vector Datasets: an Optimization Approach,Modeling Earth Systems and  
Environment,2017
- Alireza Chehreghan ,& Rahim Ali Abbaspour,An Assessment of Spatial Similarity Degree .28  
between Polylines in Multi-Scale, Multi-Source Maps,Geocarto International,2017
- Alireza Chehreghan ,& Rahim Ali Abbaspour,An Improvement on the Clustering of High- .29  
resolution Satellite Images Using a Hybrid Algorithm,Journal of the Indian Society of Remote  
Sensing,2017
- Ali Dehghani , Alireza Chehreghan , Rahim Ali Abbaspour,Matching of Urban Pathways in a .30  
Multi-scale Database using Fuzzy Reasoning,Geodesy and Cartography,2017
- Alireza Chehreghan ,& Rahim Ali Abbaspour,A New Descriptor for Improving Geometric-based .31  
Matching of Linear Objects on Multi-scale Datasets,GIScience & Remote Sensing,2017
- Rahim Ali Abbaspour , Mohammad Shaeri , Alireza Chehreghan,A Method for Similarity .32  
Measurement in Spatial Trajectories,Spatial Information Research,2017
- Sajad Hassani Pazoky , Mahmoodreza Delavar , Alireza Chehreghan.A Comparative .33

33. Evaluation of Automatic Sampling Methods, American Journal of Engineering Research, 2013  
 Mohammadali Rajabi , Aliasghar Alesheykh , Alireza Chehreghan , Hassan Gazmeh, An Innovative Method for Forest Fire Risk Zoning Map Using Fuzzy Inference System and GIS, International Journal of Scientific & Technology Research, 2013
35. Amin Hoseinpour Milaghardan , Mahmoudreza Delavar , Alireza Chehreghan, Uncertainty in Landslide Occurrence Prediction using Dempster-Shafer Theory, Modeling Earth Systems and Environment, 2016
36. Alireza Chehreghan , Mahmoudreza Delavar , Reza Zarei, An Intelligent Deployment Method of Geo-sensor Networks in 3D Environment, Annals of GIS, 2016
37. Sajad Hassani Pazoky , Mohammad Saadatseresht , Alireza Chehreghan, An Information-Based Approach for Douglas-Peucker Thresholding in Polyline Generalizations, Research Journal of Recent Sciences, 2014
38. Hassan Gazmeh , Aliasghar Alesheykh , Mohammad Karimi , Alireza Chehreghan, Spatio-Temporal Forest Fire Spread Modeling Using Cellular Automata Honey Bee Foraging and GIS, Bulletin of Environment, Pharmacology and Life Sciences, 2013
39. Alireza Chehreghan , Mohammadali Rajabi , Sajad Hassani Pazoky, Developing a Novel Method for Optimum Site Selection Based on Fuzzy Genetic System and GIS, International Journal of Advanced Research in Computer Science and Software Engineering, 2013