Davoud Parvinnezhad
PHD

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PERSONAL INFORMATION

Date of Birth: March 23 1977
Place of Birth: Tabriz, Iran
Citizenship: Iran
Sex: Male
Marital Status: Married

EDUCATION

Sept/2012 –June/2021 **University of Tehran, Tehran, Iran**

Ph.D. in Geomatics Engineering
Specialization: Geospatial Information System (GIS)
Thesis title: Smart Modelling of Urban Growth Using Fuzzy Rough Sets Theory

Sept/2000 - Sept/2003 **K. N. Toosi University of Technology, Tehran, Iran**

M. Eng. in Geomatics Engineering
Specialization: Geospatial Information System (GIS)
Thesis title: Design and Implementation an advanced topological structure in GIS

Sept/1996 - Sept/2000 **Tabriz University, Tabriz, Iran**

B.Sc. in Surveying Engineering
Faculty of Civil Engineering, Tabriz University, Tabriz, Iran.

PROFESSIONAL WORK EXPERIENCE

Oct 2021– now **Assistant Professor**, Marand Faculty of Engineering, Tabriz University.

Mar 2008 – Oct 2021 **Lecturer**, Marand Faculty of Engineering, Tabriz University.

TEACHING LESSONS

Surveying Engineering, Route Surveying, Road Construction, Hydrography, Digital Mapping, Underground Surveying, Applications of Surveying Engineering, GIS I, GIS II, GIS Applications, ArcGIS, Civil3D, and AutoCAD.

RECENT PUBLICATIONS

Book Publication

1. **D. Parvinnezhad** and Arash Rahmanizadeh (2016) "Road Construction from aspects of Surveying" Asre Zendegi Publication (Translated to Persian)

2. **D. Parvinnezhad** and Hassan Emami (2020) "Hydrography" Asre Zendegi Publication (Translated to Persian)

Journal Papers

1. Ahmadlou, M., Karimi, M., Alizadeh, S., Shirzadi, A., **Parvinnejhad, D.**, Shahabi, H., & Panahi, M. (2018). Flood susceptibility assessment using integration of adaptive network-based fuzzy inference system (ANFIS) and biogeography-based optimization (BBO) and BAT algorithms (BA). Geocarto International, 1-21.

2. Chen, W., Panahi, M., Pourghasemi, H. R., Khosravi, K., Rezaie, F., & **Parvinnezhad, D.** (2018). Spatial prediction of groundwater potentiality using ANFIS ensembled with Teaching-learning-based optimization and Biogeography-based optimization. Hydrology, 25-54.

3. **Parvinnezhad, D.**, Delavar, M. R., Claramunt, C., & Pijanowski, B. C. (2019). A modified spatial entropy for urban sprawl assessment. Geocarto International, 1804-1819.

4. **Parvinnezhad, D.**, Delavar, M. R., Pijanowski, B. C., & Claramunt, C. (2020). Integration of adaptive neural fuzzy inference system and fuzzy rough set theory with support vector regression to urban growth modelling. Earth Science Informatics, 17-36.

Refereed Conference Publications **(More than 5)**

PROFESSIONAL QUALIFICATIONS

Familiar with programming languages such as Matlab, Mapobjects, Python, and VBA.

RESEARCH INTERESTS

Urban growth modelling, Landuse/Land change modelling, Disaster management, and Uncertainty modelling in GIS.

Spoken Languages

Turkish (Mother Tongue), Persian, and English.