Hasti Andon Petrosians

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EDUCATION

University of Tehran, Iran

- Bachelor of Science in Natural Resource Engineering - Environmental Science
- Master of Science in Natural Resource Engineering - Environmental Science

Work Experience

Research Assistant   University of Tehran, Iran   2012-2019 (part time)

Highlight Projects:

- Preparing National Document for Stable Management of Coastal Ecosystems
- Determining the Need of Water Supply of Mangrove Forest against Shoor dam
- Integrated Coastal Zone Management (ICZM) of Iran
- Sand Dune Management Strategies to Protect Environment
- Landscape Analysis of Coastal Zone of Iran

GIS Expert   Consulting Engineering Company Grade 2   Fe.2015-Sep 2015

Environment Manager   Consulting Engineering Company Grade 1   2016-2019 (part time)

Publication

Journals

- **Petrosians, H**., A. Danehkar,S. Ashrafi, J. Feghhi.2016. Investigation of Environmental Factors for Locating Mangrove Forest Ex-situ Conservation Zones Through Integrated Application of GIS Spatial Techniques and Logistic Regression Algorithm in Mangrove Forests of Hormozgan Province, Iran. Polish Journal of Environmental Studies. 25(5):2097-2106.
- **Petrosians, H**., A. Danehkar,S. Ashrafi J. Feghhi.2013.Investigation Climatology Index that Influence Mangrove Forest Distribution. Journal of Wetland Eco biology .5 (170):5-16.
- **Petrosians, H**., A. Danehkar,S. Ashrafi J. Feghhi.2013. Application Delphi Method for Choosing Mangrove Forest Ex-situ Conservation Zones. Environment and Development (Iranian Association for Environmental Assessment).4(7):37-48.
- **Petrosians, H**., A. Danehkar,S. Ashrafi J. Feghhi. 2014.The Use of Logistic Regression to Identify Climate Factors Affecting the Distribution of Mangrove Forest of Hormozgan Province, Iran. Natural Environment Journal, 67 (2):135-144.
- Mahmoudi, B., **Petrosians, H**, A. Danehkar O. Zakeri. 2014. Survey of Sustainability Trend of Restoration and Development of Mangrove Forests in Hormozgan Coastal line. Iranian Journal of Forests and Poplar Research.22 (2):175-187.
- **Petrosians, H**, A. Danehkar S. Mahmoudi .2014 .Identify of Important Parameters in Developing Mangrove Forests by Fuzzy AHP Approach (A case study: Avicennia marina forest of Hormozgan Province). Iranian Journal of Forests and poplar research 22(1):163-174.

- **Petrosians, H**., A. Danehkar,S. Ashrafi   J. Feghhi .2017.Study the Marine Environmental Parameters Influencing the Distribution Mangrove Forests by Using Logistic Regression (Case Study: Hormozgan province). Journal of Marine Science and Technology. 2:18-28.
- **Petrosians, H**., A. Danehkar,S. Ashrafi   J. Feghhi 2017.Analysis of *Rhizophora mucronata* Habitat Condition by Comparing Environmental Variables in Mangrove Forest of Sirik, Minab and Jask Habitats in Coastline of Oman Sea. Forest and Wood Products, Volume 70, No.1:48-39.
- **Petrosians, H**. and A. Danehkar.2012. Monography of *Avicennia marina*.Sabzineh,7(67):74-81.
- **Petrosians, H**. and A. Danehkar.2012.Benefits of mangrove ecosystem. Sonbole,3(222):67-69.

Conferences

- **Petrosians, H**. and A. Danehkar.2012. Introduction Effective Criteria in Distribution Mangrove Forest .Proceeding of the First Conference on Wetland Management and Engineering, Tehran, Iran, 27-28 May, 2012.
- **Petrosians, H**., A. Danehkar,S. Ashrafi   J. Feghhi. 2013. Conservation and Development Methods of Mangrove Forest. The Third National Student Conference of Range, Watershed and Dessert.

Computer Skill

Arc GIS, IDrisi, ENVI, RStudio, eCognition, Expert choice, SPSS, Statistical, Terrset, Vensim, Fragstats, WRPLOT View, MATLAB

Certification

- EIA Certificate from University of Tehran-Iran
- Modeling Based on Neural Network by MATLAB Software Certificate from University of Tehran-Iran
- Environment Management Certificate from Environment Protecting Organization-Iran
- Analysis of Marine Satellite Image from the First International Conference on the Environment an Geopolitics Persian Gulf, Workshop-Iran
- Use of Google Earth in Natural Resource Certificate from University of Tehran-Iran