

# **Dr. Siavosh Shayan**

**Ph D. in Geomorphology**

**Associate Professor**

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**Tarbiat Modares University,**

**Dept. of Physical Geography**

## **Research Interests**

- 1 Coastal Geomorphology Processes**
- 2 Ecosystems & Their Geomorphologic Changes**
- 3 Remote Sensing & GIS applications in geomorphology**
- 4 Iranian Mountains' Geomorphologic Processes during Quaternary**

## **Education**

- 1 Graduate : Physical Geography, Tabriz University, Tabriz Iran, 1979**
- 2 Master : Physical Geography, Tehran University, Tehran Iran, 1989**
- 3 Ph D. : Physical Geography (Geomorphology, Tarbiat Modares University, Tehran Iran, 2000**

## **Teaching Experience**

- 1 Coastal Geomorphology, Postgraduate (Ph. D)**
- 2 Application of Geomorphology in Urban & rural planning, Graduate**
- 3 Urban Physical Geography (Geomorphology, Post Graduate**
- 4 Environmental Ecosystems, Post Graduate**
- 5 Arid lands Geomorphology, Post Graduate(Ph. D)**
- 6 Environmental Management , Post Graduate(Ph. D)**
- 7 Geomorphology & Environmental Management, Post Graduate**
- 8 Environmental Planning, Post Graduate**
- 9 Iranian Geomorphologic Unites , Post Graduate**

## Books

- 1 1990, *Economis Situation of F. R. GERMANY*, Trading Research Institute, Iranian Ministry of Commerce
- 2 1988, *Argentina, an Economic Review*, Trading Research Institute, Iranian Ministry of Commerce
- 3 1989, *Geography of Europe*, Ministry of Education of Iran
- 4 1999, *Geography Education Methods*, Ministry of Education of Iran
- 5 1995, *Report of Geography Curriculum and Education Workshop, TEHRAN*, Ministry of Education of Iran
- 6 2005, *A Dictionary of Physical Geography*, Madrasedh Pub., 6th Edion
- 7 1990, *Countries Name Profile*, Kavir Pub. 3rd Ed
- 8 2004, *Geography Education Methods*, Shoorra Pub
- 9 2002, *Social Studies Education*, Sohofi Pub. 4th ed
- 10 2002, *Macro Geography, Modern Geographical Issues of the World*, Madrasedh Pub
- 11 2003, *"Geography Textbook" for Iranian Pre- University Students*, Ministry of Education of Iran
- 12 2004, *On Geography Education*, Madrase Publications

## National Journals

- 1 1988, 'World fresh waters', *Progress in Geography Education*, No. 2
- 2 1989, 'Geography & Geographical thoughts', *Progress in Geography Education*, No. 10, 11, 12
- 3 1988, 'Geography Education in SPAIN', *Progress in Geography Education*, No. 3
- 4 1989, 'Geography Education in Austria', *Progress in Geography Education*, No. 6
- 5 1988, 'Geography Education in Sweden', *Progress in Geography Education*
- 6 1989, 'Geography Education in Primary Schools', *Progress in Geography Education*, No. 9
- 7 1989, 'Geography Education in Secondary Schools', *Progress in Geography Education*, No. 8
- 8 1988, 'Balance of Payments in F. R. Germany during 1986', *Iranian Trade Review*, No. 1
- 9 1988, 'F. R. Germany Import & Export Regulations', *Iranian Trade Review*, No. 2
- 10 1988, '(F. R. Germany Economic Review (1', *Iranian Trade Review*, No. 8
- 11 1988, '(F. R. Germany Economic Review (2', *Iranian Trade Review*, No. 9
- 12 1987, 'Argentina Economic And Trading Review', *Parts 1, 2, 3 and 4. Iranian Trade*

*Review, No. 35, 36, 37 and 38*

- 13 1989, '(Indonesia, an Economic and Trading Review (1) and (2)', *Iranian Trade Review, No. 52-53*
- 14 1989, 'The Sixth Continent of the Earth, South Pole', *Progress in Geography Education, No. 13*
- 15 1990, 'The bedrock and Weathering', *Progress in Geography Education, No. 14, 15*
- 16 1990, '(Aeolian Landforms in Arid Lands (1) and (2)', *Progress in Geography Education, No. 17, 18*
- 17 'Geographical Knowledge, a Gallup Consideration', *Progress in Geography Education*
- 18 1990, '(Earthquake Prediction Possibilities (1) & (2)', *undefined*
- 19 1992, 'On Geography Education', *Progress in Geography Education. Parts 1, 2, 3 and 4, in No. 30, 31, 33 and 35*
- 20 1988, 'English for Physical Geography Students', *Book review, in Monthly History & Geography Book review, No. 20, Vol. 14*
- 21 1999, 'Mapping out Geography: An Example of epistemology and Education', *Progress in Geography Education, No. 51 ~ 55*
- 22 1998, 'Nahavand Physical Setting & its evolution during Geological times', *Proceedings of first Seminar on Region Recognition, ACI*
- 23 1998, 'Scientific Report Writing in Geographical Filed Works', *Progress in Geographical Education, No. 44*
- 24 2000, 'Baroodab Alluvial Fan, and Environmental Threat', *Farhang Quarterly, No. 3, A. C. I*
- 25 2000, 'Analysis of deposition and Soil erosion in Nahavond Plain', *Farhang Quarterly Vol. 6. A. C. I*
- 26 2000, 'Physical Geography of Seas & Oceans', *Book Review, No. 30*
- 27 2000, 'Nahavand Physical Boundaries determining by Using DTM & Satellite data', *Farhang Quarterly, No. 8*
- 28 1999, 'Mediterranean Valleys, Physical Geography', *History & Geography Monthly book review. No . 20*
- 29 2002, 'Characteristics of Geographical Textbooks', *In Javaneh, Quarterly, Ministry of Education of I. R. of Iran, No. 3*
- 30 2004 'Gamasiab Drainage Basin, a suitable & typical basin for Geomorphologic & Hydrologic Education & Field Researches', (*Geographical Researches Quarterly, Meshed*), vol.73
- 31 2004, 'Gamasiab Alluvial Fans', *Geographic Researches, Faculty of Geography, University of Tehran , No. 46*
- 32 2002, 'Global Environmental Outlook , Geo 2000', *Progress in Geography Education ,No 63*
- 33 2003, 'Formal Environmental Educations in Iranian Geography Textbooks', *Progress in Geography Education Quarterly, No 65*

- 34 2002, 'Geomorphologic Evidences on Dating Seimareh Grand Landslide', *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.).vol.8, no 1*
- 35 2005' Climatic Risk possibilities in Roads, Using GIS methods' *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.).vol.9, no 1, Spring 2005*
- 36 2005, 'Sanandaj Road As a Case Study', *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.) Vol. 9, no 38*
- 37 'Comfort Climatic Conditions: Marivan As a case Study', (*Modarres Quarterly, University of Tarbiat Modarres (T.M.U), in print*
- 38 2005, 'Modeling As a Technique in Geomorphology', *Geographical Researches Quarterly, Meshed, Tom 79*
- 39 2004, 'Hydrological Characteristics of Gamasiab Basin', *Farhangian Quarterly, no 17*
- 40 2007, 'Recognition of Perimeter Border Fluctuations And Draw-up Suspended Materials Scattering Map of Urmia Lake, Using Satellite Data (ETM, TM & LISSIII Sensors)', *Geographical Researches, Geography Faculty, Tehran University Vol.32, Winter 2007*
- 41 2005, 'Remotely Sensed Data Efficiency on Landform Maps Production and Its Role in Environmental Planning: A case study of SEMNAN', *Province of IRAN, in Modarres Quarterly, University of Tarbiat Modarres, Vol. 9. No 4*
- 42 2005, '(Geomorphologic Studies in Integrated Coastal Zone Management (ICZM)', *Port & Sea ,SPO. Iran. Vol. 20, No 126-7*

2008, “Remote Sensing Effectiveness in Hydrocarbon Reservoirs Modeling in Southwest of Iran; Asmari Formation as a Case Study”, in *Modarres Quarterly, University of Tarbiat Modarres, in print.*

2008, “

#### Refereed National Conference Proceedings

- 1 1998, 'Nahavand Physical Settings & its evolution during Geological Times', *Proceedings of Region Recognition. ACI*
- 2 2001, 'Gamasiab Drainage Basin, a suitable basin for Geomorphologic Field Researches', *Proceedings of Region Recognition, ACI*
- 3 2004, 'Formal Environmental Educations in Geography Textbooks of Iran', *Proceedings of Environmental Educations. Association of Iranian Chemical Engineers. Tehran*
- 4 2004, 'Physical Flows in Cities and their Role in Urban Planning Management', *University of Tabriz*

#### Editorial Board of Journals

- 1 Geographical Researches, Faculty of Geography, University of TEHRAN
- 2 (Roshd Amozesh-e- Geografia (Progress in Geography Education, Ministry of Education, IRAN
- 3 History & Geography Monthly book review, Ministry of Culture and guidance of Iran
- 4 Kharazmy International Festival, undefined
- 5 Assistant Editor of Modarres Humanities Quarterly , Tarbiat Modares University
- 6 Farhang Quarterly, undefined
- 7 Islamic Republic of Iran Book of the Year, undefined
- 8 Earth Sciences Quarterly, Faculty of Earth Sciences . Shahid Beheshti University

### Professional Experiences

- 1 Assistant Professor in Tarbiat Modares University, 09/01/2001
- 2 ( Assistant Professor in Tehran University(Part Time, 01/01/1991 - 01/01/2001
- 3 Member of Iranian Geography Society
- 4 Member of Iranian Remote Sensing & GIS Society
- 5 Member of Committee if Geographical terms Selection, Academy of Persian Language

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### Others

- 1 15M .A. thesis supervised in Depts. of Geography and Remote Sensing, Tarbiat Modarres University and other Iranian Universities Since 2001
- 2 NAMES AND ADDRESSES OF REFEREES:, Professor. F. MAHMOODY. Dept of Physical Geography, Geography Faculty, University of TEHRAN \_ Professor A. ALIMMOHAMADY, Dept. of GIS, Khaje Nasir University \_ Professor D. MEHRSHAHY. Dept of Geography. Yazd University