

# Seyed Jaleddin Mirnezami

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## Education

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- ◇ Tarbiat Modares University (TMU) Tehran, Iran  
**Ph.D.**, Water Resources Engineering 2011-2017  
Thesis title: *Contextual analysis of groundwater conservation challenges in Iran: Insights from Rafsanjan case study*  
Supervisors: Ali Bagheri (TMU); Kaveh Madani (Imperial College London; Yale University)  
(Visiting scholar at the University of Twente in the Netherlands from 2014 to 2015)  
GPA: 17.67/20
  
- ◇ University of Tehran (UT) Karaj, Iran  
**M.Sc.**, Water Resources Engineering 2009-2011  
Thesis title: *Development of Water Resources Planning Models Considering Economic, Social and Environmental Criteria*  
Supervisors: Shahab Araghinejad (UT); AbdolMajid Liaghat (UT)  
GPA: 18.51/20
  
- ◇ University of Tehran Karaj, Iran  
**B.Sc.**, Water Engineering 2005-2009  
GPA: 16.46/20

## Honors

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- ◇ Ranked 1<sup>st</sup> in the Iranian National Qualifying Exam for Graduate Studies 2009
- ◇ Ranked 3<sup>rd</sup> among B.Sc. graduated students of Water Engineering field in the University of Tehran 2009

## Publications (Conference, Seminar and Book Chapter)

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- ◇ **Mirnezami, S.J.**, De Boer, C., Bagheri, A. (2019) "Groundwater governance and implementing the conservation policy: The Case study of Rafsanjan Plain in Iran", *Environment, Development and Sustainability*, 1-28, <https://doi.org/10.1007/s10668-019-00488-0>
- ◇ Lotfi, S., **Mirnezami, S.J.** (2019) "Exploring the Role of Social characteristics in Sustaining Groundwater Systems: An Agent-Based Model", *Social Simulation Conference 2019*, Johannes Gutenberg University Mainz, Germany.
- ◇ Özerol, G., Vinke-de Kruijf, J., Brisbois, M.C., Casiano Flores, C., Deekshit, P., Girard, C., Knieper, C., **Mirnezami, S.J.**, Ortega-Reig, M., Ranjan, P., Schröder, N., Schröter, B. (2018) "Comparative studies on water governance: a systematic review", *Ecology and Society*, 23(4).
- ◇ **Mirnezami, S.J.**, Bagheri, A., Maleki, A. (2018) "Inaction of Society on the Drawdown of Groundwater Resources: A Case Study of Rafsanjan Plain in Iran", *Water Alternatives*, 11(3).
- ◇ **Mirnezami, S.J.**, Bagheri, A. (2017) "Assessing the governance system for groundwater conservation in Iran", *Journal of Iran Water Resources Research*, 13(2). (in Farsi)
- ◇ **Mirnezami, S.J.**, Bagheri, A. (2016) "Escaping the trap of short-termism to take the Nexus approach: Exiting from the water crisis in Iran", *Zentrum für Umweltkommunikation in Osnabrück, Germany*. (<https://www.wef.uni-osnabrueck.de/a2-unsustainable-pathways-and-leverage-points/>)
- ◇ **Mirnezami, S.J.**, Bagheri, A., De Boer, C., Abdolahi, M. (2015) "Neglecting climate adaptation under the umbrella of non-adaptive water governance: The story of transition from Qanat to pumped wells in

Rafsanjan, Iran”, Dresden Nexus Conference (DNC2015), Dresden, Germany. (<http://www.dresden-nexus-conference.org/archive/2015/index.html>)

- ◇ **Mirnezami, S.J.**, S. Araghinejad, M. Kholghi and A. Liaghat, “Real-Time Operation of multireservoir systems using SMCDM”, Proc. of the 5<sup>th</sup> National Conference on Management of Iran Water Resources, Abbaspour University, Tehran, Iran , February 2014 (in Farsi)
- ◇ M. R. Farzaneh, S. Eslamian and **S.J. Mirnezami**, “Climate Change: Uncertainty, Impact and Adaptation” Chapter 37 of Handbook of Engineering Hydrology, S. Eslamian (ed), CRC Press, Taylor & Francis Group, 2014
- ◇ **Mirnezami, S.J.**, “Integrated Water Use Assessment”, Presented as PhD seminar, 2013 (in Farsi)
- ◇ H. Mosahebi, S. Araghinejad and **S.J. Mirnezami**, “Designing a spatial multi-criteria decision making software for integrated water resources management”, Proc. of the 1<sup>st</sup> International and 3<sup>rd</sup> National Conference on Dams and Hydropower Plants, Tehran, Iran , February 2012 (in Farsi)
- ◇ **Mirnezami, S.J.**, and S. Araghinejad, “Software development of integrated river basin models to analyze hydrological drought”, Proc. of the 2<sup>nd</sup> National Conference on Practical Researches of Iran Water Resources, Zanjan, Iran , May 2011 (in Farsi)
- ◇ **Mirnezami, S.J.**, and S. Araghinejad, “Comparing water resources decision support systems with emphasis on software development”, Proc. of the 4<sup>th</sup> National Conference on Management of Iran Water Resources, Amir-Kabir University, Tehran, Iran , May 2011 (in Farsi)

## Professional Experiences

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- ◇ Working in “Jamab Consulting Firm” as a water resource planning expert in the project of “National Water Master Plan”, Tehran, Iran  
2010
- ◇ Working in “Saj-Tadbir Consulting Firm” as a water resource planning expert and developer on the national pilot project of “Water demand management for improving water productivity in Ghazvin irrigation network district”, Tehran, Iran  
2011- 2014
- ◇ Visiting scholar at the department of CSTM in the University of Twente, Enschede, the Netherlands  
2014-2015
- ◇ Working in “Supreme Council of Cultural Revolution” as an institutional analyst expert in the strategic project of “National Innovation System”, Tehran, Iran  
2015-2016
- ◇ Consulter of the project “Regional Development Project” for the ULRP (Urmia Lake Restoration Plan), Tehran, Iran  
2016-2017
- ◇ Water and Development Programme Manager at Sharif Policy Research Institute within Sharif University of Technology, Tehran, Iran (<https://goo.gl/ox6PmN>)  
2017-present
- ◇ Assistant to FAO National Consultant in the project for Integrated Programme for Sustainable Water Resources Management in the Urmia Lake Basin  
2018-2019

## Research Interests

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- ◇ Integrated modeling and assessment of water resources systems
- ◇ Policy change and governance transformation
- ◇ Water governance and institutional aspects of water resources systems