

## CURRICULUM VITAE (CV)

### Profile:

**Full Name:** Ali Hajimoradi

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### Education:

- ✓ 2018-now: Ph.D. Candidate for Water & Hydraulic Structures in Tabriz University, department of civil
- ✓ 2011-2013: MSc in Water Engineering in Amir Kabir University of Technology, department of civil
- ✓ 2005-2009: BSc in Structural Engineering of Isfahan University of Technology
- ✓ 2001-2004: Diploma of Mathematics and Physics in Highschool of Isfahan University of Technology

### Professional Experience:

- 2021-2022: Manager entitled "Development of a Joint Plan for Sustainable and Integrated Land Use Management Planning, cooperation with the United Nations Development Program (UNDP) and the Department of Environment, Iran
- 2021-now: Expert Member, the Committee of Urmia Lake Basin water allocation, Iran Water Resources Management Company, Ministry of Energy (MOE)
- 2014-2021: Planning Director of Urmia Lake Restoration Program (ULRP)
- Planning Director, the Secretariat of the Iran's Water Industry Federation, 2020-Present
- Water Planning Expert, Rahbord Danesh Pouya Consulting Engineers Company, 2013-2014

### Executive Experiences:

- Expert, to prepare the technical report on "the investigation of the government's performance on allocating environmental water rights of wetlands", Research Center of the Parliament, 2021
- Member of the technical working group to coordinate and supervise the wetlands of Fars Province, 2019-present
- Secretary of Urmia Lake Committee, Iran National Environmental Fund, 2020-present
- Member of the Committee to assess the Environmental impact of Beheshtabad Water Transfer Project, Department of Environment, 2016-2017
- Resident Representative of the Secretary of the National Working Group for Salvaging Urmia Lake in the project of transferring Zab water to Lake Urmia, 2018-present
- Manager, Research project titled "Environment and Resistance Economy", A Contract between Amirkabir University of Technology and the Department of Environment, 2014
- Representative of the Iranian Water Resources Science and Engineering Association involved in drafting the constitution of the scientific associations related to water, 2015-2016

### Publications:

- Hajimoradi A., 2016, "Contradictions of the Sixth Development Plan in Dealing with Water Problem from the Virtual Water Perspective", First National Conference on Water Resources Management Strategies and Environmental Challenges, School of Agricultural Sciences and Natural Resources, Mazandaran University

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- Hajimoradi, A., 2015, "The role of dietary patterns in water resources management, 10th International Civil Engineering Conference", Tabriz
- Hajimoradi, A., 2014, "Virtual water transfer networks as a suitable solution for water resources management in Iran", 8th National Congress of Civil Engineering, Noshirvani University of Technology, Babol
- Hajimoradi, A., 2014, "Virtual Water Trade, A Solution for Sustainable Water Management", Shahid Beheshti University (Shahid Abbaspour Training and Research Campus), 5th Iranian Water Resources Management Conference
- Hajimoradi, A., 2014, "Optimization of water resources in Urmia Lake basin based on the concept of virtual water of agricultural crops", the 19th National Conference of the Iranian Association of Environmentalists, Tehran
- Hajimoradi, A., 2012, "Evaluation of the quality of Garsha dam reservoir based on two-dimensional model of CE-Qual-w2", Third National Conference on Civil Engineering, Islamic Azad University, Khomeini Shahr Branch
- Hajimoradi, A., 2007, "water absorption by Concrete and its effect on concrete permeability", Building and Computer Monthly Journal.

### **Presentations/conference:**

- Member of the panel, June 2021, "Conditions of wetlands in Fars province and comprehensive management of their protection using scientific strategies and solutions", the 12th National Conference on Agricultural Economics of Iran;
- Speech, June 2021, on the governance challenges in the management of water resources in Iran, the speech was delivered to the board of directors of the Iran's Water Industry Federation of Iran;
- Speech, May 2021, entitled "Sharing the experiences related to the National Plan to save Urmia Lake in achieving the goals of sustainable development". This speech was delivered to the board of the Iranian Society of Consulting Engineers.
- Hajimoradi A., 2020, "Analysis of the challenges of the country's water balance", National Symposium on unresolved issues of the country's water balance, Ministry of Energy;
- Hajimoradi A., 2018, a report on "How to determine the allowable extraction cap (CAP) of water resources in the Murray-Darling Basin, Australia", based on the report of water resources management reforms in the Murray-Darling basin, Independent Auditing Group Murray-Darling Basin;
- Hajimoradi, A., 2017, "The share of water resources management in the Sixth Development Plan" in the summit of water and food security in the five-year development plans, Presidential Center for Strategic Studies
- Member of the panel, Feb. 2017, "River Basin Management Organizations" in the 8th National Conference on Water Resources Management of Iran;
- Speech, Feb. 2017, in a specialized panel titled "The role of governance structures in water resources management and the development of a paradigm of cooperation between the private sector and the government" in the 8th National Conference on Water Resources Management in Iran;
- Member of the panel, Feb. 2017, titled "Water Governance in the process of Lake Urmia Restoration" in the 8th National Conference on Water Resources Management of Iran;
- Editor, 2020, Persian translation of a book titled "Urmia Lake basin water accounting", original version authored by Delft University of the Netherlands;
- Speech at a meeting on "The role of floods in the process of wetland restoration", Feb. 2017, the 18th National Hydraulic Conference of Iran, University of Tehran;
- Scientific Secretary, April 2017, "International Conference on Legal Opportunities for the Protection and Restoration of Urmia Lake", Faculty of Law, University of Tehran;

- Key Speaker, December 2016, the workshop on “sharing Water Reform Experiences in Murray-Darling Basin, Australia”, Second Biennial Conference on Water Economics, National Center for Strategic Water and Agriculture Studies,
- Head of the Scientific Committee, December 2015, "The second symposium of water resources policy makers entitled Food Security and Sustainable Governance”, Agricultural Education, Promotion and Research Organization in collaboration with the Office of Sustainable Development, Amirkabir University of Technology;
- Resource Person, October 2014, "Virtual Water and Agricultural Economics" Workshop, Sharif University of Technology, Sharif Environment Week;
- Member of the Editorial Board, 2013-2014, the Journal of Sustainable Development, Amirkabir University of Technology;
- Participation in a training course, April 2017,“ water reforms in Australia”, Sharif University of Technology in collaboration with the University of Melbourne;
- Participation in a participatory workshop, May 2017, "Lessons from Australian Experiences in reforming Water Resources Management ", Iran Water Resources Management Company in collaboration with the University of Melbourne;
- Fourth Iranian Water Resources Management Conference, 2011, Amirkabir University of Technology;

### **Cultural activities:**

- One of the Authors of the book entitled "Oral History of Lake Urmia", writers team, 2021
- One of the Authors of the book entitled "Urmia lake Restoration Program 2014-2021", writers team, under preparation

### **Membership:**

- Isfahan Province’s Construction Engineering Organization, Grade 2 for supervision 2012 – present
- Iranian Association of Water Resources Engineering and Science, 2013-present
- Iranian Hydraulic Association, 2018-present
- Specialized Committee on Climate Change affiliated to the National Committee of Great Dams of Iran, 2015-present
- Water and Sustainable Development Department, Sustainable Development Office, Amirkabir University of Technology, 2013 – present
- Head of Urmia Lake Department, Sustainable Development Office, Amirkabir University of Technology, 2013-2014

### **Computer skills:**

- 2D design using Auto Cad software
- Architectural and 3D design using 3d Max software and V-Ray software
- Design of steel and concrete structures (SAP-ETABS - SAFE)
- Design of hydraulic and hydrological models and quasi-automatic calibration (HEC-RAS - HEC-HMS)
- Optimization software (LINGO)
- Qualitative modeling of dam reservoirs (CE-QUAL)
- Project Control Planning and Management (MSP) Methods
- Analysis and estimation software and preparation of status report (planning, planning)
- Mapping devices (level, theodolite, Total station)

### **Areas of interest:**

- Governance and management of water resources
- Water, agriculture and environment nexus
- Virtual Water in Agriculture and its policy
- Environmental assessment of construction projects
- Value engineering in construction projects

Last updated: Nov. 3, 2021