

# Ayda Alehashemi

Architect, Landscape architect, Ph.D.

## Curriculum vitae - Publications - Research activities

*Ayda Alehashemi is an architect and landscape architect. She earned her Ph.D. in Architecture from the University of Tehran in 2015 and taught at the University of Tehran and the International University of Qazvin (IKIU) in Iran. She is currently a lecturer at the Paris-Malaquais National School of Architecture – PSL and the Paris-Belleville National School of Architecture in France. Since 2021, she has also been an associate researcher at the IPRAUS laboratory at ENSA Paris-Belleville.*

*An international specialist in the intersection of water systems and human settlements, she began her research in Iran with her doctoral work on Tehran's hydraulic systems and has since expanded her focus to hydraulic systems in Uzbekistan, India, Morocco, France, and Italy. In France, she participated in the establishment of the pedagogical and research chair "Water Architectures, Cities & Landscapes" at ENSA Paris-Malaquais in 2020, alongside Jean-François Coulais, and has served as its co-coordinator ever since.*

*Over the past decade, she has led and contributed to numerous research and teaching projects on water architectures and the relationship between hydraulic systems and human settlements, and has published extensively on this subject in English, French and Persian.*

## EDUCATION

2010 - 2015 **Ph.D in Architecture** / University of Tehran, Tehran, Iran.

Thesis entitled "The Landscape Approach to Urban Infrastructure: Tehran's Water Networks as Landscape Infrastructures." Supervisor: S.Amir Mansouri (University of Tehran); Co-supervisor: Eric Daniel Lacombe (ENSA Paris-LaVillette - Gérphau).

*[The thesis was supported by the Tehran Urban Research and Planning Center (TURPC) and received funding from the French government (Ministry of Foreign Affairs – French Embassy in Tehran and Campus France).]*

2023-2024 **Post-Master's Degree in "Transitions and Innovations in the European Territory: Environments and Landscapes Beyond the Anthropocene"** / University of Bologna, Italy.

2007 - 2010 **Master's Degree in Landscape Architecture** / University of Tehran, Iran.

Theses entitled "Urban Landscape and River Valleys in Tehran: Case Study of the Farahzad River."

2000 - 2005 **Bachelor's Degree in Architecture** / Azad University, Mashhad, Iran.

## QUALIFICATIONS

2023 Qualified for the Position of Associate Professor at Universities in France, Session 24 (Spatial Planning, Urbanism), France.

2020-aug Qualified for the Position of Associate Professor in Schools of Architecture in France, City and Territory session, France.

2019 Qualified for the Position of Associate Professor in Schools of Architecture in France, France.

2018 Qualified for the position of Assistant professor at Universities in Iran in Architecture and landscape architecture departments. Iran

## TEACHING

- 2024-today Lecturer / City and Territory / École Nationale Supérieure d'Architecture Paris-Belleville.
- 2019-today Lecturer / École Nationale Supérieure d'Architecture Paris-Malaquais-PSL, France.
- 2019-2020 Lecturer / École Nationale Supérieure de Paysage (ENSP Versailles), France.
- 2018-2019 Assistant Professor / Department of Architecture / International University of Qazvin (IKIU), Qazvin, Iran.
- 2013-2018 Lecturer / Department of Architecture / International University of Qazvin (IKIU), Qazvin, Iran.
- 2010-2012 Lecturer / Department of Landscape Architecture / University of Tehran, Tehran, Iran.

## SCIENTIFIC ACTIVITIES & RESPONSIBILITIES

- 2023-2025 Coordinator / Action-research project POPSU-Territories “Sharing Water in Clunisois; How to Anticipate Water Crises Collectively?”, Ministry of Ecological Transition, ENSA Paris-Malaquais-PSL & Clunisois Community of Municipalities.
- 2021-today Associate Researcher / IPRAUS, ENSA Paris-Belleville, France.
- 2019-today Co-coordinator / Chair in Teaching and Research Partnership “Water Architectures, Cities and Landscapes”, ENSA Paris-Malaquais-PSL, France.
- 2020 Member of the Scientific Committee / International Conference “Water in the Iranian world”, organized by Aix-Marseille University & ENSA Paris-Malaquais-PSL, November 17–18, 2020.
- 2018 Organizer and Member of the Scientific Council / International Workshop “Water & City: Hydraulic Systems and Urban Structures”, organized by IPRAUS-UMR AUSser 3329, Lab’Urba, and Yazd University, Yazd, Iran, September 3–6, 2018.
- 2017-2019 Member of the Scientific Committee / Action-research project “Management and Development of Iran’s Railway Landscape,” Ministry of Equipment and Iran University of Science and Technology, Tehran, Iran.
- 2019 Member of the Scientific Council and Co-President / Qazvin International Summer School “Water-City-Garden: Qazvin Traditional Orchards”, ENSA Paris-Malaquais and International University of Qazvin (IKIU), Qazvin, Iran.
- 2015-2018 Co-Editor-in-Chief / Manzar Journal (The Scientific Journal of Landscape), Q2 in Web of Science, Tehran, Iran.
- 2014-2018 Member of the Scientific Committee / Nazar Research Center, Tehran, Iran.
- 2016-2018 Deputy Director / Nazar Research Laboratory, Nazar Research Center, Tehran, Iran.
- 2006-2013 Editorial Board Member / Manzar Journal (The Scientific Journal of Landscape), Tehran, Iran.
- 2016-2020 Founding Member / Iranian Scientific Association of Landscape Architecture (IRSALA), Tehran, Iran.
- 2009-2011 Editorial Board Member / Online Journal “Landscape Architecture”, Scientific Association of Landscape Architecture Students, Iran.
- 2011 Member of the Scientific Council / International Conference “Pedestrian Life in the City,” Tehran, Iran.
- 2010 Member of the Scientific Committee / National Symposium “Urban Landscape,” Tehran, Iran.

# PUBLICATIONS

## BOOKS, GUIDBOOKS & PROCEEDINGS

- 2026 Rhone, C. Alehashemi, A. & Coulais, J-F (eds.). **Water in the Iranian World: Millennia-Old Techniques, Uses, and Cultures (l'eau dans le monde iranien: Techniques, usages et cultures millénaires)**. Turnhout, Brepols. (in French) (forthcoming).
- 2026 Alehashemi, A. Coulais, J-F & Delpeuch, J-L. **Water Sharing and Hydric Crises in Rural Territories: The Case of Clunisois (Partage de l'eau et Crises hydriques dans les territoires ruraux: Le cas du Clunisois)**. Paris, Édition Autrement. (in French) (forthcoming)
- 2024 Alehashemi, A. & Coulais, J-F. **Practical guidebook "Water stakeholders in Clunisois"**. Guidebook for local collectivities & local communities, Paris, POPSU-Territoires, accessible on : [https://popsu.archi.fr/sites/default/files/2024-11/Acteurs%20de%20l'eau%20en%20Clunisois-Guide%20pratique-1\\_0.pdf](https://popsu.archi.fr/sites/default/files/2024-11/Acteurs%20de%20l'eau%20en%20Clunisois-Guide%20pratique-1_0.pdf) (in French)
- 2020 Alehashemi, A. Coulais, J-F & Hubert, G. (eds.). **Water & City : Hydraulic Systems and Urban Structures**. Paris, l'Oeil d'Or (in English). ISBN 978-2-490437-03-0.
- 2018 Alehashemi, A *et al.* (eds.). **Proceedings of the International Workshop "Water and City."** Yazd, University of Yazd (in English).
- 2017 Teimouri, M. Alehashemi, A. & Adelvand, P (eds.). **The Evolution of the Spatial Structure of Qazvin**. Tehran, Nazar Edition (in Persian).
- 2017 Alehashemi, A. Atashinbar, M & Mokhles, F. (eds.). **Thinking the City through Landscape: Methodology for Designing Urban Spaces**. Tehran, NAZAR Edition (in Persian).
- 2015 Alehashemi, A. Adelvand, P & Goudarzian, Sh. (eds.). **Critical Views on the Master Plan of Tehran**. Tehran, NAZAR Edition (in Persian).
- 2012 Alehashemi, A *et al.* (eds.). **Proceedings of the International Conference "The City, Pedestrian Life."** Tehran, Municipality of Tehran (in English).
- 2010 Alehashemi, A *et al.* (eds.). **Proceedings of the National Conference "Urban Landscape."** Tehran, Municipality of Tehran (in Persian).

## EDITING THEMATIC ISSUES OF SCIENTIFIC JOURNALS & BOOKS

- 2025 Member of the Scientific Committee of the thematic book **"So far yet so close: Irrigated rural landscapes as cultural heritage in the Mediterranean basin and beyond,"** Italy, Casa Editrice Libria. (in English)
- 2017 Editor of Thematic Issues **"Vernacular Landscape in Morocco"**, *Scientific Journal of Art and Civilisation of the Orient (JACO)*, Volume 5, Issue 15, 62 pages. (in Persian & English)
- 2017 Editor of Thematic Issues with Poursafavi, F. **"Urban Edges"**, *Scientific Journal of Manzar*, Volume 8, Issue 37, Winter 2017, 79 pages. (in Persian & English)
- 2016 Editor of Thematic Issues with Poursafavi, F. **"Roadscape"**, *Scientific Journal of Manzar*, Volume 8, Issue 36, Fall 2016, 77 pages. (in Persian & English)
- 2016 Editor of Thematic Issues with Poursafavi, F. (dirs.) **"The Persian Garden: An International Perspective (articles by authors from Iran, India, Pakistan, France, England, and the United States)"**, *Scientific Journal of Manzar*, Volume 6, Issue 33, Winter 2016, 110 pages. (in English)
- 2015 Editor of Thematic Issues with Adelvand, P. **"Urban Landscape in India"**, *Scientific Journal of Art and Civilisation of the Orient*, Volume 2, Issue 6, Winter 2015, 62 pages. (in Persian & English)
- 2014 Editor of Thematic Issues with Adelvand, P. **"Persian Gardens in India"**, *Scientific Journal of Art and Civilisation of the Orient*, Volume 2, Issue 3, Spring 2014, 60 pages. (in Persian & English)
- 2012 Editor of Thematic Issues **"Pedestrian Life: International Experiences (Iran, Spain, France, Portugal, USA, Australia, China, Turkey, England)"**, *Scientific Journal of Manzar*, Winter 2012, 79 pages.
- 2010 Editor of Thematic Issues **"Urban Landscape of Tehran"**, *Scientific Journal of Manzar*, Volume 2, Issue 11, Fall 2010, 81 pages. (in Persian)

## PEER-REVIEWED ARTICLES

- 2023 Alehahsemi A. Gestione delle risorse idriche: imparare dal passato. Il caso della piana di Qazvin in Iran / **Water Resources Management: Learning from the Past. The Case of Qazvin Plain in Iran**, *IdC, l'industria delle costruzioni Rivista bimestrale di architettura*, N°493, 34-42. ISSN 0579-4900. (in Italian & English)
- 2021 Alehahsemi A., Coulais J.F., **The modernization of water systems and urban structures in Iran: a crash test for the Persian tradition of water culture and integration**, *Scientific journal of Flux*, varia N° 123: 3-29. doi: <https://doi.org/10.3917/flux1.123.0003> (in French)
- 2021 Alehahsemi, A. **Urban rural linkage through water infrastructure in the Iranian Plateau; Case of Semnân**, *LARHYSS Journal*, P-ISSN 1112-3680/E-ISSN 2521-9782, 47: 39-58. (in English)
- 2021 Bahrami, F., Alehashemi, A., Motedayen, H. **Dealing with uncertainty along the Kan River, Tehran: planning the Kan River based on social-ecological resilience**. *International Journal of Environmental Science and Technology*. doi: <https://doi.org/10.1007/s13762-021-03403-1> (in English)
- 2021 Akbaryan, M., Alehashemi, A., Nouri, A. **Hydraulic Landscape, The Role of Water System in Shaping the Landscape of Qazvin Traditional Orchards**. *Scientific Journal of MANZAR*, 13(55), 30-41. doi: <https://doi.org/10.22034/manzar.2021.247604.2087> (in Persian & in English)
- 2020 Alehashemi, A. **Integration between traditional water infrastructures and the residential quarter systems in the Iranian cities , Urban structures and water infrastructure in Semnan**. *Scientific Journal of Art and Civilisation of the Orient*, 8(27), 5-14. doi: <https://doi.org/10.22034/jaco.2020.216722.1137> (in English)
- 2020 Alehashemi, A. **Fath-Abad Garden, Persian Garden's Renovation and the Original Indicators of the Persian Garden**. *Scientific Journal of MANZAR*, 12(51), 6-15. doi: <https://doi.org/10.22034/manzar.2020.217930.2030> (in Persian & English)
- 2019 Bahrami, F., Alehashemi, A., & Motedayen, H. **Urban Rivers and Resilience Thinking in the Face of Flood Disturbance, The Resilience Planning of the Kan River**. *MANZAR, Scientific Journal of landscape*, 11(47), 60-73. doi: [10.22034/manzar.2019.182617.1948](https://doi.org/10.22034/manzar.2019.182617.1948) (in Persian & English)
- 2018 Alehashemi, A. Mansouri, S. A. **Landscape, a Shifting Concept : The Evolution of the Concept of Landscape from Renaissance**. *Scientific Journal of BAGH-e-NAZAR*, 14(57): 33-44. [http://www.bagh-sj.com/article\\_57878\\_en.html](http://www.bagh-sj.com/article_57878_en.html) (in Persian & English)
- 2018 Barati, N. Alehashemi, A & Minatour Sajadi, A. **Iranian Worldview and Axial Pattern in Persian Garden**. *Scientific Journal of MANZAR*, 9(41): 6-15. [http://www.manzar-sj.com/article\\_59539\\_en.html](http://www.manzar-sj.com/article_59539_en.html) (in Persian & English)
- 2017 Alehashemi, A. **The Landscaping Emergence of Water Infrastructures in the Cities of Morocco**. *Scientific Journal of Art and Civilisation of the Orient*, 5(15): 3-12. [http://www.jaco-sj.com/article\\_50771.html](http://www.jaco-sj.com/article_50771.html)
- 2017 Alehashemi. A., Mansouri, S. A. & Barati, N. **Landscape infrastructure; a new concept for urban infrastructures in 21st century; Urban infrastructures and the necessity of changing their definition & planning**. *Scientific Journal of BAGH-e-NAZAR*, 13(43): 5-18. [http://www.bagh-sj.com/jufile?ar\\_sfile=1025204](http://www.bagh-sj.com/jufile?ar_sfile=1025204) (in Persian & English)
- 2016 Mansouri. S. A, Teimouri, M., Alehashemi, A. Goudarzian, S. **The Persian Garden of Dampezhki : A new Reading of Persian Garden for Today's Life**. *Scientific Journal of Manzar*, 8(34): 6-17. [http://www.manzar-sj.com/article\\_16645.html](http://www.manzar-sj.com/article_16645.html) (in Persian & English)
- 2015 Alehashemi. A., Bagheri. Y & Akhavan, A. **Imposed or Natural Identity? Javanmardan Park, Landscaping in Kan Valley**. *Scientific Journal of Manzar*, 7(31):94-103. [http://www.manzar-sj.com/article\\_12775.html](http://www.manzar-sj.com/article_12775.html) (in Persian & English)
- 2015 Alehahsemi. A. **The water system of Bukhara : example of water networks as landscape infrastructure for the city**. *Scientific Journal of Art and Civilisation of the Orient*, 3(8): 33-46. [http://www.jaco-sj.com/article\\_13760\\_en.html](http://www.jaco-sj.com/article_13760_en.html) (in Persian & English)

- 2015 Alehashemi, A. **The Open Space's Functions in Large-scale Residential Complexes of Tehran**, *Scientific Journal of Armanshahr*, 7(13):1-12. [http://www.armanshahrjournal.com/article\\_33431\\_en.html](http://www.armanshahrjournal.com/article_33431_en.html)
- 2015 Alehashemi, A & Mansouri, S.A. **Bukhara Water Network : The Rise and Fall of an Urban Landscape Infrastructure**. *Scientific Journal of BAGH-e-NAZAR*, 11(31): 5-18. [http://www.bagh-sj.com/article\\_7838\\_en.html](http://www.bagh-sj.com/article_7838_en.html)
- 2014 Alehashemi, A, Mansouri, S.A. & Jamshidian, M. **Landscape infrastructure : The role of water network in the urban structure of Bukhara**. *Scientific Journal of Manzar* 5(25): 10-15.
- 2013 Alehashemi, A. **Viewing Corridor Management in Tehran**, *Scientific journal of Manzar*, 6(28): 63-73. [http://www.manzar-sj.com/article\\_7682\\_en.html](http://www.manzar-sj.com/article_7682_en.html)
- 2012 Alehashemi, A & Shahsavargar, M. **Artificial Nature : A Review on Design Approaches in Nahjolbalaghe and Javanmardan Parks in Tehran**. *Scientific Journal of Manzar*, 5(24): 44-47. [http://www.manzar-sj.com/article\\_4072\\_en.html](http://www.manzar-sj.com/article_4072_en.html)
- 2012 Alehashemi, A. **Qazvin Boulevard : A Garden Inside the City of Qazvin : Redefine the Qazvin boulevard base on existing historic texts and poetries**. *Scientific Journal of BAGH- e-NAZAR* (22):64-75. [http://www.bagh-sj.com/article\\_1888.html?lang=en](http://www.bagh-sj.com/article_1888.html?lang=en)
- 2009 Alehashemi, A. **Water Temples – Temples of Anahita; Emergence and Evolution of Sacred Water Architecture**, *Scientific Journal of Manzar*, 1(1): 58-61.

## REVIEW ARTICLES

- 2015 Alehashemi, A. **The Philosophy of Landscape; Simmel, Kant and Goethe**, *Scientific Journal of Manzar*, 7(30): 22-25.
- 2012 Alehashemi, A. **Looking for the question to learn; learning based on discovering**, *Scientific Journal of Manzar* 4(18): 24-27.
- 2012 Alehashemi, A. **Bernard Lassus awarded IFLA gold medal 2009**, *Scientific Journal of Manzar* 3(13) : 42-47.
- 2010 Alehashemi, A. **Urban Landscape as Criteria for Architecture of Mega Buildings**, *Scientific Journal of Manzar* 2(9): 76-79.
- 2010 Alehashemi, A. **There is no river : Critical analysis of the strategic planning of the Farahzad river in Tehran**, *Scientific Journal of Manzar* 2(6): 8-9.

## CHAPTERS IN EDITED VOLUMES

- 2026 Alehashemi, A. **Qanāt and Underground Water Architecture on the Iranian Central Plateau (Qanāt et architecture de l'eau souterraine sur le plateau central iranien)**, in *Water in the Iranian World: Millennia-Old Techniques, Uses, and Cultures*, Rhone, C. Alehashemi, A. & Coulais, J-F (eds.). Turnhout, Brepols (in French) (forthcoming). (in French)
- 2021 Leone, M., Alehashemi, A., et Lo Tauro, G. **Environment in Megacities: Tehran Waterscapes**, in *Urban Services to Ecosystems: Green Infrastructure Benefits from the Landscape to the Urban Scale*, Catalano, Ch. Andreucci, M.B. et al, (Eds.). Springer International Publishing, ISBN 978-3-030-75929-2. (in English)
- 2020 Alehashemi, A., **Water infrastructures and urban structures in Iran: Rethinking multidimensional integration**. in *Water & City, Hydraulic Systems and Urban Structures*. Alehashemi, A, et al. (Eds.). p. 259-270. Paris, l'Oeil d'Or. ISBN 978-2-490437-03-0. (in English)



## CONFERENCE PROCEEDINGS

- 2020 Alehahsemi, A. **Qanats and GroundWater Architecture in Iran**. Conference: Water in the Iranian World: Uses, Sharing, Representations from Prehistory to the Present. Aix-en-Provence., 17-18 November 2020. (in French)
- 2018 Alehahsemi, A. **Rethinking The Multidimensional Integration Between Water Networks and Urban Structures in Iran**. International workshop “water and City; hydraulique systems and urban structures”. Yazd, Iran, Septembre 2018.(in English)
- 2018 Alehahsemi, A. **The Multidimensionality of Water Systems in Islamic Urban Structures : Lessons from Traditional Water Systems in Iranian Plateau**. 14th EAUH Conference “Urban Renewal and Resilience. Cities in Comparative Perspective”. Rome, Italie, Septembre 2018. (in English)
- 2017 Alehahsemi, A. **The railway landscape, looking for the new strategies**. 1st International Conference on the urban and intercity roads landscape, Tehran, Iran. 30 Novembre 2017.(in Persian)
- 2012 Alehahsemi, A. **Sustainable way to leading nature into the city of Tehran : Looking for green- blue infrastructure for Iranian compact cities**. International conference of Green infrastructure: from global to local. St.Petersburg and Uppsala, 11-15 June 2012.(in English)
- 2011 Alehahsemi, A. **Green infrastructure strategy based on water networks, Defining the river valleys as a strategy to achieve sustainable green networks and integrated landscapes in Tehran**. 48th IFLA World Congress. Zurich, Swiss.(in English)
- 2011 Alehahsemi, A. **The Adaptation of the networks of urban marks and focal points with the natural context of the city as a way to achieving the eligibility in the urban scape : the role of Tehran river-valleys in organising the network of urban monuments**. 1st National Conference on Urban Landscape, Tehran, Iran. 2011 (in Persian)
- 2009 Alehahsemi, A. Askarzadeh, M. **Defining an urban green infrastructure, based on natural features of the land : Green infrastructure of Tehran based on the existing river valleys, in order to achieve a green sustainable structure in the city**. 46th IFLA World Congress. Rio, Brazil. 2009. (in English)

## EDITING THE THEMATIC DOSSIERS OF SCIENTIFIC JOURNALS

- 2011 Alehashemi, A (dir.). **“Landscape Architecture in France : Bernard Lassus”**. Special Issue of the Scientific Journal of Manzar- Volume 3, Issue 13, Spring 2011- pages :42-79. (in Persian)  
[http://www.manzar-sj.com/issue\\_22\\_26\\_.html](http://www.manzar-sj.com/issue_22_26_.html)
- 2011 Alehashemi, A (dir.). **“Landscape Architecture in France: Gilles Clement”**. Special Issue of the Scientific Journal of Manzar- Volume 3, Issue 14, Summer 2011- pages :26-59. (in Persian)[http://www.manzar-sj.com/issue\\_22\\_25\\_.html](http://www.manzar-sj.com/issue_22_25_.html)
- 2011 Alehashemi, A (dir.). **“Landscape Architecture in Portugal: João Nunes”**. Special Issue of the Scientific Journal of Manzar- Volume 3, Issue 15, Summer 2011- pages :16-45. [http://www.manzar-sj.com/issue\\_22\\_33\\_.html](http://www.manzar-sj.com/issue_22_33_.html)
- 2011 Alehashemi, A (dir.). **“ Landscape Architecture in Germany : Peter Latz”**. Special Issue of the Scientific Journal of Manzar- Volume 3, Issue 16, Autumn 2011- pages :22-55. (in Persian)  
[http://www.manzar-sj.com/issue\\_22\\_57\\_.html](http://www.manzar-sj.com/issue_22_57_.html)
- 2012 Alehashemi, A (dir.). **“Landscape Architecture in France: Allain Provost”**. Special Issue of the Scientific Journal of Manzar- Volume 3, Issue 17, Winter 2012- pages :28-63. [http://www.manzar-sj.com/issue\\_22\\_104\\_.html](http://www.manzar-sj.com/issue_22_104_.html)
- 2012 Alehashemi, A (dir.). **“Landscape Architecture in Spain : Manuel Palerm”**. Special Issue of the Scientific Journal of Manzar- Volume 4, Issue 18, Spring 2012- pages :36-63. (in Persian)  
[http://www.manzar-sj.com/issue\\_201\\_200\\_.html](http://www.manzar-sj.com/issue_201_200_.html)
- 2012 Alehashemi, A (dir.). **“Architecture de Paysage en Inde : Mohammad Shaheer”**. Special Issue of the Scientific Journal of Manzar- Volume 4, Issue 19, Summer 2012- pages :38-63. (in Persian)  
[http://www.manzar-sj.com/issue\\_201\\_288.html](http://www.manzar-sj.com/issue_201_288.html)

## COMMUNICATIONS

- 2025 Alehashemi, A. **Management and Uses of Water Heritage**. Heritage Meetings: Preserving Water – Department of Ain, Madelaine Departmental Complex, Bourg en Bresse, France, 4 octobre 2025 ( in French)
- 2025 Alehashemi, A & Guez, A. **Paris-Hydraulic City: Rethinking Urban Design with Water**, Seminar of Better integrate, use, and preserve water in the Parisian urban projects, organized by the City of Paris. Service of urbanisme and Architecture, Paris, Paris Anim Louis Lumière Center, 23 septembre 2025. ( in French)
- 2024 Alehashemi, A. **Facing Water Vulnerability in the Clunisois**, Opening Seminar of POPS’EAU, Europe of Architectural and Urban Projects, French Ministry of Ecological Transition, Paris, Séquoia Tower, 13 juin 2024. ( in French)
- 2024 Alehashemi, A. **Water in Architectural Education; Case of Water Architectures Chair Between Global and Local Dimensions**, 1st Franco-Brazilian AUSSer Symposium 2024 – Urban and Metropolitan Transformations and Challenges: Research Perspectives, Salle Lucio Costa – Cité Internationale Universitaire de Paris, Paris, 29 mai 2024. (in French)
- 2023 Alehashemi, A. **Designing Water Spaces / How Can We Retain Water in Winter to Survive in Summer?**, Workshop: Access to Water as a Common Good , European College of Cluny. Cluny, France, 28 - 30 mars 2023. (in French)
- 2022 Alehashemi, A. **Water & Cities; Water stress and the indigenous solutions in the Iranian plateau**, Workshop: Climate Change and Urban Space, Faculty of Architecture, Sapienza University, Rome, Italy, September 19–23, 2022. (in English)
- 2022 Alehashemi, A. **Kahriz & Groundwater Architecture; from Persia to Palermo**, International Conference “The Kahriz as an architectural monument, sustainable source of water and factor of social and economic development”, IOM, UN Migration, Baku, Azerbaïdjan, 26-27 mai 2022. (in English)
- 2022 Alehashemi, A. & Coulais, J.F. **Qanâts and Groundwater Architecture: a research path from Persia to Palermo**, International workshop “Groundwater Palermo”, University of Palermo, 19-27 avril 2022. (in English)
- 2022 Alehashemi, A. **Paris’s Hydraulic Infrastructures; Today and Tomorrow**, dans le cadre de Séminaire de mémoire recherche de master (dissertation class), Paris School of Architecture, 14 mars 2022. (in English)
- 2021 Alehashemi, A. **Water infrastructures and urban structures in the Iranian Plateau**, Academic Webinar : Urban-rural linkages From the perspective of environment and water history. UN-Habitat and University Mohamed Khider of Biskra, 26 mars 2021. (in English)
- 2020 Alehashemi, A. **Qanats and the Water Architectures in Iran**, Conference: Water in the Iranian World – Uses, Sharing, and Representations from Prehistory to the Present. Aix-en-Provence, France 17-18 novembre 2020. (in French)
- 2018 Alehashemi, A. **Rethinking The Multidimensional Integration Between Water Networks And Urban Structures In Iran**. International workshop “water and City; hydraulique systems and urban structures”. Yazd, Iran, Septembre 2018. (in English)
- 2018 Alehashemi, A. **Water Systems in Islamic Urban Structures : Lessons from Traditional Water Systems in the Iranian Plateau**. 14th EAUH Conference “Urban Renewal and Resilience. Cities in Comparative Perspective”. Rome, Italie, Septembre 2018. (in English)
- 2018 Alehashemi, A. **The Question of Water in Iran: The Case of the Madis of Isfahan** Conférence, ENSA-Paris Malaquais, dans le cadre de “*la semaine culturelle d’Isfahan à Paris*”. Paris, France, Avril 2018. (in English)
- 2018 Alehashemi, A. **Water and City ; Concept of Integration in the Iranian Plateau**, Conférence, ENSA Paris-Belleville, Journée d’Echange Franco-Iranienne “l’Eau et la ville”, IPRAUS/UMR AUSSer et le Lab’Urba/ Université Paris-Est, Avril 2018. (in English)
- 2011 Alehashemi, A. **Green infrastructure strategy based on water networks, the river valleys of Tehran**. 48th IFLA World Congress. Zurich, Swiss. (in English)
- 2009 Alehashemi, A. Askarzadeh, M. **Defining an urban green infrastructure, based on natural features of the land : Green infrastructure of Tehran based on the existing river valleys**. 46th IFLA World Congress. Rio, Brazil. 2009. (in English)

## RESEARCH PROJECTS

- 2023-2025 Research-Action Project “**Water Sharing in the Clunisois: How to Anticipate Water Crises in Solidarity? (Partage de l’eau en Clunisois, Comment anticiper les crises hydrique solidairement ?)**”, award-winning research project of the POPSU-Territories Platform of the French Ministry of Ecological Transition, 2023. Water Architectures Chair (ENSA Paris Malaquais-PSL) & Clunisois Community of Municipalities. Website of the project : <https://popsu.archi.fr/projet/communaute-de-communes-du-clunisois>

*Coordinator of the project with: Jean-François Coulais, geographer, professor, ACS laboratory, Water Architectures Chair, ENSA Paris Malaquais -PSL(PI), and Jean-Luc Delpuech, President of the Clunisois Community of Communes (PI).*

Researchers : Sabine Barles, Professor of Urban Planning and Development at Paris 1 Panthéon-Sorbonne University and member of the UMR Géographie-Cité research unit ; Nicolas Buclet, economist, professor at Grenoble Alpes University, researcher at the PACTE laboratory; Leda Dimitriadi, architect, researcher at the ACS laboratory, UMR AUSser, ENSA Paris Malaquais; Grégoire Feyt, geographer, lecturer at Grenoble Alpes University; Alain Guez, architect and urban planner, professor at ENSA Paris Malaquais; Alexandre Moine, geographer, professor at the University of Burgundy-Franche-Comté, Théma laboratory; Christian Piel, hydrologist, urban planner, Director of the UrbanWater agency; Gilles Rollier, archaeologist, researcher at HISOMA, INRAP Burgundy-Franche-Comté.

### *Outcomes/ Communications/ Publications*

- Organization of five co-construction seminars between researchers, local actors and local collectivities on principal topics related to water sharing.
- Communication of results to the general public in the form of exhibitions (two exhibitions during 2023-2024 in Cluny) and articles in the local newspaper (Saône-et-Loire newspaper).
- Publication of the manuel “**Practical guidebook for water stakeholders in Clunisois**” addressed to the local collectivities, accessible on : [https://popsu.archi.fr/sites/default/files/2024-11/Acteurs%20de%20l%27eau%20en%20Clunisois-Guide%20pratique-1\\_0.pdf](https://popsu.archi.fr/sites/default/files/2024-11/Acteurs%20de%20l%27eau%20en%20Clunisois-Guide%20pratique-1_0.pdf)

- 2020- auj. Research project “**Water in the Iranian world**” Water Architectures Chair (ENSA Paris Malaquais-PSL), IREMAM, Aix-Marseille University.

### *PI with :*

Camille Rhoné-Quer (MCF AMU/IREMAM),  
Jean-François Coulais (ENSA Paris Malaquais),  
Homa Lessan Pezechki (AMU/IREMAM),  
Mattéo Coq (doctorant AMU/IREMAM).

### *Outcomes/ Communications/ Publications*

- Conference “**Water in the Iranian world: uses, sharing, representations from prehistory to the present day**”, November 17-18, 2020, MMSH, Georges Duby Hall, Aix-en-Provence. (I participated in the scientific committee for this conference).
- Book entitled “**WATER IN THE IRANIAN WORLD: Techniques, uses, and millennia-old cultures**” Turnhout, Brepols (forthcoming). (co-editor with Camille Rhoné Quer & Jean-François Coulais).

- 2021-2022 Research project “**Global History of Water Architecture, Islamic architecture in Maghreb and the Mediterranean Basin (7th to 18th century)**”, Water Architectures Chaire (ENSA Paris Malaquais-PSL) & Massachusetts Institute of Technology (MIT), Global Architectural History Teaching Collaborative (GAHTC), Mellon Foundation, USA..

Ayda ALEHASHEMI (ENSA Paris Malaquais, IPRAUS)- PI  
Jean-François Coulais (Professor ENSA Paris Malaquais) - PI

### *Outcomes/ Communications/ Publications*

Five moduls published online on the GAHTC / Massachusetts Institute of Technology website:

1. An introduction to Islamic water civilization (<https://api.gahtc.org/lecture/494/>)
2. Hydraulic Systems and Techniques in Maghreb (<https://api.gahtc.org/lecture/495/>)
3. Oasis civilization (<https://api.gahtc.org/lecture/496/>)
4. Medina; Hydraulic Infrastructures and Urban Structures (<https://api.gahtc.org/lecture/497/>)
5. Water in Architecture : Maghreb and Mediterranean Basin (<https://api.gahtc.org/lecture/498/>)



2019 - 2020 Research project “**Water Architecture; Persia and the world, 2000 B.C- 1500 A.C**”, Water Architectures Chair (ENSA Paris Malaquais, UMR AUSser 3329) & Massachusetts Institute of Technology (MIT), Global Architectural History Teaching Collaborative (GAHTC), USA.

*PI with*

André Guillerme (Emeritus Professor of History of Techniques and Technologies at the CNA)  
Jean-Francois Coulais (Professor ENSA Paris Malaquais-PSL)

*Outcomes/ Communications/ Publications*

Four moduls published online on the GAHTC / Massachusetts Institute of Technology website:

1. Persia and the World. An Introduction to a Global History of Water Architecture (<https://api.gahtc.org/lecture/406/>)
2. Water Architecture, Spiritual Beliefs and Sacred Places (<https://api.gahtc.org/lecture/407/>)
3. Water Architecture and Public Facilities (<https://api.gahtc.org/lecture/408/>)
4. Water Architecture, Pleasure and Private Life : Houses, Schools and Gardens (<https://api.gahtc.org/lecture/409/>)

2019 - 2022 Research project “**Groundwater Architecture in Palermo**”, Water Architectures Chair (ENSA Paris Malaquais-PSL) & university of Palermo.

*PI with*

Jean-Francois Coulais (Professor, ENSA Paris Malaquais)  
Manfredi Leone (Professor, University of Palermo)

Invited researchers : Pietro Todaro (Professor University of Palermo) ; Francesco Di Paola (Professor, University of Palermo) ; Cinzia Garafalo (Professor University of Palermo); Marco Picone (Professor, University of Palermo); Leda Dimitriadi (Professor, ENSA Paris Malaquais)

*Outcomes/ Communications/ Publications*

Landscape Architecture Workshop “Groundwater Palermo 2022”, University of Palermo (19-27 Avril 2022)

2018 Research project “**Water & City**”, IPRAUS, ENSA Paris-Belle-ville, Lab’Urba, Gustave Eiffel University.

*PI with:*

Gilles Hubert ( Professor, Gustave Eiffel University)  
Jean-Francois Coulais (Professor ENSA Paris-Malaquais)

*Outcomes/ Communications/ Publications*

- Study day “**Water and the City,**” IPRAUS, ENSA Paris-Belleville, Paris (April 16, 2018)
- International Workshop “**Water & City ; Hydraulic Systems and Urban Structures**”, University of Yazd- Iran (3-6 Septembre 2018)
- Book “**Water & City : Hydraulic Systems and Urban Structures**”. Paris, l’Oeil d’Or, ISBN 978-2-490437-03-0.

2017-2018 Action-Research project “**Management and Planning of the Railway Landscape in Iran**”, Iranian Railways Bureau - Ministry of Equipment and Urbanism & University of Science and Technology of Iran, Tehran, Iran.

Member of the steering committee of the project and responsible for the Architecture and Landscape component with Reza Kheyreddin (Professor University of Science et Technologie of Iran),

*Outcomes/ Communications/ Publications*

Study day “**The railway landscape, looking for the new strategies**”,<sup>†</sup> International Conference on the urban and intercity roads landscape, Tehran, Iran. 30 November 2017.

- 2016- 2018     Research project “**PaIran : Rethinking the Iranian Urban Landscape**”, NAZAR Research Center & LADYSS Laboratory - Paris Diderot University, under the direction of Seyed Amir MANSOURI (NAZAR) and Nathalie BLANC (LADYSS), benefiting from the Gondishapour grant (Ministry of Europe and Foreign Affairs of France & Ministry of Higher Education of Iran).
- Research member & Project Co-coordinator on the Iranian Side,
- with*  
Yves LUGINBÜHL, Etienne GRESILLON, Naser BARATI, Babak ATASHINBAR, Arman MINATUR SAJADI, Farnoush MOKHLES, Farnoush POURSAFAVI, Shahrzad KHADEMI, Babak DARYOUSH, Maryam MOHSENI MOGHADAM
- Outcomes/ Communications/ Publications*  
*Scientific Conference in Tehran*  
*Study Day in Paris*  
*Two thematic dossiers in a bilingual Persian-English edition in the scientific journal Manzar*  
*MANZAR Volume 9, N° 41, march 2018: [http://www.manzar-sj.com/issue\\_6835\\_7436.html?lang=en](http://www.manzar-sj.com/issue_6835_7436.html?lang=en)*  
*MANZAR Volume 10, N°42, may 2018: [http://www.manzar-sj.com/issue\\_8003\\_8004.html?lang=en](http://www.manzar-sj.com/issue_8003_8004.html?lang=en)*
- 2016-2017     Research project “**Vernaculair landscape in Maghreb**”, Nazar Research Center & University of Tehran. Tehran, Iran.
- PI
- Outcomes/ Communications/ Publications*  
Two thematic issues of the journal Art and Civilization of the Orient (Jaco) (in Persian & English):
1. Thematic Issue: “The Vernacular Landscape in Morocco” *Journal of Art and Civilization of the Orient*, Volume 5, Issue 15, Spring 2017, 62 pages. Alehashemi, A. (Ed.). [http://www.jaco-sj.com/issue\\_6129\\_7430.html](http://www.jaco-sj.com/issue_6129_7430.html)
  2. Thematic Issue: “The Vernacular Landscape in Morocco” *Journal of Art and Civilization of the Orient*, Volume 5, Issue 17, Spring 2017, 62 pages. Alehashemi, A. (Ed.).
- 2016-2017     Action-Research project **Feasibility Study and Proposal for a Tourist Itinerary in the Historic Center of Qazvin, Iran,** Bayan-Tarh-Mohit Inc. Consulting Office & Qazvin Municipality. Qazvin, Iran.
- Co-Director of the project with Ehsan Dizani (Bayan-Tarh-Mohit Consulting Office) as part of a multidisciplinary team of architects, landscape designers, urban planners, and economists.
- 2012 - 2013     Research Project: “**Urban Landscape and Gardens in India: A Comparative Perspective**”, Nazar Research Center & University of Tehran. Tehran, Iran.
- Research Coordinator*  
*Outcomes/ Communications/ Publications*
- Two Thematic Issues of the Art and Civilization of the Orient Journal (Jaco) in Bilingual (Persian-English):
1. Thematic Issue: “Urban Landscape in India”, *Journal of Art and Civilization of the Orient*, Volume 2, Issue 6, Winter 2015, 62 pages. Alehashemi, A. and Adelvand, P. (Eds.). [http://www.jaco-sj.com/issue\\_941\\_1846.html](http://www.jaco-sj.com/issue_941_1846.html)
  2. Thematic Issue: “Persian Gardens in India”, *Journal of Art and Civilization of the Orient*, Volume 2, Issue 3, Spring 2014, 60 pages. Alehashemi, A. and Adelvand, P. (Eds.). [http://www.jaco-sj.com/issue\\_941\\_942.html](http://www.jaco-sj.com/issue_941_942.html)

## ATELIERS, WORKSHOPS & EXHIBITIONS

- 2024 Co-Construction Seminar of the Project POPSU- Water sharing in Clunisois: **“The Biodiversity and Ecology of the Grosne River”**, Organizer and Moderator, Clunisois Community of Municipalities, City of Cluny, and ENSA Paris-Malaquais-PSL, Cluny, France, December 9, 2024 (in French)
- 2024 Water Workshops ‘Sharing and Territory’ of the Capterre Bourgogne-Franche-Comté Network Organizer and Moderator of the Seminar **“Water Governance in a Period of Transition”** Alterre Bourgogne-Franche-Comté, agency for the environment and sustainable development, Clunisois Community of Municipalities & ENSA Paris-Malaquais-PSL, Cluny, France, October 1-2, 2024 (in French)
- 2024 Co-Construction Seminar of the Project POPSU- Water sharing in Clunisois: **“Water autonomy and interdependencies at the watershed level”** Organizer and Moderator, Clunisois Community of Municipalities, City of Cluny, and ENSA Paris-Malaquais-PSL, Cluny, France, April 22, 2024 (in French)
- 2024 Exhibition **“HydroCluny: Water Sharing on the Lands of Cluny Abbey”**, Organizer & Curator, October 1–13, 2024, Cluny, Saint-Hugues Exhibition Hall. (in French)
- 2023 Exhibition **“HydroCluny: Water Architectures on the Lands of Cluny Abbey”**, Organizer & Curator, December 12–22, 2023, Cluny, Malgouverne Exhibition Hall. (in French)
- 2023 Training Workshop: **“Access to Water as a Common Good”**, Co-coordinator with J-F Coulais, European College of Cluny, ENSA Paris-Malaquais, Cluny, France, March 28-30, 2023 (in French)
- 2022 Design Workshop **“Climate Change & Urban Spaces; Multilevel Rivers”**, Invited Lecturer, Sapienza Università di Roma, Rome, Italy, September 19-23, 2022 (in English)
- 2022 **Groundwater Palermo Design Workshop**, Co-coordinator with J-F Coulais and Manfredi Leone, University of Palermo and ENSA Paris-Malaquais, Palermo, Italy, April 17-27, 2022
- 2019 **International Summer School “Water-City-Garden: Qazvin Traditional Orchards”**, Member of the Scientific Council and Co-organizer / ENSA Paris-Malaquais & International University of Qazvin (IKIU), Qazvin, Iran.
- 2017 **Summer School “Isfahan, the City Which Lost Its River”**, Invited Lecturer, ENSA-Versailles & Isfahan University of Art, Isfahan, Iran, August 23-30, 2017

## SUPERVISING MASTER’S RESEARCH THESES

- 2018-2019 Co-supervision of master’s research theses, University of Tehran, Tehran, Iran
- 2019-2020 Supervision of master’s research theses, International University of Qazvin, Qazvin, Iran
- 2019-2020 Co-supervision of a master’s research theses, University of Palermo, Palermo, Italy
- 2023-today Supervision of master’s research theses, ENSA Paris-Malaquais-PSL, Paris, France