

SHORT CURRICULUM VITAE OF

Dr. S. Saeid Eslamian

1. Contacts:

Applicant Name

First Name: Seyed Saeid

Family Name: Eslamian

Nickname: Saeid

Books:

1. **Eslamian, S.** and F. Eslamian, 2021, Handbook of Hydroinformatics: Volume 1: Classic Soft-Computing Techniques, Elsevier.
2. **Eslamian, S.** and F. Eslamian, 2021, Handbook of Hydroinformatics: Volume 2: Advanced Machine Learning Techniques, Elsevier.
3. **Eslamian, S.** and F. Eslamian, 2021, Handbook of Hydroinformatics: Volume 3: Water Data Management Best Practices, Elsevier.
4. **Eslamian, S.** and J. Levy, 2020, Dynamics of Coupled Human-Natural Systems in the Blue Economy, Journal of Hydrology Regional Studies, Special Issue.
5. **Eslamian, S.**, 2020, Advances in Hydrochemistry Research, Nova Science Publishers, Inc., USA.
6. Levy, J. and **S. Eslamian.** 2020, A Human-Centered Approach to Sustainable Water Management: Applications and Theory in a Data Rich Environment, Water, Special Issue.
7. **Eslamian, S.** and F. Eslamian, 2020, Handbook of Irrigation Hydrology and Management, Vol. 1: Irrigation Fundamentals, Francis and Taylor, CRC Group, USA.
8. **Eslamian, S.** and F. Eslamian, 2020, Handbook of Irrigation Hydrology and Management, Vol. 2: Irrigation Management and Optimization, Francis and Taylor, CRC Group, USA.
9. **Eslamian, S.** and Albaji, M., F. Eslamian, 2020, Irrigation System Selection Handbook-A Guide for Semi-Arid Regions, Francis and Taylor, CRC Group, USA.
10. **Eslamian, S.** and F. Eslamian, 2020, Flood Handbook, Vol. 1: Flood Principles and Applications, Francis and Taylor, CRC Group, USA.
11. **Eslamian, S.** and F. Eslamian, 2020, Flood Handbook, Vol. 2: Flood Analysis and Modeling, Francis and Taylor, CRC Group, USA.
12. **Eslamian, S.** and F. Eslamian, 2020, Flood Handbook, Vol. 3: Flood Impact and Management, Francis and Taylor, CRC Group, USA.
13. **Eslamian, S.**, Okhravi, S., F. Eslamian, 2020, Constructed Wetlands: Hydraulic Design, Francis and Taylor, CRC Group, USA.
14. Obiefuna, G. I. and **S. Eslamian**, 2019, An Evaluation of Groundwater Storage Potentials in a Semiarid Climate, Nova Science Publishers, Inc., USA.
15. **Eslamian, S.**, 2019, Handbook of Water Harvesting and Conservation, Vol. 1: Fundamentals, John Wiley & Sons, Inc., New Jersey, USA
16. **Eslamian, S.**, 2019, Handbook of Water Harvesting and Conservation, Vol. 2: Applications, John Wiley & Sons, Inc., New Jersey, USA
17. **Eslamian, S.**, Syme, G., M. N. Reyhani, 2019, Building Socio-Hydrological Resilience, Virtual Special Issue, Journal of Hydrology, Elsevier, Netherlands.
18. **Eslamian, S.** and F. Eslamian, 2017, Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Francis and Taylor, CRC Group, USA, 660 Pages.
19. **Eslamian, S.** and F. Eslamian, 2017, Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Francis and Taylor, CRC Group, USA, 680 Pages.
20. **Eslamian, S.** and F. Eslamian, 2017, Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Francis and Taylor, CRC Group, USA, 645. Pages.
21. Angelakis, A. N., Chiotis, E., **Eslamian, S.**, Weingartner, H., 2017, Underground Aqueducts Handbook, Taylor and Francis Group, CRC Press, USA, 511 Pages.
22. **Eslamian S.**, Mirabbasi-Najafabadi R. and Ostad-Ali-Askari K., 2017, Advance Engineering Statistics (Simulation and Modeling of Uncertainty and Sensitivity Analysis), Kankash Publisher, First Edition, ISBN: 978-600-136-359-7, Isfahan, Iran.
23. Zalewski, M., McClain, M. E., and **Eslamian, S.**, 2016, New Challenges and Dimensions of Ecohydrology, Part II Ecohydrology and Hydrobiology, Special Issue, Volume 16, Issue 2, Pages 71-124, Elsevier.
24. Zalewski, M., McClain, M. E., and **Eslamian, S.**, 2016, New Challenges and Dimensions of Ecohydrology, Part I, Ecohydrology and Hydrobiology, Special Issue, Volume 16, Issue 1, Pages 1-70, Elsevier.
25. Godarzi, A., Eslamian, S., Ostad-Ali-Askari, K., 2016, Water in Literature Aspects: Social and Cultural Aspects, Nashreshahr, ISBN: 978-600-439-096-5, 135 Pages.

26. **Eslamian, S.**, Ostad-Ali-Askari, K., Salehi, M., Agha-Esmaeli, M., Sadeghi, M., Navabpour, B., Mohri-Esfahani, E., Mousavi-Madani, M., Zad-Bagher-Seighalani, E., Sadri, A., Shirvani-Dastgerdi, H. R., 2016, Engineering Operations Research: Linear Planning, Optimization and Genetic Algorithm, Kankash, 126 Pages.
27. **Eslamian, S.**, Ostad-Ali-Askari, K., Shayannejad, M., Ghasemi-Zeniani, M., Marzi-Nohadani, M., Heidari, F., Mohri-Esfahani, E., Haeri-Hamadani, M., 2016., Groundwater Hydrodynamic, Horoufchin, 193 Pages.
28. Ostad-Ali-Askari, K., Shayannejad, M., **Eslamian, S.**, Jahangiri, A. A., Shabani, A. H., 2016, Environmental Hydraulics of Open Channel Flows, Kankash, ISBN: 978-600-136-303-0, 332 Pages.
29. **Eslamian, S.**, 2016, (ed.) Urban Water Reuse Handbook, Francis and Taylor, CRC Group, USA, 1141 Pages.
30. **Eslamian, S.,S.**, and S. S. Okhravi, 2015, Principles of Designing Rainwater Harvesting Systems (Residential Application), Kankash, 269 pages.
31. **Eslamian, S.**, 2014, (ed.) Handbook of Engineering Hydrology, Vol. 1: Fundamentals and Applications, Taylor and Francis, CRC Group, USA, 636 Pages.
32. **Eslamian, S.**, 2014, (ed.) Handbook of Engineering Hydrology, Vol. 2: Modeling, Climate Change and Variability, Taylor and Francis, CRC Group, USA, 646 Pages.
33. **Eslamian, S.**, 2014, (ed.) Handbook of Engineering Hydrology, Vol. 3: Environmental Hydrology and Water Management, Taylor and Francis, CRC Group, USA, 606 Pages.
34. **Eslamian, S. S.**, 2013, Groundwater and Surface Water Interaction (GSWI): 3: Unconventional Groundwater, International Journal of Water, Special Issue Volume, Indersciences, Vol. 7, No. 1/2, 1-141.
35. **Eslamian, S. S.**, 2012, Recent Advances In Energy, Environment and Economic Development, Proceedings of the 3rd International Conference on Development, Energy, Environment, Economics (DEEE '12), Paris, France December 2-4, Mathematics and Computers in Science and Engineering Series No. 6, North Atlantic University Union, WSEAS Press, 485 Pages.
36. **Eslamian, S. S.**, 2011, Groundwater and Surface Water Interaction (GSWI): 2. Case Studies, International Journal of Water, Special Issue Volume, Indersciences, Vol. 6, No. 1, 1-136.
37. **Eslamian, S. S.**, and S. Tarkesh Esfahani, 2011, Water Reuse (Urban Waste Water Application), Arkan Danesh Publishing, Isfahan, Iran, 327 Pages.
38. Sharifani, M. M. and **S. S. Eslamian**, 2010, Humid Region Fruit Trees, Aeij Publishing, Tehran, Iran.
39. **Eslamian, S. S.**, 2009, Basin Ecology and Environment (BEE), International Journal of Ecological Economic and Statistics, Ed., Special Issue Volume, CESER, Vol. 13, No. W09, 1-99.
40. **Eslamian, S. S.**, 2009, Groundwater and Surface Water Interaction (GSWI): 1. Quality, International Journal of Water, Special Issue Volume, Indersciences, Vol. 5, No. 2, 81-204.
41. **Eslamian, S. S.**, 2009, Wind Modeling and Frequency Analysis (WMFA), International Journal of Global Energy Issues, Special Issue Volume, Indersciences. Vol. 32, No. 3, 175-304.
42. **Eslamian, S. S.**, 2008, Stream Ecology and Low Flows (SELF), International Journal of Ecological Economic & Statistics, Ed., Special Issue Volume, CESER, Vol. 12, No. F08, 1-97.
43. **Eslamian, S. S.**, Soltani S. and A. Zarei, 2005, Application of Statistical Methods in Environmental Sciences, Arkan Publishing, Isfahan, Iran, 408 p.
44. **Eslamian, S. S.** and S. Soltani, 2002, Flood Frequency Analysis, Arkan Publishing, Isfahan, Iran, 332 p.
45. **Eslamian, S. S.**, 1995, Regional Flood Frequency Analysis Using a New Region of Influence Approach, Ph.D. Thesis, Univ. of New South Wales, School of Civil Engineering, Dept. of Water Engineering, Sydney, NSW, Australia, 1995, Supervised by: Professor David H. Pilgrim, 380 P.

Book Chapter:

46. Mujere, N., Ostad-Ali-Askari, K., **Eslamian, S.**, Marani-Barzani, M., Hasantabar-Amiri, Ali, 2019, Water Demand Reduction and Sustainability, In Encyclopedia of Sustainability in Higher Education, W. Leal Filho (ed.), Springer Nature Switzerland.
47. Ostad-Ali-Askari K., **Eslamian S.**, 2019, Sustainable Water Management and Higher Education, In Encyclopedia of Sustainability in Higher Education. W. Leal Filho (ed.), Springer Nature Switzerland.
48. Zareian M.J., **Eslamian S.**, Ostad-Ali-Askari K. , 2019, Global Warming and Sustainable Development, In Encyclopedia of Sustainability in Higher Education. W. Leal Filho (ed.), Springer Nature Switzerland.
49. Joseph K., **Eslamian S.**, Ostad-Ali-Askari K., Nekooei M., Talebmorad H., Hasantabar-Amiri A. , 2019, Environmental Impact Assessment as a Tool for Sustainable Development, In Encyclopedia of Sustainability in Higher Education. W. Leal Filho (ed.), Springer Nature Switzerland.
50. Javadinejad, S., **Eslamian, S.**, Ostad-Ali-Askari, K., Nekooei, M., Azam, N., Talebmorad, H., Hasantabar-Amiri, A., Mousavi, M., 2020, The Relationship between Climate Change, Natural Disaster and Resilience in Rural and Urban Societies, In: Leal Filho W. (eds), Handbook of Climate Change Resilience, 607-631, Springer.

51. Barrocu, G., **Eslamian, S.**, Ostad-Ali-Askari, K., Singh, V.P., 2018, Wells, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
52. **Eslamian, S.**, Sayahi, M., Ostad-Ali-Askari, K., Hosseini-Teshnizi, S.Z., Zareei, S.A., Salemi, N., 2018, Geotextiles, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
53. **Eslamian, S.**, Sayahi, M., Ostad-Ali-Askari, K., Basirat, S., Ghane, M., Matouq, M., 2018, Saturation, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
54. Gaaloul, N., **Eslamian, S.**, Ostad-Ali-Askari, K., Boreholes, In: Bobrowsky P., Marker B. (eds), 2018, Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
55. Parvizi, S., **Eslamian, S.**, Ostad-Ali-Askari, K., Yazdani, A., Singh, V.P., 2018, Percolation, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
56. Matsagar, V., **Eslamian, S.**, Ostad-Ali-Askari, K., Raeisi, M., Lee, G., Pazdar, S., Bagheri-Basmenji, A., 2018, Bridges, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
57. **Eslamian, S.**, Gohari, A.R., Ostad-Ali-Askari, K., Sadeghi, N., 2018, Reservoirs, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
58. **Eslamian, S.**, Parvizi, S., Ostad-Ali-Askari, K., Talebmorad, H., 2018, Water, In: Bobrowsky P., Marker B. (eds) Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
59. Kruse, E., **Eslamian, S.**, Ostad-Ali-Askari, K., Hosseini-Teshnizi, S. Z., 2018, Borehole Investigations. In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
60. Dalezios, N.R., **Eslamian, S.**, Ostad-Ali-Askari, K., Rabbani, S., Saeidi-Rizi, A., 2018, Sediments, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
61. Qian, Q., **Eslamian, S.**, Ostad-Ali-Askari, K., Marani-Barzani, M., Rafat, F., Hasantabar-Amiri, A., 2017, Cofferdam. In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
62. Gargouri-Ellouze, E., **Eslamian, S.**, Ostad-Ali-Askari, K., Chérif R., Bouteffeha, M., Slama, F., 2017, Infiltration, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
63. **Eslamian, S.**, Ostad-Ali-Askari, K., Javadinejad, S., Mirramazani, S.M., Adel Zadeh, L., Samimi, M., 2017, Embankments, In: Bobrowsky P., Marker B. (eds), Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series, Springer.
64. Dehghan, Z., Fathian, F., **Eslamian, S.**, 2019, Climate Change Impact on Agriculture and Irrigation Network, In Climate Change-Resilient Agriculture and Agroforestry: Ecosystem Services and Sustainability, by Paula Cristina Castro, Anabela Marisa Azul, Walter Leal Filho, and Ulisses M. Azeiteiro, Climate Change Management Book Series, 333-354, Springer.
65. Zareian, Z., **Eslamian, S.**, 2018, , Using of Optimization Strategy for Reducing Water Scarcity in the Face of Climate Change, In Climate Change-Resilient Agriculture and Agroforestry: Ecosystem Services and Sustainability, by Paula Cristina Castro, Anabela Marisa Azul, Walter Leal Filho, and Ulisses M. Azeiteiro, Climate Change Management Book Series, 317-331, Springer.
66. Coles, N. A. and **Eslamian, S.**, 2017, Definition of Drought, Ch. 1 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 1-12.
67. Dalezios, N. R., Dunkel, Z., **Eslamian, S.**, 2017, Meteorological Drought Indices: Definitions, Ch. 3 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 24-44.
68. Goyal, M. K. Gupta, V., **Eslamian, S.**, 2017, Hydrological Drought: Water Surface and Duration Curve Indices, Ch. 4 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 45-72.
69. Dalezios, N. R., Gobin, A., Tarquis Alfonso, A. M., and **Eslamian, S.**, 2017, Agricultural Drought Indices: Combining Crop, Climate, and Soil Factors, Ch. 5 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 73-90.
70. TishehZan, P. and **Eslamian, S.**, 2017, Agricultural Drought: Organizational Perspectives, Ch. 6 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 91-108.
71. Bazrkar, M. H., **Eslamian, S.**, 2017, Ocean Oscillation and Drought Indices: Application, Ch. 8 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 127-136.
72. Basu, R., Singh, C. K., **Eslamian, S.**, 2017, Cause and Occurrence of Drought, Ch. 9 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 137-148.
73. Bazrafshan, J., Hejabi, S., **Eslamian, S.**, 2017, Drought Modeling Examples, Ch. 11 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 167-188.
74. Jonathan Peter Cox, Sara Shaeri Karimi, **Eslamian, S.**, 2017, Real-Time Drought Management, Ch. 13 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 209-216.

75. Garg, V. and **Eslamian, S.**, 2017, Monitoring, Assessment, and Forecasting of Drought Using Remote Sensing and the Geographical Information System. Ch. 14 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 217-252.
76. Dalezios, N. R., Tarquis Alfonso, A. M., and **Eslamian, S.**, 2017, Drought Assessment and Risk Analysis, Ch. 18 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 323-344.
77. Dalezios, N. R., Spyropoulosand, N. V., **Eslamian, S.**, 2017, Remote Sensing in Drought Quantification and Assessment, Ch. 21 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 377-396.
78. Araghinejad, S., Hosseini-Moghari, S. M., **Eslamian, S.**, 2017, Application of Data-Driven Models in Drought Forecasting, Ch. 23 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 423-440.
79. Vafakhah, M., and **Eslamian, S.**, 2017, Application of Intelligent Technology in Rainfall Analysis, Ch. 24 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 441-460.
80. Vafakhah, M., Akbari Majdar, H. and **Eslamian, S.**, 2017, Rainfall Prediction Using Time Series Analysis, Ch. 28 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 517-540.
81. González, M. H., Garbarini, E. M., Rolla, A. L., and **Eslamian, S.**, 2017, Meteorological Drought Indices: Rainfall Prediction in Argentina, Ch. 29 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 541-570.
82. Hadizadeh, R. and **Eslamian, S.**, 2017, Modeling Hydrological Process by ARIMA–GARCH Time Series, Ch. 30 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 571-590.
83. Mujere, N., Yang, X. and **Eslamian, S.**, 2017, Gradation of Drought-Prone Area, Ch. 31 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 591-606.
84. Mahmudul Haque, M., Amir Ahmed, A., Rahman, A., **Eslamian, S.**, 2017, Drought Losses to Local Economy, Ch. 33 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 627-642.
85. Fakhruddin, B. S. H. M., **Eslamian, S.**, 2017, Analysis of Drought Factors Affecting the Economy, Ch. 34 in Handbook of Drought and Water Scarcity, Vol. 1: Principles of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 643-656.
86. Dalezios, N. R., **Eslamian, S.**, 2017, Environmental Impacts of Drought on Desertification Classification, Ch. 3 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 45-64.
87. Nazif, S. and Tavakolifar, H., **Eslamian, S.**, 2017, Climate Change Impact on Urban Water Deficit, Ch. 5 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 81-106.
88. Shahid, S., Alamgir, M., Wang, X.-J., **Eslamian, S.**, 2017, Climate Change Impacts on and Adaptation to Groundwater, Ch. 6 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 107-124.
89. Orimoogunje, O. O. I., **Eslamian, S.**, 2017, Minimizing the Impacts of Drought, Ch. 8 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 143-162.
90. Maleksaeidi, H., Keshavarz, M., Karami, E., **Eslamian, S.**, 2017, Climate Change and Drought: Building Resilience for an Unpredictable Future, Ch. 9 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 163-186.
91. Reyhani, M. N., **Eslamian, S.**, Davari, A., 2017, Sustainable Agriculture: Building Social-Ecological Resilience, Ch. 10 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 187 -204.
92. Crusberg, T. C., **Eslamian, S.**, 2017, Drought and Water Quality, Ch. 11 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 205-218.
93. Gaaloul, N., **Eslamian, S.**, and Laignel, B., 2017, Contamination of Groundwater in Arid and Semiarid Lands, Ch. 16 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 291-314.
94. Banjoko, B., **Eslamian, S.**, 2017, Sanitation in Drought, Ch. 17 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental

Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 315-330.

95. Davari, A., Bagheri, A., Reyhani, M. N., **Eslamian, S.**, 2017, Environmental Flows Assessment in Scarce Water Resources, Ch. 18 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 331-352.
96. Qian, Q., **Eslamian, S.**, 2017, Streamflow Quality in Low-Flow Conditions, Ch. 20 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 375-386.
97. Mohammadzade Miyab, N., **Eslamian, S.**, Dalezios, N. R., 2017, River Sediment in Low Flow Condition, Ch. 21 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 387-408.
98. Pérez-Blanco, C. D., Delacámara, G., Gómez, C. M., **Eslamian, S.**, 2017, Crop Insurance in Drought Conditions, Ch. 23 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and river, USA, 423-444.
99. Kahrizi, D., Esfahani, K., Ashraf Mehrabi, A., Ghaheiri, M., Azizi Aram, Z., Khosravi, S., **Eslamian, S.**, 2017, Biotechnology for Drought Improvement, Ch. 24 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 445-460.
100. Wade, P., **Eslamian, S.**, 2017, Water Issues from a System Dynamics Perspective, Ch. 25 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 461-488.
101. Rahman, A., Hajani, E., **Eslamian, S.**, 2017, Rainwater Harvesting in Arid Regions of Australia, Ch. 26 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 489-500.
102. Malekian Jabali, M., Okhravi, S., **Eslamian, S.**, Gohari, S. 2017, Water Conservation Techniques, Ch. 27 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 501-520.
103. Mukherjee, S., Yadav, K., **Eslamian, S.**, 2017, Soil Contaminations in Arid and Semiarid Land, Ch. 29 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 547-556.
104. Dayani, S., Sabzalian, M. R., Hadipour, M. **Eslamian, S.**, 2017, Water Scarcity and Sustainable Urban Green Landscape, Ch. 30 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 557-604.
105. Okhravi, S., **Eslamian, S.**, Tarkesh Esfahany, S., 2017, Drought in Lake Urmia, Ch. 31 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 605-618.
106. Gohari, A., Zareian, M. J., **Eslamian, S.**, Nazari, R. 2017, Interbasin Transfers of Water: Zayandeh-Rud River Basin, Ch. 32 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 619-630.
107. Banjoko, B., **Eslamian, S.**, 2017, Environmental Evaluation: Lessons Learned from Case Studies, Ch. 33 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 631-664.
108. Abbasova, D., **Eslamian, S.**, Nazari, R., 2017, Paleo-Drought: Measurements and Analysis, Ch. 34 in Handbook of Drought and Water Scarcity, Vol. 2: Environmental Impacts and Analysis of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 665-674.
109. Yihdego, Y., **Eslamian, S.**, 2017, Drought Management: Initiatives and Objectives, Ch. 1 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 1-26.
110. Tuncok, I. K., **Eslamian, S.**, 2017, Drought Management Strategies in Water-Stressed/Water-Scarce Regions, Ch. 5 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 97-154.
111. Reinstädler, S., Islam, S. N., **Eslamian, S.**, 2017, Drought Management for Landscape and Rural Security, Ch. 8 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 195-234.
112. Dalezios, N. R., **Eslamian, S.**, 2017, Drought Assessment and Management for Heat Waves Monitoring, Ch. 9 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 235-260.
113. Kruse, E., **Eslamian, S.**, 2017, Groundwater Management in Drought Conditions, Ch. 11 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 275-282.
114. Araghinejad, S., Hosseini-Moghari, S.-M., **Eslamian, S.**, 2017, Reservoir Operation during Drought, Ch. 12 in Handbook of Drought and

Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 283-292.

115. **Eslamian, S.**, Khosravi, B., Sayahi, M., Haeri-Hamedani, M. 2017, Crises Management Planning and Drought Management Plans, Ch. 13 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 293-304.
116. Halbac-Cotoara-Zamfir, R., **Eslamian, S.**, 2017, Functional Analysis of Regional Drought Management, Ch. 14 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 305-328.
117. Zahraei, A., Saadati, S., **Eslamian, S.**, 2017, Irrigation Deficit: Farmlands, Ch. 16 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 343-358.
118. Amiri, M. J., **Eslamian, S.**, Bahrami, M., Yousefi, N. 2017, Deficit Irrigation: Greenhouse, Ch. 17 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 359-372.
119. Ostad-Ali-Askari, K., Shayanejad, M., **Eslamian, S.**, Zamani, F., Shojaei, N., Navabpour, B., Majidifard, Z., Sadri, A., Ghasemi-Siani, Z., Nourozi, H., Vafaei, O., Homayouni. S.-M.-A., 2017, Deficit Irrigation: Optimization Models, Ch. 18 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 373-390.
120. Eludoyin, A. O., Eludoyin, O. M., **Eslamian, S.**, 2017, Drought Mitigation Practices, Ch. 19 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 391-402
121. Irshad, S. M., **Eslamian, S.**, 2017, Politics of Drought Management and Water Control in India, Ch. 22 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 447-460.
122. Pati, R., **Eslamian, S.**, 2017, Drought Management for Horticultural Crops in India, Ch. 23 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 461-482.
123. Khan, S., **Eslamian, S.**, 2017, , Ch. 25 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 495-526.
124. Sedaei, L., Sedaei, N., Cox, J. P., Dalezios N. R., **Eslamian, S.**, 2017, Forest Fire Mitigation under Water Shortage, Ch. 26 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 527-550.
125. Torabi Farsani, N., Neto de Carvalho, C., **Eslamian, S.**, 2017, Education Program for Drought, Ch. 27 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 551-566.
126. Nazif, S. and Tavakolifar, H., **Eslamian, S.**, 2017, Emergency Drought Consequence Plan, Ch. 30 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 640-658
127. Mohseni Saravi, M., Shabazi, R., **Eslamian, S.**, 2017, Coping With Drought- Ch. 31 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 659-673
128. **Eslamian, S.**, Mohri-Isfahani, E., Mahdavi, A., Rajaei-Rizi, F., Marzi-Nouhedani, M., Ghasemi-Zanyani, M., Dehghani, S., Hosseini-Teshnizi S. Z., Esmaeili, F. , Shojaei, N., Ghane, M., Hasantabar-Amiri, A., 2017, Integrated Water Resources Management Under Water Scarcity, Ch. 32 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 677-697
129. Aghaei, A., **Eslamian, S.**, Dalezios, N. R., Saeidi-Rizi, A., Bahrebardar, S., 2017, Drought and Dust Management, Ch. 33 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 699-728.
130. **Eslamian, S.**, Dalezios, N. R., Singh, V. P., Adamowaski, J., , Mohamadifard, S., Bahmani, R., Eskandari, S., Zomorodian, M., Arefeyan, A., Dehghani, S., Aghaesmaeili, M., Shahbazi, M., Amoushahi, M. T., Yousefi, N., Namdi, A., 2017, Drought Management: Current Challenges and Future Outlook, Ch. 34 in Handbook of Drought and Water Scarcity, Vol. 3: Management of Drought and Water Scarcity, Ed. by Eslamian S. and Eslamian F., Francis and Taylor, CRC Press, USA, 729-763.
131. **Eslamian, S.**, Davari, A., and Reyhani, M. N., 2017, Iranian Qanāts: An Ancient and Sustainable Water Resources Utilization, Ch. 9, in Underground Aqueducts Handbook, Ed. By Angelakis A. N. et al., Taylor and Francis, CRC Group, 123-150.
132. Khan, S., and **Eslamian, S.**, 2017, Managing Drought through Qanāt and Water Conservation in Afghanistan, Ch. 22, in Underground Aqueducts Handbook, Ed. By Angelakis A. N. et al., Taylor and Francis, CRC Group, 385-402.
133. Wessels, J. I., Vardakos, S., Weingartner, H., **Eslamian, S.**, Angelakis, A. N., 2017, Underground Aqueducts: Past, Present, and Future Trends, Ch. 29 in Underground Aqueducts Handbook, Ed. By Angelakis A. N. et al., Taylor and Francis, CRC Group, 491-510.
134. **Eslamian, S.**, Safavi, H. R., Gohari, A., Sajjadi, M., Raghbi, V., Zareian, M. J., 2017, Climate Change Impacts on Some Hydrological Variables in the Zayandeh-Rud River Basin, Iran, in Reviving the Dying Giant, Edited by Mohajeri S., Horlemann L., Springer, pp 201-

135. Dalezios, N.R., Tarquis, A. M. and **Eslamian, S.** 2017: Droughts. Chapter 5, in book: Environmental Hazards Methodologies for Risk Assessment and Management. Editor: Dalezios, N. R., International Water Association Publishing, London, UK, 177-210.
136. Bazrkar, M. H., Adamowski, J., **Eslamian, S.**, 2017, Water System Modeling, in Mathematical Advances Towards Sustainable Environmental Systems, Ed. by Furze, J.N., Swing, K., Gupta, A.K., McClatchey, R., Reynolds, D., Springer International Publishing, Switzerland, 61-88.
137. Zareeian, M.J., **Eslamian, S.**, Gohari, A., and Adamowski, J. 2017. The Effect of Climate Change on Watershed Water Balance, in Mathematical Advances Towards Sustainable Environmental Systems, Ed. by Furze, J.N., Swing, K., Gupta, A.K., McClatchey, R., Reynolds, D., Springer International Publishing, Switzerland, 215-238.
138. Bazrkar, M. H., Zamani, N., **Eslamian, S.**, Eslamian, A., Dehghan, Z., 2015, Urbanization and Climate Change, Handbook of Climate Change Adaptation, Ed. By Leal Filho, W., Springer, 619-655.
139. Gohari, A., Zareeian, M. J. and **Eslamian, S.**, 2015, A multi-model framework for climate change impact assessment, Handbook of Climate Change Adaptation, Ed. By Leal Filho, W., Springer, 17-35.
140. Chen, Z., Ngo, H. H., Guo, W, and **Eslamian, S.**, 2015, Water Shortages, in Urban Water Reuse Handbook, Ch. 1, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 3-14.
141. Boogaard, F. and **Eslamian, S.**, 2015, Water Reuse and Sustainable Urban Drainage Systems, in Urban Water Reuse Handbook, Ch. 4, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 37-44.
142. Shah Naqvi, S. A. A., Sultan, A., and **Eslamian, S.**, 2015, Water Quality Issues in Urban Water, in Urban Water Reuse Handbook, Ch. 8, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 99-112.
143. Kumar Singh, Ch., Jha, N., and **Eslamian, S.**, 2015, Reuse, Potable Water, and Possibilities, in Urban Water Reuse Handbook, Ch. 9, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 113-126.
144. Kohansal, M. M., Saadati, S., Tarkesh Esfahany, S., and **Eslamian, S.**, 2015, Urban Water Reuse in Industry, in Urban Water Reuse Handbook, Ch. 11, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 137-148.
145. Kumar, M., Chidambaram, S., Ramanathan, A. L., Goswami, R., and **Eslamian, S.**, 2015, Criterion, Indices, and Classification of Water Quality and Water Reuse Options, Urban Water Reuse Handbook, Ch. 13, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 163-176.
146. Eslamian, F., **Eslamian, S.**, and Eslamian, A., 2015, Water Reuse Guidelines for Agriculture, Urban Water Reuse Handbook, Ch. 14, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 177-186.
147. Eslamian, A., Eslamian, F., and **Eslamian, S.**, 2015, Water Reuse Guidelines for Industry, Urban Water Reuse Handbook, Ch. 15, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 187-194.
148. **Eslamian, S.**, Eslamian, F., and Eslamian, A., 2015, Water Reuse Guidelines for Recreation, Urban Water Reuse Handbook, Ch. 16, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 195-200.
149. Banjoko, B. and **Eslamian, S.**, 2015, Environmental Impact Assessment: An Application to Urban Water Reuse, Urban Water Reuse Handbook, Ch. 20, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 229-242.
150. Amiri, M. J., **Eslamian, S.**, Arshadi, M., and Khozaei, M., 2015, Water Recycling and Community, Urban Water Reuse Handbook, Ch. 22, Ed. By Eslamian, S., Taylor and Francis, CRC Group, USA, 261-274.
151. Ferdaush, J., Noor Islam, Sh., Reinstädter, S., and **Eslamian, S.**, 2015, Ethical and Cultural Dimension of Water Reuse, Urban Water Reuse Handbook, Ch. 24, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 285-296.
152. Bazrkar, M. H., Zamani, N., and **Eslamian, S.**, 2015, Evaluation of Socioeconomic Impacts of Urban Water Reuse Using System Dynamics Approach, Urban Water Reuse Handbook, Ch. 28, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 331-340.
153. Mujere, N. and **Eslamian, S.**, 2015, Blackwater System, Urban Water Reuse Handbook, Ch. 33, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 393-404.
154. Abu-Ghunmi, L., and **Eslamian, S.**, 2015, Graywater, Urban Water Reuse Handbook, Ch. 34, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 405-420.
155. **Eslamian, S.**, Amininezhad, S. M., and Amininejad, S. M., 2015, Contamination Warning System, Urban Water Reuse Handbook, Ch. 39, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 481-488.
156. Crusberg, T. C., and **Eslamian, S.**, 2015, Choosing Indicators of Fecal Pollution for Wastewater Reuse Opportunities, Urban Water Reuse Handbook, Ch. 42, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 511-520.
157. Boogaard, F. and **Eslamian, S.**, 2015, Wastewater Monitoring, Urban Water Reuse Handbook, Ch. 48, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 583-586.
158. Mujere, N., and **Eslamian, S.**, 2015, Urban Wetland Hydrology and Water Purification, Urban Water Reuse Handbook, Ch. 50, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 603-616.
159. Nazif, S., and **Eslamian, S.**, 2015, Urban Wetland Hydrology and Changes, Urban Water Reuse Handbook, Ch. 51, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 617-640.

160. Banjoko, B., and **Eslamian, S.**, 2015, Phytoremediation, Urban Water Reuse Handbook, Ch. 53, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 657-702.
161. Rivas Hernández, A., Rivas Acosta, I., and **Eslamian, S.**, .2015, Treatment Wetlands: Fundamentals, Urban Water Reuse Handbook, Ch. 54, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 703-716.
162. Okhravi, S., **Eslamian, S.**, and Adamowski, J., 2015, Water Reuse in Rainwater Harvesting, Urban Water Reuse Handbook, Ch. 59, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 779-796.
163. Rahman, A., and **Eslamian, S.**, 2015, Rainwater Tanks as a Means of Water Reuse and Conservation in Urban Areas, Urban Water Reuse Handbook, Ch. 60, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 797-808.
164. Qian, Q., and **Eslamian, S.**, 2015, Groundwater Recharge and Unconventional Water: Design and Management Criteria, Urban Water Reuse Handbook, Ch. 61, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 809-816.
165. Saket, R. K. and **Eslamian, S.**, 2015, Use of Wastewater for Hydroelectric Power Generation, Urban Water Reuse Handbook, Ch. 63, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 827-838.
166. **Eslamian, S.**, Amininezhad, S. M., Amininejad, S. M., Adamowski, J., 2015, Application of Nanotechnology in Water Reuse, Urban Water Reuse Handbook, Ch. 64, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 839-844.
167. Goodarzi, E., Ziaei, L. and **Eslamian, S.**, 2015, Recycled Water in Basin and Farm Scales, Urban Water Reuse Handbook, Ch. 65, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 855-858.
168. Perez Sierra, J. A. and **Eslamian, S.**, 2015, Water Reuse in Coastal Areas, Urban Water Reuse Handbook, Ch. 67, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 867-874.
169. Noor Islam, Sh., Reinstädter, S., and **Eslamian, S.**, 2015, Water Reuse Sustainability in Cold Climate Regions, Urban Water Reuse Handbook, Ch. 68, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 875-886.
170. Rina, K., **Eslamian, S.**, Tyagi, G., and Singh, N., 2015, Feasibility Studies for Water Reuse Systems, Urban Water Reuse Handbook, Ch. 71, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 909, 926.
171. Salequzzaman, MD., Tariqul Islam, S. M., Shiddi quzzaman, M., and **Eslamian, S.**, 2015. Climate Change Adaptation and Water Reuse, Urban Water Reuse Handbook, Ch. 75, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 969-980.
172. Kumar Goyal, M., Singh, V., and **Eslamian, S.**, 2015, Impact of Climate Change on Drinking Water, Urban Water Reuse Handbook, Ch. 76, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 981-1006.
173. Hamdy, A. and **Eslamian, S.**, 2015, Sustainable Reuse and Recycling of Treated Urban Wastewater, Urban Water Reuse Handbook, Ch. 80, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 1039-1054.
174. Thakur, J. K., Karmacharya, S., Singh, P., Gurung, D., and **Eslamian, S.**, 2015, Water Reuse Products in Urban Areas, Urban Water Reuse Handbook, Ch. 81, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 1055-1070.
175. **Eslamian, S.**, Sayahi, M., and Khosravi, B., 2015, Conjunctive Use of Water Reuse and Urban Water, Urban Water Reuse Handbook, Ch. 82, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 1071-1078.
176. Irfan, Z. B., and **Eslamian, S.**, 2015, Urban Water Reuse Policy, Urban Water Reuse Handbook, Ch. 83, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 1079-1096.
177. **Eslamian, S.**, Okhravi, S., and Reyhani, M. N., 2015, Urban Water Reuse: Future Policies and Outlooks, Urban Water Reuse Handbook, Ch. 84, Ed. By Eslamian, S., Taylor and Francis, CRC Group, 1097-1104.
178. **Eslamian, S.**, Okhravi, S. and F. Eslamian, 2014, Groundwater–Surface Water Interactions, in Handbook of Engineering Hydrology, Ch. 13, Vol. 1: Fundamentals and Applications, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 251-279.
179. Vafakhah, M., **Eslamian, S.** and Khosrobeigi Bozchaloei, S., 2014, Low-Flow Hydrology, in Handbook of Engineering Hydrology, Ch. 20, Vol. 1: Fundamentals and Applications, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 433-453.
180. Cox, J. P., Shaeri Karimi, S. and **Eslamian, S.**, 2014, Optimum Hydrometric Site Selection, in Handbook of Engineering Hydrology, Ch. 22, Vol. 1: Fundamentals and Applications, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 471-483.
181. **Eslamian, S.** and Motevallian, S. S., 2014, Sustainability in Urban Water System, in Handbook of Engineering Hydrology, Ch. 27, Vol. 1: Fundamentals and Applications, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 549-562.
182. Noor Islam, S., Karim, R., Noor Islam, A., and **Eslamian, S.**, 2014, Wetland Hydrology, in Handbook of Engineering Hydrology, Ch. 29, Vol. 1: Fundamentals and Applications, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 581-605.
183. Gargouri-Ellouze, E. and **Eslamian, S.** 2014, Application of Copulas in Hydrology: Geomorphological Instantaneous Unit Hydrograph and Intensity Index of Infiltration Frequency, in Handbook of Engineering Hydrology, Ch. 1, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 1-18.
184. Mujere, N. and **Eslamian, S.** 2014, Climate Change Impacts on Hydrology and Water Resources, in Handbook of Engineering Hydrology, Ch. 7, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 113-126.
185. Farzaneh, M. R., **Eslamian, S.** and Mirnezami, S. J. E. 2014, Climate Change: Uncertainty, Impact, and Adaptation, in Handbook of Engineering Hydrology, Ch. 8, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 127-146.

186. Goodarzi, E. and **Eslamian, S.** 2014, Dam Risk and Uncertainty, in Handbook of Engineering Hydrology, Ch. 9, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 147-171.
187. Fakhri, M., Dokohaki, H., **Eslamian, S.**, Fazeli Farsani, I. and Farzaneh, M. R. 2014, Flow and Sediment Transport Modeling in Rivers, in Handbook of Engineering Hydrology, Ch. 13, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 233-275.
188. Matouq, M., Al-Bilbisi, H., El-Hasan, T. and **Eslamian, S.** 2014, GIS Applications in a Changing Climate, in Handbook of Engineering Hydrology, Ch. 15, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 297-312.
189. Noor Islam, S., Gnauck, A., Voigt, H.-J. and **Eslamian, S.**, 2014, Hydrological Changes in Mangrove Ecosystems, in Handbook of Engineering Hydrology, Ch. 18, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 353-373.
190. Kałuża, T. and **Eslamian, S.** 2014, Impact of the Development of Vegetation on Flow Conditions and Flood Hazards, in Handbook of Engineering Hydrology, Ch. 21, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 415-449.
191. Rahman, A., Haddad, Kh. and **Eslamian, S.** , 2014, Regional Flood Frequency Analysis, 2014, in Handbook of Engineering Hydrology, Ch. 22, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 451-469.
192. Vafakhah, M. and **Eslamian, S.** 2014, Regionalization of Hydrological Variables, in Handbook of Engineering Hydrology, Ch. 23, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 471-499.
193. Chowdhury, R. K. and **Eslamian, S.** 2014, Statistical Parameters Used for Assessing Hydrological Regime, in Handbook of Engineering Hydrology, Ch. 26, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 537-551.
194. Mujere, N. and Eslamian, S. 2014, Impact of Urbanization on Runoff Regime, in Handbook of Engineering Hydrology, Ch. 29, Vol. 2: Modeling, Climate Changes and Variability, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 605-615.
195. Gaaloul, N. and **Eslamian, S.**, 2014, Artificial Recharge Experiences in Semiarid Areas, in Handbook of Engineering Hydrology, Ch. 2, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 17-49.
196. Amininezhad, S. M., Amininejad, S. M., and **Eslamian, S.**, 2014, Disinfection of Water and Nanotechnology, in Handbook of Engineering Hydrology, Ch. 3, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 51-64.
197. Shaeri Karimi, S., Yasi, M., Cox, J. P., and **Eslamian, S.**, 2014, Environmental Flows, in Handbook of Engineering Hydrology, Ch. 5, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 85-104.
198. **Eslamian, S.**, Malekian, R., and Amiri, M. J. 2014, Environmental Nanotechnology, in Handbook of Engineering Hydrology, Ch. 6, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 105-118.
199. Deiminiat, A., and **Eslamian, S.**, 2014, River Managed System for Flood Defense, in Handbook of Engineering Hydrology, Ch. 14, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 299-314.
200. Deiminiat, A., Hassan Shojaee Siuki, and **Eslamian, S.** 2014, Tourism and River Environment, in Handbook of Engineering Hydrology, Ch. 20, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 401-419.
201. Green, C. and **Eslamian, S.**, 2014, Water Governance, in Handbook of Engineering Hydrology, Ch. 24, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 461-483.
202. Eslamian, F. and **Eslamian S.**, 2014, Water Pollution Control Using Low-Cost Natural Wastes, in Handbook of Engineering Hydrology, Ch. 25, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 485-499.
203. He, Ch., Zhang, L., Zhang, X., and **Eslamian, S.**, 2014, Water Security: Concept, Measurement, and Operationalization, in Handbook of Engineering Hydrology, Ch. 28, Vol. 3: Environmental Hydrology and Water Management, Ed. By Eslamian, S., Francis and Taylor, CRC Group, USA, 545-554.
204. Fakhri, M., Farzaneh, M. R., **Eslamian S.** and Nazari, R., 2013, Wind speed regionalization under climate change conditions, Chapter 10, New Developments in Renewable Energy by H. Arman & I. Yukcel, 215-236.
205. Nazari, R., Khanbilvardi, R., Hoyos, S., and **Eslamian, S.**, 2013, Freshwater Demands and Storages, Encyclopedia of Crises Management, In Penuel, K.B., Statler, M., and Hagen, R. (eds.), Sage Publication, USA, 425-430.
206. **Eslamian, S.**, 2012, Forecasting, Encyclopedia of Energy, Salem Press, USA, 461-464.
207. **Eslamian, S.**, 2012, Iran, Encyclopedia of Energy, Salem Press, USA, 708-713.
208. **Eslamian, S.** and Nazari, R., 2012, Nebraska, Encyclopedia of Energy, Salem Press, USA, 889-893.
209. Nazari, R., **S. Eslamian** and R. Khanbilvardi, 2012, Water Reuse and Sustainability, Chapter 11, in Ecological Water Quality-Water Treatment and Reuse by K. Voudouris and D. Vousta, InTech, 241-254.
210. **Eslamian, S. S.**, Gilroy K. L. and R. H. McCuen, 2011, Climate Change Detection and Modeling in Hydrology, Ch. 5 in "Climate Change – Research and Technology For Adaptation and Mitigation" Edited by J. Blanco and H. Kheradmand, InTech, 87-100.

211. Bayat, M., **Eslamian, S.** et al., 2019, The 3D analysis and estimation of transient seepage in earth dams through PLAXIS 3D Software - neural network, Case Study: Kord –Oliya Dam, Isfahan province, Iran, *Environmental Earth Science*, Accepted, DOI: 10.1007/s12665-019-8405-y.
212. **Eslamian, S.**, Reyhani, M. N., Syme, G., 2019, Building Socio-Hydrological Resilience: from Theory to Practice, *Journal of Hydrology*, 575, 930-932.
213. Radmanesh, F., Saeidipour, M., **Eslamian, S.**, Sharifi, M. R., 2019, Meteorological Drought Monitoring Using the Multivariate Index of SPEI (Case Study: Karun Basin), *AUT J. Civil Eng.*, 3(1), 133-136.
214. Okhravi, S. S., **Eslamian, S. S.** and Dalezios, N.R., 2019, Reducing water shortage crisis through rainwater reuse: lessons learned from ancient toward integrated technology. *International Journal of Hydrology Science and Technology*, Accepted.
215. Javadinejad, S., Ostad-Ali-Askari, K., **Eslamian, S.**, 2019, Application of Multi-Index Decision Analysis to Management Scenarios Considering Climate Change Prediction in the Zayandeh Rud River Basin, *Water Conservation Science and Engineering*, 4, 53–70
216. Dehghan, Z., **Eslamian, S. S.**, Fathian, F., Modarres, R., 2019, Regional frequency analysis with development of region-of-influence
217. approach for maximum 24-h rainfall case study: Urmia Lake Basin, *MOD: Theoretical and Applied Climatology*, 126(3–4), 1483–1494
218. Jeihouni, E., **Eslamian, S.**, Mohammadi, M., Zareian, M. J., 2019, Simulation of groundwater level fluctuations in response to main climate parameters using a wavelet-ANN hybrid technique for the Shabestar Plain, Iran, *Environmental Earth Science*, 78, 293.
219. Amini, M. A., Torkan, Gh., **Eslamian, S.**, Zareian, M. J., Adamowaski, J. F., 2019, Analysis of deterministic and geostatistical interpolation techniques for mapping meteorological parameters at large watershed scales, *Acta Geophysica*, 67(1), 191-203.
220. Amiri, M.J., Zarei, A.R., Abedi-Koupai, J. and **Eslamian, S.**, 2019, The performance of fuzzy regression method for estimating of reference evapotranspiration under controlled environment, *International Journal of Hydrology Science and Technology*, 9(1): pp.28–38.
221. Ghorbani, K., Salarijazi, M., Abdolhosseini, M., **Eslamian, S.** and Ahmadianfar, I., 2019, Evaluation of Clark IUH in rainfall-runoff modelling (case study: Amameh Basin), *International Journal of Hydrology Science and Technology*, 9(2): 137–153.
222. Goodarzi, M. and **Eslamian, S.**, 2018, Evaluation of WhAEM and MODFLOW models to determine
223. the protection zone of drinking wells, *Environmental Earth Sciences* (2019) 78:195.
224. Naghibi, S.A., Vafakhah, M., Moghaddam Nia, A. and **Eslamian, S.**, 2018, Evaluation of some probability distribution functions for derivation of unit hydrograph in the Bar Watershed, Iran, *International Journal of Hydrology Science and Technology*, 8(2): 134–147.
225. Ostad-Ali-Askari, K., Shayannejad, M., **Eslamian, S.** and Navabpour, B. 2018, Comparison of solutions of Saint-Venant equations by characteristics and finite difference methods for unsteady flow analysis in open channel', *Int. J. Hydrology Science and Technology*, 8(3): 229–243.
226. Sedghamiz, A., Heidarpour, M., Nikoo, M. R., **Eslamian, S.**, 2018, A Game Theory Approach for Conjunctive Use Optimization Model Based on Virtual Water Concept, *Civil Engineering Journal*, 4(6): 1315-1325.
227. Amamra, A., Khanchoul, K., **Eslamian, S.** and Hadj Zobir, S., 2018, Suspended sediment estimation using regression and artificial neural network models: Kebir watershed, northeast of Algeria, North Africa, *International Journal of Hydrology Science and Technology*, 8(4): 352–371.
228. Dalezios, N.R., Dercas, N. and **Eslamian, S.S.**, 2018, Water scarcity management: part 2: satellite-based composite drought analysis, *International Journal of Global Environmental Issues*, 17(2/3): 262–295.
229. Dalezios, N.R., Angelakis, A.N. and **Eslamian, S.S.**, 2018, Water scarcity management: part 1: methodological framework', *International Journal of Global Environmental Issues*, 17(1): 1–40.
230. Amiri, M.J., Abedi-Koupai, J. and **Eslamian, S.**, 2018, Comparison of reference evapotranspiration inside and outside the glasshouse', *International Journal Global Environmental Issues*, 17 (4): 297–306.
231. Sharifi Garmdareh, E., Vafakhah, M., **Eslamian, S.**, 2018, Regional flood frequency analysis using support vector regression in the arid and semi- arid regions of Iran, *Hydrological Sciences Journal*, 63(3): 426-440.
232. Goodarzi, M. and **Eslamian, S.**, 2018, Performance evaluation of linear and nonlinear models for the estimation of reference evapotranspiration, *International Journal of Hydrology Science and Technology*, 8(1): 1–15.
233. Gil, A., Amiri, M.J., Abedi-Koupai, J., **Eslamian, S.**, 2018, Adsorption/reduction of Hg(II) and Pb(II) from aqueous solutions by using bone ash/nZVI composite: effects of aging time, Fe loading quantity and co-existing ions, *Environ. Sci. Pollution Res.*, 23 (2018) 2814–2829.
234. **Eslamian, S.**, Dalezios, N. R., Esmaeili, Kh., Rajei-Rizi, F., Azam, N., Heydarian, A., Zargar, M., Ostad-Ali-Askari, K., 2017, Risk Management In Global Warming, *Journal of flood Engineering*, 8(2), 135–147.
235. Mirramazani, S. M., Javadinejad, S., **Eslamian, S.** and Ostad-Ali-Askari, K., 2017, The origin of river sediments, the associated dust and climate change, *Journal of flood Engineering*, 8(2), 149-172.
236. Dalezios, N. R., **Eslamian, S.**, Trepekli, K. and Faraslis, G., 2017, Current Status of Extreme Global Climate Parameters In The Context of Risk Evaluation and Governance, *Journal of flood Engineering*, 8(2), 173-202.
237. Shojaei, P., Gheysari, M., Myers, B., **Eslamian, S.**, Shafieiyoun, E., Esmaeili, H., 2017, Effect of different land cover/use types on canopy layer air temperature in an urban area with a dry climate, *Building and Environment*, 125, 451-463.
238. Rahimian, M. H., Shayannejad, M., **Eslamian, S.**, Gheysari, M. and Jafari, R., 2017, SEBAL application to estimate water use efficiency of Pistachio trees in saline condition (case study: Bahadoran Plain,Iran). *Journal of Biodiversity and Environmental Sciences*, 10(6), 248-257

239. Okhravi, S. S., **Eslamian, S. S.** and Fathianpour, N. 2017, Assessing the effects of flow distribution on the internal hydraulic behaviour of a constructed horizontal sub-surface flow wetland using a numerical model and a tracer study. *Ecology and Hydrobiology*, 17(4): 264-273.
240. Dehghan, Z., Eslamian, S. S., Modarres, R., 2017, Spatial clustering of maximum 24-h rainfall over Urmia Lake Basin by new weighting approaches, *International Journal of Climatology*, 38: 2298-2313.
241. Sayahi, M., Eslamian, S., Abedi-Koupai, J., 2017, Performance of hematite-grafted nonwoven geotextile layer for treatment of wastewater in SAT system: a columns study, *Desalination and Water Treatment*, 98,182–189.
242. Amiri, M.J., Abedi-Koupai, J., **Eslamian, S.**, 2017, Adsorption of Hg(II) and Pb(II) ions by nanoscale zero valent iron supported on ostrich bone ash in a fixed-bed column system, *Water Science and Technology*, 76(3): 671-682.
243. Shojaei, N., Shafaei-Bejestan, M., **Eslamian, S.**, Marani-Barzani, M., P. Singh V., Kazemi, M., Ostad-Ali-Askari, K., 2017, Assessment of Drainage Slope on the Manning Coarseness Coefficient in Mountain Area. *International Journal of Constructive Research in Civil Engineering*, 3(1): 33-40.
244. Bahmanpour, H., Awhadi, S., Enjili, J., **Eslamian, S.**, Ostad-Ali-Askari, K., 2017, Optimizing Absorbent Bentonite and Evaluation of Contaminants Removal from Petrochemical Industries Wastewater, *International Journal of Constructive Research in Civil Engineering*, 3(2): 34-42.
245. Shayannejad, M., **Eslamian, S.**, Gandomkar, A., Marani-Barzani, M., Amoushahi-Khouzani, M., Majidifar, Z., Rajaei-Rizi, F., Kazemi, M., P. Singh, V., Dehghan, SH., Shirvani-Dastgerdi, H. R., Norouzi, H., Ostad-Ali-Askari, K., 2017, A Proper Way to Install Trapezoidal Flumes for Measurements in Furrow Irrigation Systems, *International Journal of Research Studies in Agricultural Sciences*, 3(7): 1-5.
246. Dehghan, Sh., Kamaneh, S. A. A., **Eslamian, S.**, Gandomkar, A., Marani-Barzani, M., Amoushahi-Khouzani, M., Singh, V. P., Ostad-Ali-Askari, K. 2017, Changes in Temperature and Precipitation with the Analysis of Geomorphic Basin Chaos in Shiraz, Iran. *International Journal of Constructive Research in Civil Engineering*, 3(2): 50-57.
247. Shayannejad, M., Ostad-Ali-Askari, K., Ramesh, A., Singh, V.P., **Eslamian, S.** 2017, Wastewater and Magnetized Wastewater Effects on Soil Erosion in Furrow Irrigation, *International Journal of Research Studies in Agricultural Sciences*, 3(8): 1-14.
248. Shayannejad, M., Soltani-Toudeshki, A. R., Arab, M. A., **Eslamian, S.**, Amoushahi-Khouzani, M., Marani-Barzani, M., Ostad-Ali-Askari, K., 2017, A Simple Method for Land Grading Computations and its Comparison with Genetic Algorithm (GA) Method, *International Journal of Research Studies in Agricultural Sciences*, 3(8): 26-38.
249. Mohieyimen, P., **Eslamian, S.**, Ostad-Ali-Askari, K., Soltani, M., 2017, Climate Variability: Integration of Renewable Energy into Present and Future Energy Systems in Designing Residential Buildings, *International journal of Rural Development, Environment and Health Research*, 1(2): 18-30.
250. Shayannejad, M., Ostad-Ali-Askari, K., **Eslamian, S.**, et al., 2017, Flow Hydraulic Investigation of the Wastewater on the Soil and Magnetic Field Effects in this Field, *International Journal of Constructive Research in Civil Engineering*, 3(3): 1-15.
251. Shayannejad, M., **Eslamian, S.**, Singh, V. P., Ostad-Ali-Askari, K., et al. 2017, Evaluation of Groundwater Quality for Industrial Using GIS in Mountainous Region of Isfahan Province, Koh-Payeh, Isfahan, Iran, *International Journal of Constructive Research in Civil Engineering*, 3(3): 24-37.
252. **Eslamian, S.**, P. Singh, V., Ostad-Ali-Askari, K., Dalezios, N., Yihdego, Y., et al., 2017, Assessment of Aridity Using Geographical Information System in Zayandeh-Roud Basin, Isfahan, Iran. *International Journal of Mining Science*, 3(2): 49-61.
253. Askari, Z., Samadi-Boroujeni, H., Fattahi-Nafchi, R., Yousefi, N., **Eslamian, S.**, Ostad-Ali-Askari, K., P. Singh, V., Dalezios, N., 2017, Prediction Comparison of Flow Resistance in Channels with Rounded and Angular Coarse Rough Beds, *American Research Journal of Civil and Structural*, 3(1): 1-15.
254. Ghane, M., Alvankar, S.R., **Eslamian, S.**, Amoushahi-Khouzani, M., Gandomkar, A., Zamani, E., Marani-Barzani, M., Kazemi, M., Soltani, M., Dehghan SH., P. Singh V., Ostad-Ali-Askari, K., Haeri Hamedani M, Shirvani-Dastgerdi, H. R., Zalaki-Badil, N. 2017, Sensitivity Analysis of Runoff Model by SWAT to Meteorological Parameters: A Case Study of Kasillian Watershed, Mazandaran, Iran. *International Journal of Research Studies in Agricultural Sciences*, 3(10): 1-20.
255. Shayannejad, M., Abedi, M. S., Eslamian, S., Ostad-Ali Askari. K., Gandomkar, A, Cheng, A., et al. 2017, The Contribution of Artificial Charging in Optimal Exploitation of Water Resources, Isfahan, Iran. *International Journal of Mining Science*, 3(3): 9-20.
256. **Eslamian, S.**, Ostad-Ali Askari, K., et al. 2017, Guidelines to Optimal Design of Furrow Irrigation Based on Plants, Soil and Furrow Specifications. *International Journal of Constructive Research in Civil Engineering*, 3(4): 20-39.
257. **Eslamian, S.**, Gandomkar, A., Khademolhoseiny, A., Ostad-Ali Askari, K., et al. 2017, The Study on the Geo-Morphism Related Characteristics of Shiraz Geomorphic Basin, Fars Province, Iran, *International Journal of Mining Science*, 3(4): 10-23.
258. **Eslamian, S.**, Ostad-Ali Askari, K., P., Singh, V. , Dalezios, .N, Yihdego, Y., Matouq, M. 2017, A Review of Drought Indices. *International Journal of Constructive Research in Civil Engineering*, 3(4): 48-66.
259. Ghasemi-Zaniani, M., **Eslamian, S.**, Ostad-Ali Askari, K., P. Singh V. 2017, Irrigation with Waste Water Treated by Constructed Wetlands, *International Journal of Research Studies in Agricultural Sciences*, 3(11): 18-34.
260. Zalaki, N., Zohoorian-Pordel, M., Bornaa, R., Neisi, H., **Eslamian, S.**, Ostad-Ali-Askari, K., P. Singh V., et al., 2017, Assessment of Anthropogenic Influences on the Micro-Climature of Wetland Ecosystems: The Case of Hoor-Alazim Wetland in Iran, *International Journal of Mining Science*, 3(4): 34-51.
261. Hasheminasab, S. A, Pirnazar, M., Hasheminasab, S. H., Zand Karimi, A., **Eslamian, S.**, Ostad-Ali-Askari, K., P. Singh V., Dalezios N., 2017, Fire Risk Potential Checking in Forests using Fire Risk Model. *International Journal of Constructive Research in Civil Engineering*, 3(4): 67-75.
262. Ostad-Ali-Askari, K., **Eslamian, S.**, Namadi, A., Ghane, M., Gandomkar, A., Dehghan, Sh., Etebarian M. R, P., Singh V., R., Dalezios N., 2017, Reinforcing Liquefied Weak Soils Using Eco-Friendly Synthetic Polymers, *International Journal of Emerging Engineering Research and Technology*, 5(7): 30-42.

263. Ostad-Ali-Askari, K., **Eslamian, S.**, C. Crusberg, T., P. Singh V., Dalezios, N., et al., 2017, A Study on Optimization Solutions and Causes of Corrosion in Water Reservoirs, *International Journal of Emerging Engineering Research and Technology*, 5(10): 1-21.
264. Ostad-Ali-Askari, K., Eslamian, S., Crusberg T., P. Singh V., Dalezios N., et al. 2017, Qaleh - Jouq Watershed Park Executive Meteorological Phase Studies, Kermanshah Province, Iran, *International Journal of Emerging Engineering Research and Technology*, 5(10): 41-59.
265. Ostad-Ali-Askari, K., **Eslamian, S.**, C. Crusberg T, P. Singh V, R. Dalezios N, et al. 2017, Investigation of Wetland Performance for Sewage Treatment in Rural Areas. *International Journal of Emerging Engineering Research and Technology*, 5(11): 36-54.
266. Ostad-Ali-Askari, K., **Eslamian, S.**, C., Crusberg, T., P. Singh, V., Dalezios, N., et al. 2017, The Executive Phase of Flood Water Control Plan of Kangavar City, Kermanshah Province, Iran. *International Journal of Emerging Engineering Research and Technology*, 5(11): 1-20.
267. Ghane, M., Alvankar, S. R., **Eslamian, S.**, Ostad-Ali-Askari, K., Gandomkar, A., Dehghan. Sh., P. Singh V., Dalezios, N., 2017, A Study on the Effects of Earth Surface and Metrological Parameters on River Discharge Modeling Using SWAT Model, Case Study: Kasillian Basin, Mazandaran Province, Iran. *International Journal of Constructive Research in Civil Engineering*, 3(4): 99-120.
268. Zalaki-Badil, N., **Eslamian, S.**, Sayyad, Gh. A, Hosseini S. E, Asadilour, M., Ostad-Ali-Askari. K, P. Singh,V., Dehghan Sh. 2017, Using SWAT Model to Determine Runoff, Sediment Yield in Maroon-Dam Catchment. *International Journal of Research Studies in Agricultural Sciences*, 3(12): 31-41.
269. Ostad-Ali-Askari K., **Eslamian, S.**, C. Crusberg T, P. Singh V, R. Dalezios N, Ghane M, Dehghan SH., Ghanbari, A. H. 2017, The Executive Phase of Flood Water Control Plan of Kangavar City, Kermanshah Province, Iran. *International Journal of Emerging Engineering Research and Technology*, 5(11): 1-20.
270. Ostad-Ali-Askari, K., **Eslamian, S.**, Crusberg, T., P. Singh, V., R. Daleziosmn, N., Ghane, M., Taghipour N. 2017, Investigation of Wetland Performance for Sewage Treatment in Rural Areas. *International Journal of Emerging Engineering Research and Technology*, 5(11): 36-54.
271. Ostad-Ali-Askari, K., **Eslamian. S.**, C. Crusberg, T., P. Singh, V, R. Dalezios N, et al. 2017, Rotational Steady State Viscose for Buried Structures against Dynamic Loads with Integrating Seismic Damper of Jelly and Plasma Media. *International Journal of Research Studies in Science, Engineering and Technology*, 4(10): 37-57.
272. Ostad-Ali-Askari, K., **Eslamian, S.**, C. Crusberg T, P. Singh V, R. Dalezios N, et al. 2017, Management of the Vital Lines of Water and Waste Water. *International Journal of Emerging Engineering Research and Technology*, 5(12): 19-37.
273. Kamaneh S. A., Ghaderi, H., Dehghan, Sh., **Eslamian, S.**, Ostad-Ali-Askari K, P. Singh, V. 2017, Climatic Feedback and Geomorphology in Urban Development Planning: A Case Study of Shiraz Metropolis, Iran. *International Journal of Research Studies in Science, Engineering and Technology*, 4(11): 32-41.
274. **Eslamian, S.**, Amoushahi-Khouzani M., Malekpour, Babaahmadi, A., Ostad-Ali-Askari K, P. Singh V., Ghane, M. 2017, Investigation and Comparison of the Quantitative and Qualitative Frequency Distribution of the Rivers. *American Journal of Engineering and Applied Sciences*, 10 (4): 799.805.
275. Ostad-Ali-Askari K, Qasemy, Z., **Eslamian S**, Pirnazar M, Namadi A, P. Singh V, R. Dalezios N, Matouq M, Ghane, M, Khani S. 2017, Preparing A Land Cover Map with Emphasis on Green Space (Grass, Tree, Agriculture): by using Image Texture Filters in Panchromatic Band, Iran. *International Journal of Constructive Research in Civil Engineering*, 3(4): 132-147.
276. Marani-Barzani, M., **Eslamian, S.**, Ostad-Ali-Askari, K., Dehghan SH, P. Singh V., Bin Osman Salleh KH. 2017, A spatial vulnerability analysis of multi-hazard threat in ZayandehRoud basin in Isfahan, Isfahan Province, Iran. *Journal of Environmental Chemistry and Toxicology*, 1(1): 26-33.
277. Ghorbani, K., Salarijazi, M., Abdolhosseini, M. and **Eslamian, S.** 2017. Assessment of minimum variance unbiased estimator and beta coefficient methods to improve the accuracy of sediment rating curve estimation', *International Journal of Hydrology Science and Technology*, Vol. 7, No. 4, 350–363.
278. Motamedi, A., Galoie, M. and **Eslamian, S.** 2017. Investigation of boundary-layer separation using ADV and PIV over gravel fixed dunes', *International Journal Hydrology Science and Technology*, Vol. 7, No. 3, 228–239.
279. Hafshejani, A.S., Hajiannia, A. and **Eslamian, S.** 2017. Investigating the performance of Ogata-banks' one-dimensional dispersion equation in oil contamination dispersion in Bentonite soil, *International Journal of Global Energy Issues*, Vol. 40, No. 6, DOI: 10.1504/IJGEI.2017.089603.
280. Hafshejani, A.S., Hajiannia, A. and **Eslamian, S.** 2017. Effects of homogeneous hydrocarbon contamination on the bearing capacity of in-situ concrete piles buried in silty sand, *International Journal Hydrology Science and Technology*, Vol. 7, No. 2, 124–133.
281. Vanani, H.R., Shayannejad, M., Tudeshki, A.R.S., Ostad-Ali-Askari, K., **Eslamian, S.**, Mohri-Esfahani, E., Haeri-Hamedani, M. and Jabbari, H., 2017. Development of a new method for determination of infiltration coefficients in furrow irrigation with natural non-uniformity of slope. *Sustainable Water Resources Management*, 3(2): 163-169.
282. Zarei, A.R. and **Eslamian, S.**, 2017. Trend assessment of precipitation and drought index (SPI) using parametric and non-parametric trend analysis methods (case study: arid regions of southern Iran). *International Journal of Hydrology Science and Technology*, Vol. 7, No. 1, 12-38.
283. Nikzad, J., **Eslamian, S. S.**, Soleymannejad, M. and Karimpour, A, 2016. Numerical solution for one-dimensional Richards' equation using differential quadrature method, *Current Science*, Vol. 111, No. 6, 1028-1036.
284. Yousefi, N., Khodashenas, S. R., **Eslamian, S.** and Askari, Z. 2016. Estimating width of the stable channels using multivariable mathematical models, *Arab. J. Geosci.*, Vol. 9, No. 321, DOI 10.1007/s12517-016-2322-0.
285. Banihabib, M. E., Zahraei, A. and **Eslamian, S.**, 2016. Dynamic Programming Model for the System of a Non-Uniform Deficit Irrigation and a Reservoir. *Irrigation and Drainage*, Vol. 66, No. 1, 71–81
286. Zalewski, M., McClain, M. and **Eslamian, S.**, 2016. New challenges and dimensions of Ecohydrology–enhancement of catchments sustainability potential, *Ecohydrology and Hydrobiology*, 16, 1–3

287. Zalewski, M., McClain, M. and **Eslamian, S.**, 2016. Ecohydrology—the background for the integrative sustainability science, *Ecohydrology and Hydrobiology*, No. 16, 71–73.
288. Kouhestani, S., **Eslamian, S.S.**, Abedi-Koupai, J. and Besalatpour, A.A., 2016. Projection of climate change impacts on precipitation using soft-computing techniques: A case study in Zayandeh-rud Basin, Iran. *Global and Planetary Change*, No. 144, 158–170.
289. Teimouri, A., **Eslamian, S.** and Shabankare, A. 2016. Removal of Heavy Metals from Aqueous Solution by Red Alga *Gracilaria Corticata* as a New Biosorbent, *Trends in Life Science*, Vol. 5, No. 1, 236-243.
290. Amiri, M.J., Hamidifar, H., Bahrami, M. and **Eslamian, S.** (2016) 'Optimisation of deficit-irrigation under variable seasonal rainfall and planning scenarios for rice in a semi-arid region of Iran', *International Journal of Hydrology Science and Technology*, Vol. 6, No. 4, 331–343.
291. Salarijazi, M., Abdolhosseini, M., Ghorbani, K. and **Eslamian, S.** 2016, Evaluation of quasi-maximum likelihood and smearing estimator to improve sediment rating curve estimation', *International Journal of Hydrology Science and Technology*, Vol. 6, No. 4, 359–370.
292. Amiri, M.J., Bahrami, M., Hamidifar, H. and **Eslamian, S.**, 2016. Modification of furrow Manning's roughness coefficient estimation by finite difference technique under surge and continuous flow. *International Journal of Hydrology Science and Technology*, Vol. 6, No. 3, 226-237.
293. Zahraei, A., **Eslamian, S.** and Saadati, S., 2016. The effect of water extraction time from the river on the performance of off-stream reservoirs. *International Journal of Hydrology Science and Technology*, 6(3): 254-265.
294. Zareian, M. J. and **Eslamian, S.**, 2016, Variation of water resources indices in a changing climate, *International Journal of Hydrology Science and Technology*, Vol. 6, No. 2, 173 – 187.
295. Fathian, F., Dehghan, Z., **Eslamian, S.**, Adamowski, J., 2016, Assessing Irrigation Network Performance Based on Different Climate Change and Water Supply Scenarios: A Case Study in Northern Iran, *International Journal of Water*, Jan 2017, Vol. 11, No. 3, 191-208
296. Fathian, F., Dehghan, Z., **Eslamian, S.**, 2016, Evaluating the impact of changes in land cover and climate variability on streamflow trends (case study: eastern subbasins of Lake Urmia, Iran), *J. Hydrology Science and Technology*, Vol. 6, No. 1, 1-26.
297. Dalezios, N. R. and **Eslamian, S.**, 2016, Regional design storm of Greece within the flood risk management framework, *Int. J. Hydrology Science and Technology*, Vol. 6, No. 1, 82–102.
298. Seyedsalehi, M., Mousavian, S., **Eslamian, S.**, Shahmoradi, M. H., 2015, Removal efficiency of (AO7) Acid Orange 7 color using the advanced oxidation of modified UV/H₂O₂ with zero-valent iron, *Bulletin of Environment, Pharmacology and Life Sciences*, Bull. Env. Pharmacol. Life Sci., Vol. 4, No. 6, 140-149.
299. Kamali, M. I., Nazari, R., Fridhosseini, A., Ansari, H., **Eslamian, S.**, 2015, The Determination of Reference Evapotranspiration for Spatial Distribution Mapping Using Geostatistics, *Water Resources Management*, Vol. 29 (11), 3929–3940.
300. Talchabhadel, R., Shakya, N. M. Dahal, V., and **Eslamian, S.**, 2015, Rainfall Runoff Modelling for Flood Forecasting (A Case Study on West Rapti Watershed), *Journal of Flood Engineering*, Vol. 6, No. 1, 53-61.
301. Yousefi, N., Safaee, A., **Eslamian, S.**, 2015, The Optimum Design of Flood Control System Using Multivariate Decision Making Methods (Case Study: Kan River Catchment Basin, Iran), *Journal of Flood Engineering*, Vol. 6, No. 1, 63-82.
302. Banihabib, M. E., Zahraei, A. and **Eslamian, S.**, 2015, An integrated optimization model of reservoir and irrigation system applying uniform deficit irrigation, *Int. J. Hydrology Science and Technology*, Vol. 5, No. 4, 372–385.
303. Fathian, F., Prasad, A. D., Dehghan, Z., **Eslamian, S.**, 2015, Influence of land use/land cover change on land surface temperature using RS and GIS techniques, *Int. J. Hydrology Science and Technology*, Vol. 5, No. 3, 195–207.
304. Abedi-koupai, J., Mollaei, R., **Eslamian, S. S.**, 2015, The effect of pumice on reduction of cadmium uptake by spinach irrigated with wastewater, *Ecohydrology and Hydrobiology*, Vol. 15, No. 4, 208-214.
305. Valipour, M., Gholami Sefidkouhi, M. A., **Eslamian, S.**, 2015, Surface irrigation simulation models: a review, *Int. J. Hydrology Science and Technology*, Vol. 5, No. 1, 51-70.
306. Esmailzadeh, M., Heidarpour, M., **Eslamian, S.**, 2015, Flow characteristics of sharp-crested side sluice gate, *ASCE's Journal of Irrigation and Drainage Engineering*, Vol. 141, No. 7, 10.1061/(ASCE)IR.1943-4774.0000852.
307. Zareian, M. J., **Eslamian, S.** and Safavi, H. R., 2015, A modified regionalization weighting approach for climate change impact assessment at watershed scale, *Theor. Appl. Climatol.*, 122:497-516.
308. Boucefiane A., Meddi M., Laborde J. P., **Eslamian S. S.**, 2014, Rainfall Frequency Analysis Using Extreme Values, Distributions In the Steppe Region of Western Algeria, *Int. J. Hydrology Science and Technology*, Vol. 4, No. 4, 348-367.
309. Valipour, M., **Eslamian, S.**, 2014, Analysis of potential evapotranspiration using 11 modified temperature-based models, *Int. J. Hydrology Science and Technology*, Vol. 4, No. 3, 192-207.
310. Meddi, M., Toumi, S., Assani, A. A., **Eslamian, S.**, 2014, Regionalization of Rainfall Erosivity in Northern Algeria, *Int. J. Hydrology Science and Technology*, Vol. 4, No. 2, 155-175.
311. Zohrabi, N., Massah Bavani, A., Goodarzi, E., **S. Eslamian**, 2014, Attribution of temperature and precipitation changes to greenhouse gases in northwest Iran, *Quaternary International*, Vol. 345, 130-137.
312. Farshad F., Dehghan, Z., **Eslamian, S.**, H. Bazrkar, 2016, Trends in hydrologic and climatic variables affected by four variations of Mann-Kendall approach in Urmia Lake basin, Iran, *Hydrological Sciences Journal*, 61(5): 892-904.
313. Fazlollahi, H. and **S. S. Eslamian**, 2014, Using wetland plants in nutrient removal from municipal wastewater, *Int. J. Hydrology Science and Technology*, Vol. 4, No. 1, 68–80.
314. Farshad F., Dehghan, Z. and **S. Eslamian**, 2014, Analysis of Water Level Changes in Lake Urmia Based on Data Characteristics and Nonparametric Test, *Int. J. Hydrology Science and Technology*, Vol. 4, No. 1, 18–38.

315. Galoie, M., **Eslamian, S.**, and A. Motamedi, 2014, An Investigation of the Influence of a Retention Dam on Flood Control In a Small Catchment Area in Austria, *Journal of Flood Engineering*, Vol. 5, No. 1/2, 1–15.
316. Okhravi, S., **Eslamian, S.**, Eslamian, F. and S. Tarkesh-Esfahani, 2014, Indigenous Knowledge as a Supportive Tool For Sustainable Development and Utilisation of Rainwater Harvesting Systems, *Journal of Flood Engineering*, Vol. 5, No. 1/2, 39–50.
317. Deiminiat, A. and **S. Eslamian**, 2014, A Telemetry And Tele Control System For Local Flood Warning, A Case Study, *Journal of Flood Engineering*, Vol. 5, No. 1/2, 87–100.
318. Biabanaki, M., **Eslamian, S.**, Abedi Koupai, J., Cañón, J., Boni, G. and M. Gheysari, 2014, A principal components/singular spectrum analysis approach to ENSO and PDO influences on rainfall in western Iran, *Journal of Hydrology Research*, Vol. 45, No. 2, 250-262.
319. Matouq, M., El-Hasan, T., Al-Bilbisi, H., Abdelhadi, M., Hindiyeh, M., **Eslamian, S.** and S. Duheisat, 2013, The climate change implication on Jordan: A case study using GIS and Artificial Neural Networks for weather forecasting, *Journal of Taibah University for Science*, Vol. 7, No. 2, 44-55.
320. Fazlollahi, H. and **S. S. Eslamian**, 2013, Nitrogen and Phosphorus removal from municipal wastewater by three wetland plant species, *Journal of River Engineering*, Vol. 1, No. 2., 14–20.
321. Bahmani, R., Radmanesh, F., **Eslamian, S.**, Khorsandi, M., Zamani, R., 2013, Proper Rainfall for Peak Flow Estimation by Integration of L-Moment Method and a Hydrological Model, *International Research Journal of Applied and Basic Sciences*, Vol. 4, No. 10, 2959-2967.
322. Fakhry, M., Farzaneh, M. R., **Eslamian, S. S.** and M. J. Khordadi, 2013, Confidence interval assessment to estimate dry and wet spells under climate change in Shahrekord Station, Iran, *ASCE, Journal of Hydrologic Engineering*, Vol. 18, No. 7, 911-918.
323. Abdolvandi, A. F., **Eslamian, S. S.**, Heidarpour, M., Babazadeh, H., Parsamehr, A., 2013, Simultaneous Simulation of both Surface and Groundwater Resources Using System Dynamics Approach (Case Study: Taleghan Dam), *Advances in Environmental Biology*, Vol. 7, No. 4, 562-570.
324. Bazrkar, M.H., Tavakoli-Nabavi, E., Zamani, N. and **Eslamian, S.**, 2013, System dynamic approach to hydro-politics in Hirmand transboundary river basin from sustainability perspective, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 4, 378–398.
325. Hadizadeh, R., **Eslamian, S.** and Chinipardaz, R., 2013, Investigation of long-memory properties in streamflow time series in Gamasiab River, Iran', *Int. J. Hydrology Science and Technology*, Vol. 3, No. 4, 319–350.
326. Zamani Nuri, A., Farzaneh, M. R., Fakhri, M., Dokoohaki, H., **Eslamian, S.** and Khordadi, M. J., 2013, Assessment of future climate classification on Urmia Lake basin under effect of climate change, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 2, 128-140.
327. Varshney, L., Saket, R. K. and **Eslamian, S.**, 2013, Power estimation and reliability evaluation of municipal waste water and self-excited induction generator-based micro hydropower generation system, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 2, 176-191.
328. Amiri, M. J., Abedi-Koupai, J., **Eslamian, S.**, Mousavi, S. F. and Arshadi, M., 2013, Modelling Pb(II) adsorption based on synthetic and industrial wastewaters by ostrich bone char using artificial neural network and multivariate non-linear regression, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 3, 221-240.
329. **Eslamian, S.**, Tarkesh Esfahany, S., Nasri, M. and Safamehr, M., 2013, Evaluating the potential of urban reclaimed water in area of north Isfahan, Iran, for industrial reuses, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 3, 257-269.
330. Ajjogh, E. and **Eslamian, S.**, 2013, Nyando catchment GIS modeling of flood in undated areas, *Journal of Flood Engineering*, Vol. 4, No. (1-2), 77–86.
331. Galoie, M., Zenz, G. and **Eslamian, S.**, 2013, Determining the high flood risk regions using a rainfall-runoff modeling in a small basin in catchment area in Austria, *Journal of Flood Engineering*, Vol. 4, No. (1-2), 9–27.
332. Bazrkar, M. H., Fathian, F., and **Eslamian, S.**, 2013, Runoff modeling in order to investigate the most effective factors in flood events using system dynamic approach (Case study: Tehran Watershed, Iran), *Journal of Flood Engineering*, Vol. 4, No. 1-2, 39–59.
333. Galoie, M., Zenz, G. and **Eslamian, S.**, 2013, Application of L-moments for IDF determination in an Austrian basin, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 1, 30-48.
334. Rostamian, R., **Eslamian, S.** and Farzaneh, M. R., 2013, Application of standardised precipitation index for predicting meteorological drought intensity in Beheshtabad watershed, central Iran, *Int. J. Hydrology Science and Technology*, Vol. 3, No. 1, 63-77.
335. Bahmani, R., Radmanesh, F., **Eslamian, S.**, Khorsandi, M. and Zamani, R., 2013, Proper Rainfall for Peak Flow Estimation by Integration of L-Moment Method and a hydrologic model, *International Research Journal of Applied and Basic Sciences*, Vol. 4 No. 10, 2959-2967.
336. Mirabbasi, R., Anagnostou, E. N., Fakheri-Fard, A. Dinpashoh, Y. and **Eslamian, S.**, 2013, Analysis of meteorological drought in northwest Iran using the Joint Deficit Index, *Journal of Hydrology*, Vol. 492, 35–48.
337. Gohari, A., **Eslamian, S.**, Mirchi, A., Abedi-Koupaei, J., Massah-Bavani, A., Madani, K., 2013, Water transfer as a solution to water shortage: A fix that can blackfire, *Journal of Hydrology*, Vol. 491, 23–39.
338. Haghiabi, A. H., Mohammadzadeh-Habili, J., **Eslamian, S. S.**, and S. F. Mousavi, 2013, Derivation of Ewsvior's Area-Capacity Equations Based on the Shape Factor, *Iranian Journal of Science and Technology*, Vol. 37, No. C1, 163-167.
339. Gohari, A., **Eslamian, S.**, Abedi-Koupaei, J., Massah-Bavani, A., Wang, D., Madani, K., 2013, Climate change impacts on crop production in Iran's Zayandeh-Rud River Basin. *Science of The Total Environment*, Vol. 442, 405-419.
340. Saatsaz, M., Azmin Sulaiman, W. N., **Eslamian, S.**, Javadi, S., 2013, Development of a coupled flow and solute transport modelling for Astaneh-Kouchesfahan groundwater resources, North of Iran, *International Journal of Water*, Vol. 7, No.1/2, 80 – 103.
341. Saatsaz, M., Azmin-Sulaiman, W. N., **Eslamian, S.**, Mohammadi, K., 2013, Hydrogeochemistry and groundwater quality assessment of Astaneh-Kouchesfahan Plain, Northern Iran, *International Journal of Water*, Vol. 7, No. 1/2, 44 – 65.
342. **Eslamian, S.**, Amiri, M. J., Abedi-Koupai, J. and S. Shaeri-Karimi, 2013, Reclamation of unconventional water using nano zero-valent iron particles: an application for groundwater, *International Journal of Water*, Vol. 7, No. 1/2, 1-13.
343. Amiri, M.J., Abedi-koupai, J., **Eslamian, S. S.**, Mousavi, S. F., Hasheminejad, H., 2013, Modeling Pb (II) adsorption from aqueous solution by ostrich bone ash using adaptive neural-based fuzzy inference system, *J Environ. Sci. Health A Tox. Hazard Subst. Environ. Eng.*, Vol. 48, No. 5: 543-58.

344. Biabanaki, M., Tabatabaei Naeini, A. and **S. S. Eslamian**, 2012, Effects of Urbanization on Stream Channels, *Journal of Civil Engineering and Urbanism (JCEU)*, Vo. 2, No. 4, 136-142.
345. Abdolhosseini, M., **Eslamian, S.**, Mousavi, S. F., 2012, Effect of climate change on potential evapotranspiration: a case study on Gharehsoo sub-basin, Iran, Vol. 2 No. 4, 362-372.
346. Farzaneh, M. R., **Eslamian, S. S.**, Samadi, Z. and A. Akbarpour, 2012, An appropriate general circulation model (GCM) to investigate climate change impact, *International Journal of Hydrology Science and Technology*, Vol. 2, No. 1, 34-47.
347. **Eslamian, S.**, Abedi-Koupai, J. and M. J. Zareian., 2012, Measurement and modelling of the water requirement of some greenhouse crops with artificial neural networks and genetic algorithm, *International Journal of Hydrology Science and Technology*, Vol. 2, No. 3, 237-251.
348. Sadeghi, S. H., Mousavi, S. F., **Eslamian, S. S.**, Ansari, S. and F. Alemi, 2012, A Unified Approach for Computing Pressure Distribution in Multi-Outlet Irrigation Pipelines, *Iranian Journal of Science and Technology*, Vol. 36, No. C2, 209-223.
349. Alaghmand, S., Bin Abdullah, R., Abustan, I. and **S. Eslamian**, 2012, Comparison between capabilities of HEC-RAS and MIKE11 hydraulic models in river flood risk modeling (a case study of Sungai Kayu Ara River basin, Malaysia), *International Journal of Environmental Science and Technology*, Vol. 2, No. 3, 270-291.
350. Galoie, M., Zenz, G., **S. Eslamian** and A. Motamedi., 2012, Numerical simulation of flood due to dam-break flow using an implicit method, *International Journal of Environmental Science and Technology*, Vol. 2, No. 2, 117-137.
351. Ghazavi, R., A. B. Vali and **S. Eslamian**, 2012, Impact of Flood Spreading on Groundwater Level Variation and Groundwater Quality in an Arid Environment, *Water Resource Management*, Vol. 26, No. 6, 1651-1663.
352. Fakhri, M., Farzaneh, M. R., **Eslamian, S.** and M. J. Khordadi, 2012, Uncertainty Assessment of Downscaled Rainfall: Impact of Climate Change on the Probability of Flood, *Journal of Flood Engineering*, Vol. 3, No. 1, 19-28.
353. Gholami. A., Mahdavi, M. and **S. Eslamian**, 2012, Probability Distribution Choices for Minimum, Mean and Maximum Discharges, by L-Moments in Mazandaran Province, IRAN, *Journal of Flood Engineering*, Vol. 3, No. 1, 83-92.
354. Shaeri karimi, S., Yasi, M. and **S. S. Eslamian**, 2012, Use of Hydrological Methods for Assessment of Environmental Flow in a River Reach, *International Journal of Environmental Science and Technology*, 9(3), pp 549-558.
355. **Eslamian, S. S.**, Hassanzadeh, H., Abedi-Koupai, J. and M. Gheysari, 2012, Application of L-moments for Regional Frequency Analysis of Monthly Drought Indices, *Journal of Hydrologic Engineering*, Vol. 17, No. 1, 32-42.
356. Farzaneh, M. R., **Eslamian, S. S.**, Samadi, Z. and A. Akbarpour, 2012, An appropriate general circulation model (GCM) to investigate climate change impact, *International Journal of Hydrology Science and Technology*, Vol. 2, No. 1, 34-47.
357. **Eslamian, S. S.**, Khordadi, M. J. and J. Abedi-Koupai, 2011, Effects of Variations In Climatic Parameters on Evapotranspiration In the Arid and Semi-Arid Regions, *Global and Planetary Change*, Vol. 78, 188-194.
358. **Eslamian, S. S.** and M. J. Amiri, 2011, Estimation of daily pan evaporation using adaptive neural-based fuzzy inference system, *International Journal of Hydrology Science and Technology*, Vol. 1, Nos. 3/4, 164-175.
359. **Eslamian, S. S.**, Shaeri Karimi S. and F. Eslamian, 2011, A country case study comparison on Groundwater and Surface Water Interaction, *International Journal of Water*, Vol. 6, Nos. 1/2, 117-136.
360. **Eslamian, S. S.**, Gohari, A., Zareian M. J. and A. Firoozfar, 2012, Estimating Penman-Monteith Reference Evapotranspiration Using Artificial Neural Networks and Genetic Algorithm: A Case Study, *The Arabian Journal for Science and Engineering*, Vol. 37, No. 4, 935-944.
361. Hassanzadeh, H., **Eslamian, S. S.**, Abedi-Koupai, J. and M. Gheysari, 2011, Application of L-moment for evaluating drought indices of cumulative precipitation deficit (CPD) and maximum precipitation deficit (MPD) based on regional frequency analysis, *International Journal of Hydrology Science and Technology*, Vol. 1, Nos. 1/2, 88-104.
362. Alipour, M. H., Shamsai, A., **Eslamian, S. S.** and R. Ghasemizadeh, 2011, A new fuzzy technique to find the optimal solution in flood management, *Journal of Flood Engineering*, Vol. 2, No. 1, 1-9.
363. Ghasemizade, M., Mohammadi K., and **S. S. Eslamian**, 2011, Estimation of design flood hydrograph for an ungauged watershed, *Journal of Flood Engineering*, Vol. 2, No. 1/2, 27-36.
364. Dhital, Y. P., Kayastha, R. B. and **S. S. Eslamian**, 2011, Precipitation and discharge pattern analysis: a case study of Bagmati River basin, Nepal, *Journal of Flood Engineering*, Vol. 2, No. 1, 49-60.
365. Saatsaz, M., Sulaiman, W.N.A. and **S. S. Eslamian**, 2011, GIS DRASTIC model for groundwater vulnerability estimation of Astaneh-Kouchesfahan Plain, Northern Iran, *International Journal of Water*, Vol. 6, No. 1/2, 1-14.
366. Saatsaz, M., Chitsazan, M., **Eslamian, S. S.** and W.N.A. Sulaiman, 2011, The application of groundwater modelling to simulate the behaviour of groundwater resources in the Ramhormooz Aquifer, Iran, *International Journal of Water*, Vol. 6, Nos. 1/2, 29-42.
367. Kambona, O. O., Stadel, C. and **S. S. Eslamian**, 2011, Perceptions of tourists on trail use and management implications for Kakamega Forest, Western Kenya, *Journal of Geography and Regional Planning* Vol. 4, No. 4, 243-250.
368. Malekian, R., Abedi-Koupai, J. , **Eslamian, S. S.**, Mousavi, S. F., Abbaspour, K. C. and M. Afyuni, 2011, Ion-exchange process for ammonium removal and release using natural Iranian zeolite, *Applied Clay Science*, Vol. 51, 323-329.
369. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2011, Influences of clinoptilolite and surfactant-modified clinoptilolite zeolite on nitrate leaching and plant growth, *Journal of Hazardous Materials*, Vol. 185, 970-976.
370. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2011, Use of Zeolite and Surfactant Modified Zeolite as Ion Exchangers to Control Nitrate Leaching, *World Academy of Science, Engineering and Technology*, Vol. 76, 657-661.
371. Zaky, M. M. M., Salem, M. A. M., Persson, K. M. M. and **S. S. Eslamian**, 2011, Incidence of *Aeromonas* species isolated from water and fish sources of Lake Manzala in Egypt, *International Journal of Hydrology Science and Technology*, Vol. 1, Nos. 1/2, 47-62.
372. Khorsandi, Z., Mahdavi, M., Salajeghe, A. and **S. S. Eslamian**, 2011, Neural Network Application For Monthly Precipitation Data Reconstruction, *Journal of Environmental Hydrology*, Vol. 19, Paper 5, 1-12.

373. **Eslamian, S. S.**, 2010, The Physically-Statistically Based Region of Influence Approach For Flood Regionalization, *Journal of Flood Engineering*, Vol. 1, No. 2, 149-158.
374. **Eslamian, S. S.**, 2010, Flood Regionalization Using a Modified Region of Influence Approach, *Journal of Flood Engineering*, Vol. 1, No. 1, 51-66.
375. **Eslamian, S. S.**, Ghasemizadeh, M., Biabanaki, M. and M. Talebizadeh, 2010, A principal component regression method for estimating low flow index, *Water Resources Management*, Vol. 24, No. 11, 2553-2566.
376. Amiri, M. J. and **S. S. Eslamian**, 2010, Investigation of climate change in Iran, *Journal of Environmental Science and Technology*, Vol. 3, No. 4, 208-216.
377. Ghazavi, R., Vali, A. B. and **S. S. Eslamian**, 2010, Impact of flood spreading on infiltration rate and soil properties in an arid environment, *Water Resources Management*, Vol. 24, No. 11, 2781-2793.
378. Rajabi, A., Sedghi, H., **Eslamian, S. S.** and H. Musavi, 2010, Comparison of Lars-WG and SDSM downscaling models in Kermanshah (Iran), *Ecol. Env. & Cons.*, Vol. 16, No. 4, 1-7.
379. Rahnamai Zekavat, P., Ghasemizadeh, R., **Eslamian, S. S.** and S. Tarkesh Isfahani, 2010, Classification Of Flash Flood Caused By Dam Breach, *Journal of Flood Engineering*, Vol. 1, No. 2, 175-184.
380. Chavoshi Borujeni, S., Sulaiman, W. N. A. and **S. S. Eslamian**, 2010, Regional Flood Frequency Analysis Using L-Moments for North Karoon Basin Iran, *Journal of Flood Engineering*, Vol. 1, No. 1, 67-76.
381. Kloub, N., Matouq, M., Krishan, M., **Eslamian, S. S.** and M. Abdelhadi, 2010, Monitoring of Water Resources Degradation at Al-Azraq Oasis, Jordan Using Remote Sensing and GIS Techniques, *International Journal of Global Warming*, Vol. 2, No. 1, 1-16.
382. Akhavan S., Abedi-Koupai, J., Mousavi, S. F., Afyuni, M., **Eslamian, S. S.** and K. C. Abbaspour, 2010, Application of SWAT model to investigate nitrate leaching in Hamadan-Bahar Watershed, Iran, *Agriculture, Ecosystems and Environment*, Vol. 139, 675-688.
383. **Eslamian, S. S.**, Abedi-Koupai, J., Amiri, M. J., and A. R. Gohari, 2009, Estimation of Daily Reference Evapotranspiration Using Support Vector Machines and Artificial Neural Networks in Greenhouse, *Research Journal of Environmental Sciences*, Vol. 3, No. 4, 439-447.
384. **Eslamian, S. S.** and N. Lavaei, 2009, Modelling Nitrate Pollution of Groundwater using Artificial Neural Network and Genetic Algorithm in an Arid Zone, *International Journal of Water, Special Issue on Groundwater and Surface Water Interaction (GSWI)*, Vol. 5, No. 2, 194-203.
385. **Eslamian, S. S.** and M. J. Khordadi, 2009, Comparing Rainfall and Discharge Trends in Karkhe Basin, Iran, *International Journal of Ecological Economics & Statistics (IJEES)*, Vol. 15, No. F09, 114-122.
386. **Eslamian, S. S.** and B. Nekoueinighad, 2009, A Review on Interaction of Groundwater and Surface Water, *International Journal of Water, Special Issue on Groundwater and Surface Water Interaction (GSWI)*, Vol. 5, No. 2, 82-99.
387. **Eslamian, S. S.** and N. Zamani, 2009, Innovations in Wind Modelling, *International Journal of Global Energy Issues, Special Issue on Wind Modelling and Frequency Analysis (WMFA)*, Vol. 32, No. 3, 175-190.
388. **Eslamian, S. S.** and H. Hasanzadeh, 2009, Detecting and Evaluating Climate Change Effect on Frequency Analysis of Wind Speed in Iran, *International Journal of Global Energy Issues, Special Issue on Wind Modelling and Frequency Analysis (WMFA)*. Vol. 32, No. 3, 295 – 304.
389. **Eslamian, S. S.**, 2009, Editorial: Frontiers in Ecology and Environment, *International Journal of Ecological Economic & Statistics, Special Issue on Basin Ecology and Environment (BEE)*, Vol. 13, No. W09, 1-6.
390. **Eslamian, S. S.** and M. Biabanaki, 2009, Low Flow Regionalization Models, *International Journal of Ecological Economic & Statistics, Special Issue on Stream Ecology and Low Flows (SELF)*, Vol. 12, No. F08, 82-97.
391. **Eslamian, S. S.**, 2009, Editorial: An Ecologically Based Low Flow Review, *International Journal of Ecological Economic & Statistics, Special Issue on Stream Ecology and Low Flows (SELF)*, Vol. 12, No. F08, 1-6.
392. Nosrati, K., **Eslamian, S. S.**, Shahbazi, A., Malekian, A. and M. M. Saravi, 2009, Application of Daily Water Resources Assessment Model for Monitoring Water Resources Indices, *International Journal of Ecological Economic & Statistics, Special Issue on Basin Ecology and Environment (BEE)*, Vol. 13, No. W09, 88-99.
393. Abedi-Koupai, J., Amiri, M. J., and **S. S. Eslamian**, 2009, Comparison of Artificial Neural Network and Physically Based Models for Estimating of Reference Evapotranspiration in Greenhouse, *Australian Journal of Basic and Applied Sciences*, Vol. 3, No. 3, 2528-2535,
394. Ebrahimizadeh, M. A., Amiri, M. J., **Eslamian, S. S.**, Abedi-Koupai, J. and M. Khozaei, 2009, The Effects of Different Water Qualities and Irrigation Methods on Soil Chemical Properties, *Research Journal of Environmental Sciences*, Vol. 3, No. 4, 497-503.
395. Matouq, M., Amarnah, I. A., Kloub, N., Badran, O., Al-Duheisat, S. A. and **S. S. Eslamian**, 2009, Investigating the Effect of Combustion of Blending Jordanian Diesel Oil with Kerosene on Reducing the Environmental Impacts by Diesel Engine, *International Journal of Ecological Economic & Statistics, Special Issue on Basin Ecology and Environment (BEE)*, Vol. 13, No. W09, 79-87.
396. **Eslamian S. S.**, Gohari, A., Biabanaki, M. and R. Malekian, 2008, Estimation of Monthly Pan Evaporation Using Artificial Neural Networks and Support Vector Machines, *Journal of Applied Sciences*, Vol. 7, No. 19, 2900-2903.
397. Abedi-Koupai J., **Eslamian S. S.** and J. Asad Kazemi, 2008, Enhancing the available Water Content in Unsaturated Soil Zone using Hydrogel, to Improve Plant Growth Indices, *Ecology and Hydrobiology*, Vol. 8, No. 1, 3-11.
398. Bazgeer, S., Kamali, G. A., **Eslamian, S. S.**, Sedaghatkardar, A. and I. Moradi, 2008, Pre-Harvest Wheat Yield Prediction Using Agrometeorological Indices for Different Regions of Kordestan Province, Iran, *Research Journal of Environmental Sciences*, Vol. 2, No. 4, 275-280.
399. **Eslamian, S. S.** and H. Feizi, 2007, Maximum Monthly Rainfall Analysis Using L-moments for an Arid Region in Isfahan Province, Iran, *Journal of Applied Meteorology and Climatology*, Vol. 46, No. 4, 494-503.
400. Modarres, R., Soltani, S. and **S. S. Eslamian**, 2007, The Use of Time Series Modeling for the Determination of Rainfall Climates of Iran, *International Journal of Climatology*, Vol. 27, No. 6, 819-829.
401. Moradi, I., Nosrati, K. and **S. S. Eslamian**, 2007, Evaluation of the RadEst and ClimGen Stochastic Weather Generators for Low-Medium Rainfall Regions, *Journal of Applied Sciences*, Vol. 7, No. 19, 2900-2903.

402. Modarres R. and **S. S. Eslamian**, 2006, Streamflow Time Series Modeling of Zayandehrud River, Iranian Journal of Science and Technology, Vol. 30, No. B4, 567-570.
403. Mostafazadeh-fard, B., Osroosh, Y. and **S. S. Eslamian**, 2006, Development and Evaluation of an Automatic Surge Flow Irrigation System, Journal of Agriculture and Social Sciences, Vol. 2, No. 3, 129-132.

International Conference Papers:

404. Reyhani, M. N., Grundmann, P., **Eslamian, S.**, 2019, Engagement of Farmers in Adaptive Water Governance: Perceptions on the Role of Farmers' Organization, 5th YES Congress 2019: "Rocking Earth's Future". Free University of Berlin, Germany. September 9-14.
405. Reyhani, M. N., Grundmann, P., **Eslamian, S.**, 2019, Contribution of Farmers' Organization in Engagement Process toward Adaptive Water Governance: Investigating the Perception of Different Actors, in KOSMOS-Conference: Navigating the Sustainability Transformation in the 21st Century. Humboldt University Berlin, Germany. August 28-30.
406. Matouq, M., Dabbas, D., **Eslamian, S.**, 2017, Solar Photocatalytic Detoxification Using Nano particles of Titanium Oxide: A Treatment Method for Actual Decentralized wastewater unit Effluents, The Eighth Jordan International Chemical Engineering Conference (JIChEC 2017) November 7-9, Jordan.
407. Ayatollahi, H., Okhravi, S. S. and **Eslamian, S. S.**, 2016, Reviewing the Role of Climate Change Effects on Human Health and Ecosystem. 2th International Conference of IALE, Isfahan, Iran.
408. **Eslamian, S. S.**, Ayatollahi, H. and Okhravi, S. S., 2015, Ways of controlling with climate change towards water crisis. 3th International Conference on Rainwater Catchment Systems, Birjand, Iran.
409. **Eslamian, S. S.**, Malekian Jabali, M. and Okhravi, S. S., 2015, Rainwater harvesting as a practical LID method for confronting climate change. International Conference on Sustainable Development with a Focus on Agriculture, Environment and Tourism, Tabriz, Iran.
410. Eslamian, S. S., **Okhravi, S. S.** and Sajad, R. M., 2015, Rainwater harvesting systems development strategies in urban space. 5th International Conference on Sustainable Development and Urban Construction, Isfahan, Iran.
411. Zareian, M. J., **Eslamian, S.S.**, Safavi, H. R., Eslamian, A. 2015, Effect of Climate Change on Reference Evapotranspiration Based on Weighting Methods, 4th Climate Change Technology Conference, May 25-27, Montreal, Canada.
412. Zareian, M.J., **Eslamian, S.S.**, Gohari, A. and Hosseini-pour, E.Z., 2014, Climate Change Impacts on Reservoir Inflow Using Various Weighting Approaches, World Environmental and Water Resources Congress, USA.
413. Abdolvandi, A.F., Parsamehr, D., Babazadeh, H., **Eslamian, S.** and Hosseini-pour, E.Z., 2014, Conjunctive Use of Surface and Groundwater Resources Using System Dynamics Approach (Case Study: Namroud Dam), World Environmental & Water Resources Congress, USA.
414. Kohansal, M. M., Mohamadi, O., **Eslamian, S. S.** and M. Kohansal, 2014, Inter-basin Transfer and Saving Uremia Lake by Sustainable Development Approach, The 32nd National and the 1st International Geosciences Congress, Uremia, Iran.
415. Molaei, H., M. M. Kohansal, S. Karamifard, and **S. S. Eslamian**, 2014, climate change and its influence on the water level of Uremia Lake, The 4th International Conference on Environmental Challenges and Dendrochronology, Sari, Iran.
416. **Eslamian, S. S.**, M. Naderi-beni, M. M. Kohansal, S. Pouriamehr, and A. Nasri, 2014, Investigation of temperature and precipitation changes in Isfahan stations using parametric and nonparametric tests, The 4th International Conference on Environmental Challenges and Dendrochronology, Sari, Iran.
417. **Eslamian, S.S.**, Bazrkar, M.H., Ziaei, R., Zamani, N., Nasri, M. and Rajaei, F., 2014, A Review on Eutrophication of Water Bodies, PSRC-ISAET, International Conference Program Jan. 13-14, Penang, Malaysia.
418. Shafieyoun, E., Gheysari, M. and **Eslamian, S. S.**, 2014, Identification of Micro-climates of Isfahan City and Its Effect on Average, Maximum and Minimum Air Temperature, Keynote Lecture, Proceeding of 3rd ScienceOne International Conference on Environmental Sciences, UAE.
419. Bazrkar, M. H., Zamani, N., **Eslamian, S. S.**, 2014, Investigation of Landuse Impacts on Sediment Yield using a SWAT (Case Study: Chamgordalan Reservoir Watershed, Iran), Proceeding of 3rd ScienceOne International Conference on Environmental Sciences, UAE.
420. Naderi, M., **S. S. Eslamian**, M. M. Kohansal, and A. Nasri, 2013, Checking temperature and precipitation changes in Isfahan stations using parametric and nonparametric tests, The 1st International Conference of IALE, Isfahan University of Technology, Iran.
421. **Eslamian, S. S.**, Amininezhad, S. M., Amininejad, S. M., 2013, Antibacterial activity of ZnO nanoparticles against Escherichia coli. 2nd Water Research Conference, Singapore Expo, January, Singapore.
422. Bazrkar, M.H., Zeyaei, R., and **Eslamian, S.S.**, 2013, Eutrophication: a Water Body's Problem, International Symposium on Ecohydrology, Biotechnology and Engineering: Towards the Harmony Between Biogeosphere and Society on the Basis of Long Term Ecosystem Research, September 16-22, Lodz, Poland.
423. Bazrkar, M.H., Sarang, A. and **Eslamian, S.S.**, 2013, Application of swat for sediment load estimation in Ghamgordlan reservoir watershed, 28-30 March, Perm, Russia.
424. Salahshur, Sh., Bazrkar, H. and **Eslamian, S.S.**, 2013, Petroleum pollution as a predicament to soil and water resources, The 2nd international conference on water energy and environment, 21-24 September, Turkey.
425. **Eslamian, S.** and Saadati, S., 2013, Application Of Indicators Of Hydrologic Alteration For Evaluating Environmental Impacts Of Dam Operation During Drought Periods: A Case Study, 5th International Conference of Water Resources and Sustainable Development, 24-25 February, Algiers.
426. Amininejad, S. M., **Eslamian, S. S.**, Amininezhad, S. M., 2013, Photocatalytic Degradation of Model Textile Dyes in Wastewater Using ZnO Nanoparticles, 5th International Conference of Water Resources and Sustainable Development, 24-25 February, Algiers.

427. Amininejad, S. M., **Eslamian, S. S.**, Amininezhad, S. M., 2013, Application of ZnO Nanoparticles in Wastewater Disinfection, 5th International conference of Water Resources and Sustainable Development, 24-25 February, Algiers.
428. Mousavi, S. Z., **Eslamian, S.**, Eslamian, F., Tishezan, P. 2013, The Effect of Water Shortage on Date Fruit Water Consumption and Optimal Performance, 5th International conference of Water Resources and Sustainable Development, 24-25 February, Algiers.
429. Bahmani, R., **Eslamian, S.**, Khorsandi, M., and Hosseini, E.Z., 2013, Combination of L-Moments Method and Hydrological Model for Design Flood Hydrograph Determination, World Environmental and Water Resources Congress, May 19-23, USA.
430. Hosseini, S. Z., Heidarpour, M., **Eslamian, S. S.**, 2012, Effect of Conductor of Baldes Submerged Weir discharge coefficient triangle with vertex angle of 45 degrees, Ninth International Conference on River Engineering, Ahvaz.
431. Bahmani, R., **Eslamian, S. S.**, Naderi-Bani, M., Fahhian F., 2012, Investigating Maximum Rainfall Intensity on Peak Discharge using IDF curves and HEC-HMS model, Ninth International Conference on River Engineering, Ahvaz.
432. Fakhri, M., **Eslamian, S. S.**, Rostamian, R., and Fazeli, I, 2012, A Review on Erosion and Sediment Transfer Models with Emphasis on Sediment Modeling of Beheshtabad Sub-basin, North Karoon, using SWAT Model, Ninth International Conference on River Engineering, Ahvaz.
433. **Eslamian, S. S.**, Okhravi, S. S., Fazlolahi, H. and Eslamian, F. 2012. Sustainable Management of Water Resources With Techniques of Rainwater Harvesting In Ancient and Present, IWA Specialized Conference on Water & Wastewater, Istanbul-Turkey.
434. **Eslamian, S. S.** and Okhravi, S. S. 2012. The Role of Water Resources Management in Creating Motivation for the Installation and Using Rainwater Harvesting Systems, International Conference on Traditional Knowledge for Water Resources Management, Yazd, Iran.
435. Eslamian, F., Taebi, A., Hasheminejad, H. and **S. S. Eslamian**, 2012, Removal of Acid Red 88 from Aqueous Solutions by Walnut Shells, 9th International Congress on Civil Engineering, Isfahan, Iran.
436. Shaeri Karimi, S., **Eslamian, S. S.** and R. Modarres, 2012, Estimating Environmental Flow for Millhaven Creek, Canada, 9th International Congress on Civil Engineering, Isfahan, Iran.
437. Bateni M., **Eslamian, S. S.**, Mousavi, S. F. and E. Z. Hosseini, 2012, Application of a Localization Scheme in Estimating Groundwater Level using Deterministic Ensemble Kalman Filter, EWRI/ASCE 10th Symposium on Groundwater Hydrology, Quality and Management, USA.
438. Amini Nezhad, S. M. and **S. S. Eslamian**, 2012, Toward a more Holistic Perspective of Soil Erosion, Dust Haze Events and Interaction between Aeolian and Fluvial Transport Processes, The 1st International Congress on Dust Haze and Combating its Adverse Effects, Ahvaz, Iran.
439. Biabanaki, M., **S.S. Eslamian** and A. Tabatabaei, 2012. Low flow regionalization by regression and hybrid methods. World Wide Workshop for Young Environmental Scientists, Arcueil, France
440. **Eslamian, S. S.**, Tarkesh, S., Kamran, M. R. and Y. Harooni, 2011, Evaluating The Potential Of Urban Reclaimed Water In Area Of North Isfahan, Iran, For Industrial Reuses, 4th international conference of water resource and sustainable development, Algeria.
441. **Eslamian, S.** and Tarkesh-Isfahani, S., 2010. Evaluating the most efficient irrigation systems in wastewater reuse, Pakistan Agriculture: Challenges and Opportunities, Kashmir, Pakistan.
442. Mousavi, S. Z., **Eslamian, S. S.**, Sharifani, M., 2010, Increasing Berhi Date Palm's Yield and Cost Efficiency, as Irrigated by Reclaimed Sewage Wastewater, Pakistan Agriculture: Challenges and Opportunities, Kashmir, Pakistan
443. **Eslamian, S. S.**, Tarkesh-Isfahany, S., 2011, Industrial reuse of urban wastewaters, a step towards sustainable development of water resources, 1st International Conference on Desalination and Environment: A Water Summit, 29 Oct. 1 Nov., Beach Rotana, Abu Dhabi, UAE.
444. Farzaneh, M. R., **Eslamian, S. S.** and M. Biabanaki, 2011, The uncertainty impact of multiple linear statistical downscaling model (SDSM) on runoff, 13th Plinius Conference on Mediterranean Storms, Savona, Italy.
445. **Eslamian S. S.**, Abedi-Koupai, J., Hasheminejad, S. Y., and E. Z. Hosseini, 2011, A mathematical model for Ni phyto-extraction from cotaminated soils, 2011 World Environmental and Water Resources Congress: Bearing Knowledge for Sustainability, Palm Springs, USA, 1772-1781.
446. Rajaei, F., Samadi-Borujeni, H., **Eslamian, S. S.** and E. Z. Hosseini, 2011, The Impact of Artificial Recharge Plans on Aquifer and Demand Management Techniques in Shahrekord, Iran, 2011 World Environmental and Water Resources Congress: Bearing Knowledge for Sustainability, Palm Springs, USA, 833-845.
447. Fakhri, M., Farzaneh, M. R., **Eslamian, S. S.**, and E. Z. Hosseini, 2011, Uncertainty Analysis of Downscaled Precipitation Using LARS-WG, Statistical Model in Shahrekord Station, Iran, 2011 World Environmental and Water Resources Congress: Bearing Knowledge for Sustainability, Palm Springs, USA, 4572-4578.
448. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2011, Use of Zeolite and Surfactant Modified Zeolite as Ion Exchangers to Control Nitrate Leaching. International Conference on Environmental Systems Science and Engineering. Venice, Italy.
449. Amiri, M. J., **Eslamian, S.S.**, Abedi-Koupai, J. and M. Khozaei, 2010, Estimation of daily pan evaporation using the fuzzy regression method in a semi-arid region of Iran, 10th Iranian Conference on Fuzzy Systems, Shahid Beheshti University, Tehran, Iran, July 13-15, 2010. 300-304.

450. Abedi-Koupai, J., **Eslamian S.**, Gohari A., R. Khodadadi, 2010, The Mechanical Properties of Concrete Containing Nanoparticles of Phoenix Dactylifera, Proceeding of the 3rd Conference on Nanostructures, Kish Island, Iran.
451. **Eslamian, S.**, Tarkesh-Isfahani, S., Malekpour, I., 2010, Investigating heavy metals concentration of a wastewater treatment plant for agricultural and landscape reuses, Dryland Hydrology: Global Challenges Local Solutions, September 1-4, Westin La Paloma-Tucson, USA.
452. Abedi-Koupai, J., **Eslamian, S. S.** and Fakouri, F., 2010, The Effects of Applying Treated Wastewater on the Physical and Mechanical Behavior of Soil-Root Interactions, Geophysical Research Abstracts, Vol. 12, EGU2010-13610, EGU General Assembly, Vienna, Austria.
453. **Eslamian, S. S.** and E. Z. Hosseinipour, 2010, A Modified Region of Influence Approach for Flood Regionalization, 2010./.../, Providence, Rhode Island, USA.
454. Moravejolahkami, B. and **S. S. Eslamian**, 2010, Application of Two-Step And FAO-56 Evapotranspiration Models In An Arid Environment, IWA World Water Congress and Exhibition, Montreal, Canada.
455. Hassanzadeh, H, **Eslamian, S. S.**, Abdolhosseini, M and S. Grimaldi, 2010, Application of L-moments for Estimation of Quantile Mixtures, International Workshop on Advances in Statistical hydrology, Taormina, Italy.
456. Mirabbasi, R. and **S. S. Eslamian**, 2010, Delineation of Groundwater Quality Concerning Applicability of Pressure Irrigation System In Sirjan Watershed, Iran, International Conference on Management of Soil and Groundwater Salinization in Arid Regions, Sultan Qaboos University, Muscat, Oman.
457. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2010, An Effective Method to Reduce Groundwater Pollution in Farmlands, The 1st Annual Conference- Ibb 2010, Environmental Science and Technology, Republic of Yemen.
458. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2010, The Effect of Ionic Strength on the Ammonium Adsorption and Desorption by Semnan Clinoptilolite Zeolite. Iran International Zeolite Conference, Tehran, Iran.
459. Moravejolahkami, B., Mostafazadeh-Fard, B., Heidarpour, M., Abbasi, F., **Eslamian, S. S.** and E.Vazquez-Fernandez, 2010, The effects of variable inflow hydrographs on water saving in furrow irrigation using zero-inertia model, International Conference on Environmental Science and Technology, Bangkok, Thailand.
460. Abedi-Koupai, J., Ghaheri, E., **Eslamian, S.**, 2009, The Effects of Superabsorbent Polymer and Irrigation Regime on Phytoremediation of Petroleum Contaminated Soils, 9th International Seminar on Polymer Science and Technology, Iran Polymer and Petrochemical Institute, Tehran, Iran.
461. **Eslamian, S. S.**, Hedayat, E. and S. Tarkesh Esfahani, 2009, Reusing Reclaimed Wastewater through Artificial Recharge for Increasing Sustainable Water, First Conference of Water Resources Management, Shahroud, Iran.
462. **Eslamian, S. S.**, M. J. Amiri and W. Balderer, 2009, A Review on Thermal Spring in Iran, Groundwater, Thermal and Mineral Water in Areas of Arid Conditions: Consequences for the Current Situation of Climate Change and the Increasing Population of Egypt, IAH-CMTW Workshop, Cairo, Egypt.
463. **Eslamian, S. S.**, Khordadi, M. J., Baba Ahmadi, A. and J. Abedi-Koupai, 2009, Effects of Variations In Climate Parameters on Evapotranspiration In the Arid and Semiarid Regions, RCM2009, Lund University, Sweden.
464. **Eslamian, S. S.**, Hasanzadeh, H. and J. Abedi-Koupai, 2009, Drought Index Frequency Analysis Using L-Moments, Managing Water in a Changing World, Torino, Italy, July 27-31.
465. **Eslamian, S. S.** and H. Hasanzadeh, 2009, Climate Change Impact on Frequency Analysis of Wind Speed, IAMAS2009, 19-29 July, Montreal, Canada.
466. **Eslamian, S. S.** and S. A. Gohari, 2006, Investigation of Flooding Process in South-Esfahan Basin, International Congress of Islamic World Geographers, Esfahan University, Isfahan.
467. **Eslamian, S. S.**, 2006, Detection of Hydrologic Changes, International Symposium on Drylands Ecology and Human Security, Dubai, United Arab Emirates.
468. **Eslamian, S. S.**, Ghoudarzi, A. and R. Nazari, 2006, Investigation of the Changes of Permeability, Physical and Chemical Characteristics of Sediment Basins for Artificial Recharge In Bagh-E-Sorkh Region, Shahreza, Isfahan, 22nd Annual International Conference on Soils, Sediments and Water, University of Massachusetts at Amherst, USA.
469. Abedi-Koupai, J., **Eslamian, S. S.**, Salehi, M. and J. Khajehali, 2006, Effect of Water Stress on Population Changes of Emp on Cowpea, 8th European Congress of Entomology, Izmir, Turkey.
470. Saadati, S., Soltani-Koupai, S. and **S. S. Eslamian**, 2006, Frequency Analysis of Meteorological Drought Using Standard Precipitation Index (SPI) In Zayanderud Basin, First Regional Conference on Optimum Utilization of Water Resources in the Karun and Zayanderud Rivers Basins, Shahrekord University, 167.
471. Eslamian, S. S., Abedi Koupai, J., A. Godarzi, 2005, The Impact of Artificial Recharge on Yield of Bagh-sorkh Ganat, Shahreza, Second International Conference on Ganat, Yazd.
472. Biabanaki M. and **S. S. Eslamian**, 2005, Comparing Regional Flood and Low Flow Frequency by Index Flood and Hybrid Methods, International Conference on Human Impacts on Soils Quality Attributes in Arid & Semiarid Regions, Isfahan University of Technology, Esfahan, Iran.
473. Biabanaki M. and **S. S. Eslamian**, 2005, Monthly Flow Forecasting by Time Series Models In Ghezelozen River, Iran-Korea Climate Modeling Workshop, Mashhad, Iran.

474. Soltani, S., Modarres R. and **S. S. Eslamian**, 2005, The Determination of Regional Rainfall Climates of Iran Based on Time Series Modeling, Iran-Korea Climate Modeling Workshop, Mashhad, Iran.
475. **Eslamian S. S.**, 2004, Evaporation Modeling for Some Dam Reservoirs In Iran, Western Pacific Geophysics Meeting, Hawaii Convention Center, Honolulu, Hawaii.
476. **Eslamian S. S.**, Sattari M. T. and R. Nazari, 2004, Optimization and Simulation of Water Distribution In Small Multi-Reservoir System, Sixth International Conference on Hydro-science and Engineering, Brisbane, Australia.
477. Chavoshi, S. and **S. Eslamian**. 2004. Regional flood frequency analysis using L-moments. International Conference on Hydrology: Science and Practice for the 21st Century, London, England.
478. Chavoshi, S. and **S. Eslamian**. 2004. Study on hydrological homogeneity of the catchments (a case study: North Karoon / Iran). International Conference on Hydrology: Science and Practice for the 21st Century, London, England.
479. **Eslamian, S. S.**, Tabatabaei H., Abedi Koupaei, J. and R. Nazari, 2003, A Mathematical and Management Model of Groundwater With Emphasis on Artificial Recharge for Damaneh Plain, Isfahan Province of Iran, The Second International Conference on Salt Water Intrusion and Coastal Aquifers, Merida, Mexico.
480. **Eslamian, S. S.**, Khatoonabadi, S. A., Shahidi Hamadani, A. and R. Nazari, 2003, Water Resources Mismanagement and Desertification of a Semiarid Region, Gahavand Plain, Seventh International Conference on Dry Land Development: Sustainable Development of Dry Lands in the 21st Century, The International Dry Lands Development Commission (IDDC), Tehran, Iran.
481. **Eslamian, S. S.** and M. Afyuni, 2003, Investigating Nitrate Contamination In the Groundwater of Isfahan Plain, Iran, 5th International Congress of Turkish Society of Toxicology, Antalya, Turkey.
482. **Eslamian, S. S.** and R. Nazari, 2003, Hydrological Homogeneity Test of Catchments In Central Part of Iran Using L-Moments Diagram, The International Conference on the Rational Use and Construction of Water Resources in a Changing Environment, Yerevan, Armenia.
483. Sattari, M. T., **Eslamian, S. S.** and A. Abrishamchi, 2003, Optimization of Water Consumption In a 9-Reservoir River System, 6th International Conference on Civil Engineering, Isfahan University of Technology, Iran.
484. Modarres, R. and **S. S. Eslamian**, 2003, Drought Frequency Analysis Using Markov Chain for Isfahan City, Third Regional Conference and First National Conference on Climate Change, University of Isfahan, Isfahan, Iran.
485. Nosrati, K., Mohseni Saravi, M., **Eslamian S. S.**, Sharifi F. and M. Mahdavi, 2003, Identification of Homogeneous Regions In Hydrological Drought Using Multivariate Statistical Techniques In Arid and Semi-Arid Zones, Third Regional Conference and First National conference on Climate Change, University of Isfahan, Isfahan, Iran.
486. **Eslamian, S. S.** and Y. Osroosh, 2002, The Impact of Dam Construction of Climate Parameters, Third Regional Conference and First National conference on Climate Change, University of Isfahan, Isfahan, Iran.
487. **Eslamian, S. S.** and R. Nazari, 2002, Economic Evaluation of an Iranian Water Resources Project, Third Conference on Agriculture and Natural Resources, Iran and Russia, Moscow.
488. **Eslamian, S. S.**, Khajedin, S. J. and A. Amiri-Maleki, 2002, Role of dam construction in developing desert regions of arid zone climates, 8th International Conference on Understanding Future Dryland environmental Changes From Past Dynamics, Yazd University, Iran.
489. **Eslamian, S. S.**, Ashtari A. and R. Nazari, 2002, A Traditional System of Water Harvesting, Turkey Nest, International Conference of Human and Water, Ramsar, Iran.
490. Chavoshi, S. and **S. Eslamian**, 2001, The role of traditional utilization of water in management of water resources of arid land, Second Regional Conference on Water and Wastewater Management in Asia, Tehran, Iran.
491. Gazavi, R. and **S. Eslamian**, 2006, Runoff in an Iranian Karstic Watershed as Compared with a Neighbor non-Karstic Watershed, 8th Conference on Limestone Hydrogeology, Neuchâtel, Switzerland.
492. Chavoshi-Boroujeni, S. and **S. S. Eslamian**, 2000, The Role of Combining Traditional (Ganat) and Conventional (Artificial Recharge) Systems on Economic-Social Development of Bagsorkh Region, Shahreza, First International Conference on Ganat, Yazd Regional Water Board, Iran.
493. Taebi, A., **Eslamian, S. S.** and M. Vashtani, 1999, Evaluation of Urban Runoff Quality Models, First Regional Conference on Water Balance, Khuzestan Water and Power Authority, Ahwaz, Iran, 393-402.
494. **Eslamian, S. S.** and, S. Chavoshi. 1999. Comparison of regression and hybrid models of flood frequency analysis, First Regional Conference on Water Balance, Khuzestan Water and Power Authority, Ahwaz, Iran.
495. Chavoshi, S., S. Eslamian. 1999. Catchments group delineation using different methods of homogeneity. Proceeding of the First Regional Conference on Water Balance, Ministry of Energy of Iran, Bureau of Water and Energy of Khoozestan, Ahwaz, Iran.
496. **Eslamian, S. S.**, 1995, What Can Be Measured After the Occurrence of a Flood, Regional Conference on Water Resources Management, Isfahan University of Technology, Isfahan, Iran, 397-403.
497. Keshavarzy, A., Erskine W. D. and **S. S. Eslamian**, 1995, River Management Vs. Urban Development In the Hawkesbury-Nepean River Basin, Australia, Regional Conference on Water Resources Management, Isfahan University of Technology, Isfahan, Iran, 629-637.
498. Nazemosadat, M. J., Cordery I. and **S. S. Eslamian**, 1995, The Impacts of Persian Gulf Sea Surface Temperatures on Iranian Rainfall, Regional Conference on Water Resources Management, Isfahan University of Technology, Isfahan, Iran, 809-818.
499. **Eslamian S. S.**, 1992, Regionalization of Flood Frequency Estimation, First Seminar for Iranian Students Studying in Australia, University of New South Wales, Sydney, Australia.

National Journal Papers:

498. Dehghan, Z., **S. Eslamian, S. S.** and Modarres, R., 2019, Using the Principal Component Analysis Approach for Weighting Statistical, Climatic and Geographical Attributes of the Maximum 24-hour Rainfall and Spatial Clustering Analysis (A Case Study: Urmia Lake Basin), *Journal of Water and Soil*, Vol. 22, No. 4, 41-58.
499. Okhravi, S. S., **Eslamian, S. S.** and Fathianpour, N., 2018, Modeling the type of inflow distribution on internal hydraulic behaviour of Horizontal subsurface flow constructed wetland. *Journal of Water and Wastewater*, 29(4): 145-156.
500. Amini, M. A., Torkan, Gh., **Eslamian, S.**, Zareian, M. J., Besalatpour, A. A., 2018, Assessment of SWAT Hydrological Model in Catchments' Water Balance Simulation Located in Semi-Arid Regions (Case Study: Zayandeh-Rud River Basin), *Water and Soil Sci.*, Vol. 32, No. 5, 849-863.
501. Rahimian, M.H., Shayannejhad, M., **Eslamian, S.S.**, Jafari, R., Gheysari, M., Taghvaeian, S., 2017, Evaluation of different LST approaches for determination of pistachio tree canopy temperature through Landsat 8 satellite data, *Journal of Geospatial Information Technology*, Vol.5, No.2, 79-99.
502. Zamani, N., Javahery Tehrani, M., **Eslamian, S. S.**, and Mousavi, S. F., 2017, Groundwater Simulation Using Artificial Neural Networks and ArcGIS Under Different Scenarios (Case Study: Mahyar Plain), *Journal of Irrigation Science and Technology*, Vol. 40, No. 3, 167-180.
503. Mollaei, R., Abedi-Koupai, J., **Eslamian, S. S.**, 2016, Effect of Zeolite on Cadmium Uptake By Spinach (*Spinacia Oleares L.*) in Wastewater Irrigation, *Water and Soil Science*, Vol. 20, No. 75, 15-25.
504. Zareian, M. J., **Eslamian, S. S.**, and Safavi, H. R. 2016, Investigating the Effects of Sustainability of Climate Change on the Agriculture Water Consumption in the Zayandeh-Rud River Basin, *Water and Soil Sci.*, Vol. 20, No. 75, 113-128.
505. Okhravi, S. S., **Eslamian, S. S.**, Fathianpour, N., Heidarpour, M., 2016. Investigation of Flow Distribution on Retention Time and Hydraulic Behavior of a Horizontal Subsurface Flow Constructed Wetland (Case Study: Isfahan). *Water and Soil Sci.*, Vol. 19, No. 74, 89-100.
506. Salarian, M., Najafi, M., Larijani, Sh. and **S. S. Eslamian**, 2016, The Potential Evapotranspiration Trends in Isfahan and Rasht Stations, *Extension and Development of Watershed Management*, Vol. 4, No. 13, 41-52.
507. Dehghan, Z., Fathian F., and **S. Eslamian**, 2015, Comparative Assessment of SDSM, IDW and LARS-WG Models for Simulation and Downscaling of Temperature and Precipitation, *Journal of Water and Soil*, Vol. 29, No. 5, 1376-1390.
508. Eslamian S., Okhravi S. 2015, Quantifying Glimpse to Climate Change and Adaptation Strategies, *Iranian Rainwater Harvesting Systems*, Vol. 3, No. 8, 15-26.
509. Malekian, R., Abedi-Koupai, J. and **S. S. Eslamian**, 2014, Estimating Parameters of LEACHN in Zeolite-Amended Soil and Unamended-Soil Conditions, *JWSS-Isfahan University of Technology*, Vol. 18, No. 68, 197-210.
510. Abedi-Koupai, J, Salehi-Sirzar, M., **Eslamian, S. S.**, Khajeali, J., Y. Hosseini, 2014, Effect of Water and Pests Stresses on Cowpea Yield, *JWSS-Isfahan University of Technology*, Vol. 18, No. 68, 157-171.
511. Salarian, M., Najafi, M., Davari, K., **Eslamiyan, S. S.**, Heidari, M., 2014, The most Appropriate Method to Estimate Potential Evapotranspiration in Meteorological Data Scarce Condition in the Warm and Cold Months of the Year (Case Study of Isfahan), *Iranian Journal of irrigation and Drainage*, No. 1, Vol. 8, 62-73.
512. Gheysari, M., **Eslamian, S. S.**, Shafieion, E., Alikhasi, A., Ghaffari Sheshjavani, A., 2013, Microclimate Zoning of Isfahan City based on Surface Cover Type, *Journal of Agricultural Meteorology* Vol. 1, No. 2, 21-31.
513. Mirabbasi Najafabadi, R., Fakheri-Fard, A., Dinpashoh, Y. and **Eslamian, S. S.**, 2013, Longterm Drought Monitoring of Urmia Using Joint Deficit Index (JDI), *Journal of Water and Soil Knowledge*, Vol. 23, No. 4, 87-103.
514. Bahmani, R., Radmanesh, F., **Eslamian. S.**, and Parham, G., 2013, Reservoir evaporation trend analysis and its prediction using time series, *JISE- Irrigation Science and Technology*, Vol. 3, No. 36, 67-80.
515. Abedi-Koupai, J., **Eslamian, S.S.** and Khaleghi, M., 2013, Performance of the tire powder for absorption of lead, zinc and manganese heavy metals and determination of kinetic and adsorption isotherms, *JISE- Irrigation Science and Technology*, Vol. 3, No. 36, 13-22.
516. Moravejalakhkami, B., Mostafazadeh-Fard, B., Heidarpour, M., **Eslamian, S.**, Roohi, J., 2013, Design and Evaluation of an Automatic Valve to Produce Different Furrow Inflow Hydrograph Shapes. *JWSS-Isfahan University of Technology*, Vol. 17, No. 64, 197-207.
517. Abedi-Koupai, J., Ghaheri, E., **Eslamian, S.S.** and Hosseini, H., 2013, Investigation the Kinetic Models of Biological Removal of Petroleum Contaminated Soil around Oil Pipeline Using Ryegrass, *Water and Wastewater*, Vol. 89, No. 1, 62-68.
518. Malekian, R., Abedi-Koupai, J., **Eslamian, S. S.**, Afyuni, M., 2013, Ion-Exchange Process for Nitrate Removal and Release Using Surfactant Modified Zeolite. *JWSS, Isfahan University of Technology*, Vol. 17, No. 63, 191-201.
519. Shafieoun, E., Gheysari, M., Majidi, M.M., Mousavi, S.F. and **Eslamian, S.S.**, 2013, Effect of Vegetation Cover Type on Average, Maximum and Minimum Air Temperature in Isfahan City, *Irrigation and Water Management*, Vol. 3, No. 1, 97-107.
520. **Eslamian, S. S.**, Bazrkar, M. H., Mousavi, S. F., 2012, Drought Forecasting in Isfahan Province Using Time Series Analysis of Rainfall Monthly Data, *Watershed Management and Engineering*, Vol. 4, No. 1, 21-30.

521. Shabanlou, S., Rajabi, A., **Eslamian, S.** and Mousavi, S. F., 2012, Evaluation of empirical relationships for estimation of instantaneous peak flow Discharge in western catchments of IRAN, Iranian Water Research Journal, Vol. 6, No. 10, 215-219.
522. **Eslamian, S. S.**, Fathian, F. and H. Hassanzadeh, 2012, Comparative evaluation of L-moments with Maximum Likelihood and nonparametric methods for frequency analysis of five Iranian rainfall stations, Watershed Management and Engineering , Vol. 4, No. 2, 63-72.
523. Abedi-Koupai, J., **Eslamian, S.S.** and Khaleghi, M., 2013, Performance of Sand Filters including the tire powder for in lining of underground drains, The Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science, Vol. 16, No. 62, 193-202.
524. Abedi-Koupai , J., **Eslamian, S. S.** and M. J. Zareian, 2011, Measurement and modeling of water requirement and crop coefficient for cucumber, tomato and pepper using microlysimeter in greenhouse , Journal of Science and Technology of Greenhouse Culture, Vol. 2 , No. 7, 51-64.
525. Abedi-Koupai , J., **Eslamian, S. S.**, Gohari , S. A., and R. Khodadadi, 2011, Evaluation of Mechanical Properties of Water Conveyance Concrete Canals Incorporating Nano Pozzolan of Wheat Ash Sheath, The Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science, Vol. 14, No. 54, 39-52.
526. Amiri, M.J, Abedi-Koupai J. and **S. S. Eslamian**, 2011, Evaluation of the performance of evaporation pans in greenhouse environment Journal of Science and Technology of Greenhouse Culture, Isfahan University of Technology, Vol. 2, No. 5, 63-73.
527. Akhavan, S., Abedi-Koupai, J., Mousavi, S. F., Abbaspour, K., Afyuni, M. and **S. S. Eslamian**, 2010, Estimation of Blue Water and Green Water Using SWAT Model in Hamadan-Bahar Watershed, The Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science, Vol. 14, No. 53, 9-23.
528. Saadati, S., Soltani, S. and **S. S. Eslamian**, 2009, Statistical analysis of return period of drought conditions in Isfahan province using the Standardized Precipitation Index, Journal of Range and Watershed Management, Iranian Journal of Natural Resources, Vol. 62, No. 1, 249-261.
529. **Eslamian, S. S.**, Tarkesh, S., 2009, Existing challenges by pollution increase of Zayandehroud Low Flow, Nama, 174-175.
530. **Eslamian, S. S.**, Nasri, M. and N. Rahimi, 2009, Investigating the drought and wet period and its impact on water resources changes in Bouein plain watershed, Geography and Environment Planning, Vol. 20, No. 33, 75-90.
531. Ayati, H., and S. Eslamian, 2008, Modeling of North Mahyar Plain Groundwater Using MODFLOW Model, Nama.
532. **Eslamian, S. S.** and A. Ghodarzi, 2007, Evaluation of flood spreading system and artificial recharge of Bagh-sorkh aquifer in Shahreza on groundwater quality and quantity, Soil and Water Journal, Vol. 21, No. 1, 145-153.
533. Ghasemi, A., **Eslamian, S. S.** and S. M. J. Nazemosadat, 2007, Impact of wind cooling on human comfortability in various regions of Iran, Journal of Research and Investigation of Literature and humanitarian Sciences Faculty, Vol. 24, No. 3, 13-26.
534. Nasri, M., Najafi, A., Modarres, R. and **S. S. Eslamian**, 2007, Flood Regional Modelling in south-western Ardestan watershed, Journal of Research and Investigation of Literature and Humanitarian Sciences Faculty, Vol. 27, No. 6, 17-32.
535. **Eslamian, S. S.**, Modarres, R. and S. Soltani, 2006, Spatial Grouping of Drought Using Standardized Precipitation Index in Isfahan Province, Water and Wastewater Journal, No. 57, 72-75.
536. Tabatabaei , S. H., Tavasoli M., **Eslamian S. S.** and G. Ahmadzade, 2006, Investigating groundwater pollution of Esfahan city and its evaluation with emphasize on drinking water, Scientific Journal of Agriculture , Vol. 29, No. 2., 79-92.
537. Feyzi, H, **S. S. Eslamian** and H. Afzalimehr, 2005, Comparing estimation of maximum monthly rainfall of Isfahan region using methods of maximum likelihood and probability weighted moments, Journal of Research in Agricultural Sciences, Vol. 4, No. 2, 41-58.
538. Biabanaki M. and **S. S. Eslamian**, 2005, Cluster analysis for determination of the hydrologic homogeneity, assessment with discriminant analysis and Andrew curves in Karkheh basin, Scientific Journal of Agriculture, Vol. 6, No. 2. 13-26.
539. Feyzi, H. and **S. S. Eslamian**, 2005, Comparing regional and at-site L-moments for estimation of maximum monthly rainfall in the Zayandehroud Basin, Water and Wastewater Journal, Vol. 53, 1-13.
540. **Eslamian, S. S.** and A. Mehrabi, 2005, Identifying emprical equations for time of concentration in mountainous watershed, Journal of Agricultural Sciences and Natural Resources, Vol.12, No. 5, 36-45.
541. **Eslamian S. S.**, Zarei A. and A. Abrishamchi, 2004, Regional estimation of low flows for Mazandaran River basin, Journal of Science and Technology of Agriculture and Natural Resources, Vol. 8, No. 2., 27-38.
542. Godarzi, A, **S. S. Eslamian** and J. Abedi-Koupai, 2004, Investigation of Infiltration changes and physical and chemical characteristics of sediments in Bagh-e-sorkh Shahreza flood spreading strips, Journal of Research in Agricultural Sciences, Vol. 3, No. 1, 33-43.
543. Nosrati, K., **S. S. Eslamian** and A. Shahbazi, 2004, Investigation of climate change effect on hydrologic drought, Journal of Agriculture, Vol. 6, No. 1, 49-56.
544. Nosrati, K., Mohseni-saravi M., **Eslamian S. S.**, Sharifi, F. and M. Mahdavi, 2004, Determination of Homogeneous regions for frequency analysis of low flows, Iranian Natural Resources Journal, Vol. 57, No. 1., 45-58.
545. **Eslamian S. S.**, Zarei A. and A. Abrishamchi, 2003, Modified index flood method for estimating low flow in comparison with correlation method in Mazandaran basin, Journal of Agricultural Science and Technology, Vol. 17, No. 2., 153-160.
546. **Eslamian, S. S.** and S. Chavoshi-Boroujeni, 2003, Application of L-moments theory for flood frequency analysis of Iranian central catchments, Journal of Science and Technology of Agriculture and Natural Resources, Vol. 7, No. 1, 1-17.

547. Sattari, M. T., **S. S. Eslamian** and A. Abrishamchi, 2003, Optimization for distribution of water in Kalamarz multi-reservoir system, Mianeh basin, ESTEGHLAL, Journal of Engineering, Vol. 21, No. 2., 197-209.
548. Sattari, M. T., A. Abrishamchi and **S. S. Eslamian** 2003, Simulation for distribution of water in Kalamarz multi-reservoir system, Mianeh basin, Journal of Agricultural Knowledge, Vol. 12, No. 3.
549. Zare-Ernany M. and **S. S. Eslamian**, 2002, Depth-area- duration relationships analysis in Yazd-Ardekan plain, Iranian Journal of Agricultural Sciences, Vol. 33, No. 1, 49-56.
550. Kiaheirati, J., **Eslamian, S. S.** and H. Khademi, 2002, Evaluating performance of flood spreading for groundwater table artificial recharge, Iranian Natural Resources Journal, Vol. 55, No. 2., 159-171.
551. Kiaheirati, J., Khademi, H., **Eslamian, S. S.** and A. H. Charkhabi, 2002, Role of deposited sediments in changing physical-chemical properties of soils in the Moghar floodwater spreading system, Journal of Agricultural Sciences and Natural Resources, Vol. 9, No. 2., 27-40.
552. Izadbakhsh, M. A., **Eslamian, S. S.** and S. F. Mousavi, 2001, Maximum-daily mean-discharge predicting models using physiographic characteristics of catchments in some western Iran watersheds, Journal of Science and Technology of Agriculture and Natural Resources, Vol. 5, No. 2, 1-13.
553. Gazavi, G. and **S. S. Eslamian**, 2001, Comparison of calcareous and non-calcareous catchments in view of stream surface runoff, Journal of Agricultural Sciences and Natural Resources, Vol. 7, No. 4, 3-14.
554. **Eslamian, S. S.**, A. Abrishamchi and K. Farzamnia, 2001, Application of discriminant analysis to estimate instantaneous maximum discharge for catchments in west of Iran, ESTEGHLAL, Journal of Engineering, Vol. 19, No. 2, 179-190.
555. **Eslamian, S. S.** and S. Chavoshi-Boroujeni, 2001, The study of hydrological homogeneity in gauged watersheds of central part of Iran, Scientific Journal of Agriculture, Vol. 23, No. 2, 1-30.
556. **Eslamian, S. S.**, Salimi V. and S. Chavoshi-Boroujeni, 2000, Developing an empirical model for the estimation of peak discharge in some catchments in western Iran, Journal of Science and Technology of Agriculture and Natural Resources, Vol. 4, No. 2, 1-12.
557. Chavoshi-Boroujeni, S. and **S. S. Eslamian**, 1999, Regional flood frequency analysis in Zayandehrood watershed using the hybrid method, Journal of Science and Technology of Agricultural and Natural Resources, Vol. 3, No. 3, 1-12.
558. Mousavi, S. F., Jamshidnezhad-Anbarany, J., **Eslamian, S. S.** and N. Rostam-Afshar, 1999, Estimation of runoff coefficients for the Caspian sea catchments, Journal of Science and Technology of Agriculture and Natural Resources, Vol. 3, No. 2, 1-19.
559. Chavoshi-Boroujeni, S. and **S. Eslamian**, 1999, Regional Flood Analysis in Arid Zones Using Hybrid Method, Water and Wastewater Journal, Vol. 30: 23-35.
560. **Eslamian, S. S.** and K. Farzamnia, 1999, Regionalization of Flood Frequency Estimation using Cluster Analysis, Water and Wastewater Journal, Vol. 31: 1-12.

Selected National Conference Papers:

561. Taheri-Soderjani, H. and **Eslamian, S. S.**, 2016, Determining Evapotranspiration using the GIS and cluster analysis in Isfahan Province, Iran, The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
562. Ansari, S., **Eslamian, S. S.**, Pourabdullah, N., 2016, The effect of Meteorological Parameters on Rainfed Wheat and Barely Yield in Chahrmahal-Bakhteyari Province, The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
563. Pourabdullah, N., **Eslamian, S. S.**, Ansari, S., 2016, Comparison of the different equations of evapotranspiration estimation in Chahrmahal-Bakhteyari Province, The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
564. Hasheminejad, S. Y., **Eslamian, S. S.**, 2016, The effect of the PET solution methods on RDI Drought Index, The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
565. Aghakhani, A., **Eslamian, S. S.**, Ramazani-Etedali, M., Mirzaei, S. M. J., 2016, Feasibility of using class A evaporation pan in greenhouse condition having plant water stress, The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
566. Rahimian, M. H., Shayannejad, M., **Eslamian, S.**, Gheysari, M., Taghvaeian, S., Jafari, R., The quantitative and qualitative evaluation of available water for irrigating pistachios gardens in saline conditions (Case study: Ardekan, Yazd Province), The Second National Congress on Irrigation and Drainage, August 23-25, Isfahan, Iran.
567. **Eslamian, S. S.**, Okhravi, S. S. and Mohammadzade Miyab, N., 2015, Investigation and comparison between applications of different type of constructed wetland for wastewater treatment. Water Engineering Conference and Exhibition, Tehran, Iran.
568. Okhravi, S. S., **Eslamian, S. S.**, Malekian Jabali, M. and Moosavi, Z., 2014, A multi criteria decision support systems (MDSS) and GIS for identifying the best rainwater harvesting sites. 2th Iranian National Conference on Rainwater Catchment Systems, Mashhad, Iran.
569. **Eslamian, S. S.**, Okhravi, S. S., Amininejad, M. and Khodadadzadeh, N., 2014, Practical policies to combat drought. 5th Iranian National Conference on Water Resource Management, Tehran, Iran.
570. **Eslamian, S. S.**, Okhravi, S. S. and Safaei, H., 2012, Technology and optimal design of rainwater harvesting systems. 1th Iranian National Conference on Rainwater Catchment Systems, Mashhad, Iran.
571. **Eslamian, S. S.**, Naderi, M. and Okhravi, S. S., 2012, The ways of runoff management and eliminate clogging of urban streets. 1th Iranian

National Conference on Rainwater Catchment Systems, Mashhad, Iran.

572. **Eslamian, S. S.** and Okhravi, S. S., 2012, Sustainable management of water resources with technique of rainwater harvesting. 3th Iranian National Conference on Water Resource Management, Sari, Iran.
573. **Eslamian, S. S.** and Okhravi, S. S., 2012, The role of financial management of water resources using good expenditure appropriation for rainwater harvesting systems. 11th National Conference on Irrigation and Evaporation Reduction, Kerman, Iran.
574. **Eslamian, S. S.**, Davari, S., Okhravi, S. S. and Tarkesh Isfahani, S., 2012, Phytoremediation through the Mechanism of Trace Metals Absorption in Artificial Wetland. 1th Iranian National Conference on Phytoremediation, Kerman, Iran.
575. Fakhri, M, Farzaneh, M. R., **Eslamian, S. S.**, Malbusi, S., 2011, Uncertainty analysis of statistical downscaling to predict dry and wet spell, 3th National Conference on Irrigation and Drainage network, Birjand, Iran.
576. Farzaneh, M. R., Samadi, S. Z., Akbarpour, A., **Eslamian, S. S.**, 2010, Evaluation of increasing trend of temperature in the period 2040 to 2069 in Karoon Catchment, 4th National Conference on World Environment Day, Tehran, Iran.
577. **Eslamian, S. S.**, Farzaneh, M. R., Hasanzadeh, H., Akbarpur, A., 2010, Wind frequency analysis in Birjand region for electrical power plant construction, 1th National Conference on Renewable energy, Birjand, Iran.
578. Farzaneh, M. R., Samadi, S. Z., Akbarpour, A., **Eslamian, S.**, 2010, Selecting the best GCM for Statistical Downscaling of Climatic Variables in Karoon Catchment , 6th National Conference on Watershed Management, Nour, Iran
579. Farzaneh, M. R., Akbarpur, A, Hasanzadeh, H., **Eslamian, S. S.**, 2010, Plain analysis of the maximum wind speed frequency in Southern Khorasan province for construction of electrical wind power plants, 1th National Conference on Desert, Birjand, Iran.
580. Farzaneh, M. R., Samadi, S. Z., Akbarpour, A., **Eslamian, S.**, 2010, Introduction of selected predictors for downscaling statistical regression in Behesabad Catchments, 1th National Conference on Applied Research in Water Resource, Kermanshah, Iran.
581. Abedi-Koupai J., **Eslamian S.**, Gohari A., 2009, Study the Use of Bamboo Nano-Particles to Improve the Engineering Properties of Hydraulic Structural, The 3rd Conference on Construction Experiences of the Hydraulic Constructions and Irrigation and Drainage Network, Tehran University, Iran.
582. **Eslamian, S.**, Gohari A., F. Farid, 2008, The Use of Abterki Specified Energy for Hydroelectric Power Generation, The 4th Civil Engineering National Conference. Tehran University, Iran.
583. **Eslamian, S.**, Khatunabadi A., Hozai H., A. Gohari, 2007, Estimation the Natural Recharge of Aquifer on the Yazd–Ardakan Plain”, The 9th Seminar of Irrigation and Reduce Evaporation. University of Shahid Bahonar, Kerman, Iran.
584. **Eslamian S.**, Shahmanosouri, M., A. Gohari, 2007, Study The Quality of Abterki River (Bazoft basin) for Hydroelectric Design, The 9th Seminar of Irrigation and Reduce Evaporation. University of Shahid Bahonar, Kerman, Iran.
585. **Eslamian S.**, Hajarzadeh B., Gohari A., M.J. Zareian, 2006, The Effect of Reused Water in the Cultivated Soil of Najaf-Abad City, The 10th Conference of Soil Science. University Tehran, Iran.
586. **Eslamian, S.**, Gohari A., M. J. Zareian, 2006, Study the Benefits and Problems of the Use of Prefabricated Channels in the Irrigation Network of Isfahan, The Second Conference on Construction Experiences of the Hydraulic Constructions and Irrigation and Drainage Network, Tehran University, Iran.
587. **Eslamian S.** and A. Gohari, 2006, The Estimating of Low flow by the Use of Time Series Analysis, The 6th Iranian Hydraulic Conference, Shahrekord University, Iran.
588. Saadati, S., Soltani-Koupai, S. and **S. S. Eslamian**, 2006, Frequency Analysis of Meteorological Drought Using Standard Precipitation Index (SPI) In Zayanderud Basin, First Regional Conference on Optimum Utilization of Water Resources in the Karun and Zayanderud Rivers Basins, Shahrekord University, 167.
589. Osroosh, Y., Mostafazadeh, B. and **S. Eslamian**, 2005, Automatic water advance recorder for surface irrigation. Proceedings of the Workshop on Mechanized Surface Irrigation, Iranian National Committee on Irrigation and Drainage (IRNCID), Karaj, Iran.
590. Osroosh, Y., Mostafazadeh, B. and **S. Eslamian**, 2004, Design, manufacturing and calibration of automatic on and off water delivery system for surge flow irrigation. Proceedings of the First National Conference on Watershed and Soil & Water Management, Kerman, Iran.
591. Osroosh, Y., **Eslamian, S. S.** and M. Zoghi, 2004, Impact of hydraulic structures on time of concentration, 1st National Congress on Civil Engineering, Sharif Unive of Technology, Iran.
592. Behzadi-Nasab, M., **Eslamian S. S.** and Y., 2002, Influence of water pumping on groundwater surface level in west region of Dez irrigation network , 1st Student Conference on Soil and Water Resources, Urumia University, Iran.
593. **Eslamian, S.** and S. Chavoshi, 2001, A comparison between empirical and regression models of flood estimates in North Karoon watershed. National Conference on Watershed Problems in Zayandehrood and Karoon, Shahrekord, Iran.
594. Taebi, A., **Eslamian, S. S.** and M. Vashtani, 2000, Evaluation of Urban Runoff Quality Models, First Regional Conference on Water Balance, Khuzestan Water and Power Authority, Ahwaz, Iran, 393-402.
595. Mostafazadeh, B., Ataie, M. and **S. S. Eslamian**, 2000, The evaluation of sprinkler irrigation systems in Isfahan province and

investigating the possibility of improvement. The 7th National Irrigation and Reduction of Evaporation Seminar, Kerman, Iran.

596. Chavoshi, S. and **S. Eslamian**, 2000, The importance of desert management in environment health programming. Third National Conference on Environmental Health, Kerman, Iran.
597. Chavoshi, S. and **S. Eslamian**, 2000, Drought trend in Iran. Workshop on Drought Problems in Fars Province, Shiraz, Iran.
598. Mostafazadeh, B., Ataie, M. and **S. S. Eslamian**, 1999, The evaluation of trickle irrigation systems in Isfahan province and investigating the possibility of improvement. The 9th National Irrigation and Drainage Seminar, 24-25 Feb., Tehran, Iran.