FACULTY CURRICULUM VITAE





Name: Dr. Masoud Irannezhad Rank: Assistant Professor - Civil Engineering

Personal	Information

Nationality	Finnish
AU Joining Date:	04 Sep 2022
E-Mail Address:	m.irannezhad@au.edu.kw

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Protessio	nall	ntorm	ation

Education:	 1. Ph.D. in Environmental Engineering (Water Resources Eng.) Jun 2010-Dec 2015 University of Oulu (Finland) Spatio-temporal Climate Variability and Snow Resource Changes in Finland (Link)
	2. M.Sc. in Civil & Environmental Engineering (Geo and Water Eng.) - Sep 2007-Dec 2009
	- Chalmers University of Technology (Sweden)
	- A Sea Barrage in the Göta älv River, Possible or Impossible? (Link)
	3. B.Sc. in Civil Engineering (Structural Eng.)
	- Sep 2002-Jun 2007
	- Islamic Azad University - Karaj Branch (Iran)
Professional	1. Integrated Water Resources Management
Certificates:	- University of Oulu, Finland (Aug 2013)
	2. Hydrological Model Calibration and Predictive Uncertainty Analysis
	- University of Oulu, Finland (Aug 2012)
	3. Uncertainty in Environmental Modelling
	- Uppsala University, Sweden (Jun 2012)
	4. River Basin Management and Climate Change in the Baltic Sea



	5. Catchment Hydrology
	- University of Aberdeen, UK (Aug 2011)
Specialization:	1. Water Resources Engineering and Management
	2. Climate Variability and Change
	3. Environmental Engineering
Current Academic	1. Assistant Professor (Australian University, Kuwait)
Position:	2. Senior Research Fellow (University of Oulu, Finland)
Current Professional	1. Principal Investigator of Scientific Research Projects
Positions:	- "SnowDrop", University of Oulu, Finland (Since Feb 2021)
	2. Editorial Services
	- Young Career Researcher Editorial Board Member, Journal:
	Hydrology Research, IF = 2.752 (Since Aug 2020)
	- Topic Board Member, Journal: International Journal of
	Environmental Research and Public Health, IF = 4.614 (Since Jan
	2018)
	- Guest Editor, Special Issue "River Flow in Cold Climate
	Environments", Journal: Water, IF = 3.530 (Since Sep 2020)
	- Guest Editor, Special Issue "Climate Impacts on Snowpack
	Dynamics", Journal: Frontiers in Earth Science, IF = 3.661 (2021)
	3. Reviewer (for 32 different journals)
	- For Example: J Hydrol, Water Resource Res., Hydrol. Earth Syst.
	Sci., Hydrol. Processes J. Geophys. Res.: Atmos., Env. Res. Lett.,
	Glob. Planet. Change, Hydrol Res, Climate Dynamics, Meteo.
	Atmos. Physics, Boreal Enviro. Res., Int. J. Climatol., Cold Reg. Sci.
	Tech., J Water and Clim Chang, Stoch. Env & Risk Assess., Frontiers
	in Earth Sci., Theo. App. Climatol., J Meteo. Research, Adv. in
	Meteo., Int. J. Geo-Info., etc.
	A Professional Memberships
	- International Association of Hydrological Sciences (IAHS)
	- American Society of Civil Engineers (ASCE)
	- American Geophysical Union (AGU)
	- American Meteorological Society (AMS)
	- European Geosciences Union (EGU)
	- Nordic Association for Hydrology (NHF)
Previous	1. European Cooperation in Science and Technoloav (e-COST)
Administrative	- Finnish Representative in Management Committee of "Transport
Position Held:	and Urban Development COST Action TU1405", "European
	Network for Shallow Geothermal Energy Applications in Buildings
	and Infrastructures (GABI)"



	 2. Intergovernmental Panel on Climate Change (IPCC) Chapter Scientist (Jan-Jun 2019) and Contributing Author (Feb 2019-Mar 2022), The Sixth Assessment Report (AR6), Working Group II (WGII), IPCC, "Climate Change 2022: Impacts, Adaptation and Vulnerability", Chapter 4: Water. (Link)
	 3. Project Leader & Manager - Snow Droughts: Climate Drivers, Hydrological Implications &
	Sustainability Risks (Since Feb 2021) - Atmosphere-Climate-& Water-Related Extreme Interactions in Mainland Southeast Asia (2018-2020)
	- Hydroclimate Extremes in the Boreal Environment of Finland (2016-2017)
	 Effects of Land Use-Land Cover and Climate Changes on River Discharge in Northeast Iran (2015-2020)
	- Climate Change Impacts on Snowpack Water Resources in Finland (2014-2015)
	- Historical Agro-Climate Variability in Finland (2013-2014)
	4. Workshop & Seminar Organizer - "Snow droughts in Central Iran Using Remote Sensing" (12,2019)
	- "Data Revolution in Hydrology: The Pursuit of Predictive Modelling and data assimilation" (06.2019)
	 "Hydrology of GW-SW interactions: Impacts of Climate & Land Use Changes on Ecosystems" (05.2019)
	- "Effects of WeiMo on extreme precipitation in Spain" (12.2018)
	5. Hosting International Visitors
	 Prof. Hamid Moradkhani, University of Alabama, US (Jun 2019) Prof. Bjørn Kløve, University of Oulu, Finland (May 2019) Dr. Shahrbanoo Monjazeb, Yazd University, Iran (Jun-Dec2019) Dr. Laia Arbiol Roca, Uni. of Barcelona, Spain (Nov-Dec 2018)
	6. Ph.D. Defence Committee
Previous Academic	1 Senior Research Fellow, University of Oulu, Finland (Since Feb 2021)
Positions Held:	 2. Research Assistant Professor, Southern University of Science and Technology, China (Feb 2018-Jan 2021)
	 Senior Research Fellow, University of Oulu, Finland (Since Feb 2021) Post-Doctoral Research Fellow, University of Gothenburg, Sweden
	(Mar 2017-Jan 2018)
	2017)
	6. Research Assistant, University of Oulu, Finland (Jun 2010-Dec 2015)



Fellowships And Honors:	 Best Presentation Awards The 13th International Conference on Water Resources and Arid Environments (ICWRAE 2019), 24-25 Oct, 2019, Istanbul, Turkey The 28th Nordic Hydrological Conference 2014 (NHC2014), 11-13 Aug, 2014, Stockholm, Sweden
	 2. Competitive Grant Awards Scientistic Research (289,200 €) International Visits (19,350 €) Traveling (13,350 €) Publishing (3,650 €)
Teaching Experience:	 1. Co-Instructor "Applications of Remote Sensing in Inland Waters" (M.Sc. short course, 10-13.04.2017) "Cold Climate Engineering" (M.Sc. course, Spring 2016) "Advanced Course in Hydrology" (M.Sc. course, Fall 2014)
	 2. Teacher Assistant "Research Methodology" (M.Sc. course, Spring 2017, 2015 & 2013) "Statistical Methods in Hydrology" (M.Sc. course, Fall 2011)
	 3. Guest Lecturer "Northern Hydrology" (Ph.D. and M.Sc. short course, Dec 2015) "Principles of Geographical Information System (GIS)" (B.Sc. course, Jun 2015) "Water Resources Management" (M.Sc. course, Spring 2012)
Industrial And Technical Experience:	1. Water Resources Engineer (Part-time Consultant) - RWCKR, Iran (1.2016 - 2.2017)
Research Interest:	 Atmospheric Circulation-Climate Variability- and Water Cycle Nexus Hydrological Observation and Modelling Vulnerability and Risk Assessment of Hydro-Climate Extreme Events Water Security and Sustainable Development Goals Water Quality Monitoring, Modelling & Management Water Supply Infrastructures Design and Modelling Geospatial Big Data Analysis and Pattern Recognition Hydro-Climatological Remote Sensing and Data Assimilation
Research Grants:	 "Fenno-Scandinavian Snow Drought Projection: Climate Drivers, Hydrological Implications, and Ecological Sustainability Risks", Sakari Alhopuro Foundation (Finland), 6-2022-6.2023 (43,600 €) "Global Snow Drought Projections (SnowDroPs)", Arctic Interactions Program, Academy of Finland (Finland), 03-10.2021 (10,600 €) "Atmospheric Circulation- Climate Variability- and Extreme Weathers



	 Interactions in Southeast Asia", Chinese Academy of Science (CAS) (China), 2018-2020 (115,000 €) 4. "Hydroclimate Extremes in the Boreal Environment of Finland", Finnish Cultural Foundation & University of Oulu (Finland), 2016-2017 (58,000 €) 5. "Effects of Land Use-Land Cover and Climate Change on the Hydrology of Gorganrood Watershed in Northeast Iran", Ferdowsi University of Mashhad (Iran), 2015-2020 (15,000 €) 6. "Spatio-temporal Climate Variability and Snow Resource Changes in Finland", Finnish Cultural Foundation & University of Oulu Graduate School (UniOGS) (Finland), 2014-2015 (38,000 €) 7. "Historical Agro-Climate Variability in Finland", Tekniikan Edistämissäätiö and Tauno Tönningin Säätiö (Finland), 2013-2014 (9.000 €)
Research and Publications including Journal and Books:	 Summary 38 Peer-Reviewed Journal Papers (1st/corresponding author in 28) 2 Book Chapters (corresponding author in 1) 1 Technical Report and 2 Monographs Achievement Google Citation = 654 and h-index = 15 (22 Oct 2022) (Link) Peer-Reviewed Journal Papers (* 1st/corresponding author) Irannezhad M, Tahami MS, Ahmadi B, Liu J, Chen D. 2022. Compound climate extreme events threaten migratory bird's conservation in western U.S. Sustainable Horizons 3, 100023. https://doi.org/10.1016/j.horiz.2022.100023 Irannezhad M*, Ronkanen A-K, Malekian A. Editorial: Climate Impacts on Snowpack Dynamics. Frontiers in Earth Science. DOI: 10.3389/feart.2022.970981 Rajasirvaranjan T, Anandhi A, Pater NR, Irannezhad M, Srinivas CV, Veluswamy K, Surendran U, Raja p. 2022. Integrated Use of Regional Weather Forecasting and Crop Modeling for Water Stress Assessment on Rice Yield. Scientific Reports 12, 16985. https://doi.org/10.1038/s41598-022-19750-z Lashkari L, Irannezhad M*, Liu J, Schulthess U. 2022. Cascading Soci-Environmental Sustainability Risks of Agricultural Export Miracle in Peru. Environmental Sustainability 5, 255-259. https://doi.org/10.1007/s42398-022-00233-w Irannezhad M, Ahmadian S, Sadeqi A, Mianei M, Ahmadi B, Marttila H 2022 Paak Spring Elood Discharge Magnitude and



	Variability, Trends, and Links to Climate Teleconnections. <i>Water</i> 14(8): 1312. DOI: 10.3390/w14081312
•	Irannezhad M Liu I 2022 Evaluation of Six Gauge-Based
	Gridded Climate Products for Analyzing Long-Term Historical
	Precipitation Patterns Across the Lancang-Mekong River
	Basin Geography and Sustainability 3: 85-103 DOI:
	10 1016/i geosus 2022 03 002
	Chasemifar E Irannozhad M Minaei E Minaei M 2022 The
•	Bolo of ENSO in Historical Atmospheric Mater Vapor
	Variability during Cold Months over Iran Theoretical and
	Applied Climatology 148: 795, 817, DOI: 10.1007/s00704-022
	Applied Climatology 148. 755-817. DOI: 10.1007/300704-022-
	kannashad M. Ahmadi P. Liu I. Chan D. Matthews III. 2022
•	Clobal Water Security: A North Star in the Dark Sky of
	Achieving the Suctainable Development Goals Sustainable
	Horizons 1: 100005. DOI: 10.1016/j.horiz.2021.100005.
•	Irannezhad M, Liu J, Chen D. 2021. Extreme Precipitation
	Variability across the Lancang-Mekong River Basin during
	1952-2015 in Relation to Teleconnections and Summer
	Monsoons. International Journal of Climatology 42(5): 2614-
	2638. DOI: 10.1002/joc.7370.
•	Liu J, Chen D, Mao M, Irannezhad M, Pokhrel Y. 2021. Past
	and Future Changes in Climate and Water Resources in the
	Lancang-Mekong River Basin: Current Understanding and
	Future Research Directions. <i>Engineering</i> . DOI:
	10.1016/j.eng.2021.06.026.
•	Irannezhad M, Liu J, Chen D. 2020. Influential Climate
	Teleconnections for Spatio-temporal Precipitation Variability
	in the Lancang-Mekong River Basin from 1952 to 2015.
	Journal of Geophysical Research: Atmospheres 125(21):
	e2020JD033331. DOI: 10.1029/2020JD033331.
•	Lashkari A, Irannezhad M*, Zare H, Labzovskii L. 2020.
	Assessing Long-term Spatio-temporal Variability in Humidity
	and Drought in Iran using Pedj Drought Index (PDI). Journal of
	Arid Environment 185: 104336. DOI:
	10.1016/j.jaridenv.2020.104336.
•	Irannezhad M, Liu J, Ahmadi B, Chen D. 2020. The Dangers of
	Arctic Zombie Wildfires. <i>Science</i> 369(6508): 1171. DOI:
	10.1126/science.abe1739.
•	Lashkari A, Irannezhad M*. 2020. A Multicriteria Decision
	Analysis of Wheat Production Sustainability in the Semi-Arid
	Environment of Mashhad, Northeastern Iran. International
	Journal of Sustainable Agricultural Research 8(1): 1-16. DOI:
	10.18488/journal.70.2021.81.1.16.
•	Irannezhad M*. 2020. Effects of Temperature Variability and
	Warming on the Timing of Snowmelt Events in Southern



	Finland during the Past 100 Years. <i>Region-Water Conservancy</i> . DOI: 10.32629/RWC.V3I1.134.
•	Huang Y. Tian 7. Ke O. Liu i, Irannezhad M . Fan D. Hou M. Sun
	L 2019 , Nature-Based Solutions for Urban Pluvial Flood Risk
	Management: A Review Wiley Interdisciplingry Reviews:
	Water 7(3): e1421. DOI:10.1002/wat2.1421.
•	Irannezhad M*, Moradkhani H, Kløve B. 2018. Spatio-
	temporal Variability and Trends in Extreme Temperature
	Events in Finland over the Recent Decades: Influence of
	Atmospheric Circulation Patterns. Advances in Meteorology:
	7169840. DOI: 10.1155/2018/7169840.
•	Irannezhad M, Minaei M, Ahmadian S, Chen D. 2018. Impacts
	of Changes in Land Cover-Land Use and Climate on Floods in
	Gorganrood Watershed (Northeastern Iran) in Recent
	Decades. Geografiska Annaler: Series A, Physical Geography
	100(4): 340-350. DOI: 10.1080/04353676.2018.1515578.
•	Rasmus S, Kivinen S, Irannezhad M. 2018. Basal ice formation
	in snow cover in Northern Finland between 1948 and 2016.
	<i>Environmental Research Letters</i> 13: 114009. DOI:
	10.1088/1748-9326/aae541.
•	Pedretti D, Irannezhad M. 2018. Non-stationary peaks-over-
	threshold analysis of extreme precipitation events in Finland,
	1961-2017. International Journal of Climatology 39(2): 1128-
	1143. DOI: 10.1002/joc.5867.
•	Kiani S, Irannezhad M*, Ronkanen A-K, Moradkhani H, Kløve
	B. 2018. Analysis of Recent Climatic Warming Effects on Oulu-
	Halluoto Baltic Sea Ice Road. Cold Region Science and
	<i>Technology</i> (151): 1-8. DUI:
	10.1010/J.Coldregions.2018.02.010.
•	Iranneznau W ⁻ , Ronkanen A-K, Kidni S, Chen D, Kiøve B. 2017 .
	Drocinitation Patio in Einland and the Pole of Atmospheric
	Circulation Patterns Cold Regions Science and Technology
	143: 23-31 DOI: 10.1016/i coldregions 2017.08.008
•	Irannezhad M* Chen D Kløve B Moradkhani H 2017
-	Analysing the Variability and Trends of Precipitation Extremes
	in Finland and Their Connection to Atmospheric Circulation
	Patterns, International Journal of Climatology 37(S1): 10563-
	1066. DOI: 10.1002/joc.5059.
•	Irannezhad M*, Ahmadi B, Kløve B, Moradkhani H. 2017.
	Atmospheric Circulation Patterns Explaining Climatological
	Drought Dynamics in the Boreal Environment of Finland,
	1962-2011. International Journal of Climatology 37(S1): 801-
	817. DOI: 10.1002/joc.5039.
•	Minaei M, Irannezhad M. 2016. Spatio-temporal Trend
	Analysis of Precipitation, Temperature and River Discharge in



the Northeast of Iran in Recent Decades. *Theoretical and Applied Climatology* 131(1-2): 167-179. DOI: 10.1007/s00704-016-1963-y.
Irannezhad M*, Chen D, Kløve B. 2016. The Role of Atmospheric Circulation Patterns in Agroclimate Variability in Finland, 1961-2011. *Geografiska Annaler, Series A: Physical Geography* 98(4): 287-301. DOI:10.1111/geoa.12137.

- Menberu M, Tahvanainen T, Marttila H, Irannezhad M, Ronkanen A-K, Penttinen J, Kløve B. 2016. Water-Table Dependent Hydrological Changes Following Peatland Forestry Drainage and Restoration: Analysis of Restoration Success. Water Resources Research 52(5): 3742-3760. DOI: 10.1002/2015WR018578.
- Irannezhad M*, Marttila H, Chen D, Kløve B. 2016. Century-Long Variability and Trends in Daily Precipitation Characteristics at Three Finnish Stations. *Advances in Climate Change Research* 7: 54-69. DOI: 10.1016/j.accre.2016.04.004.
- Irannezhad M*, Ronkanen A-K, Kløve B. 2016. Wintertime Climate Factors Controlling Snow Resource Decline in Finland. International Journal of Climatology 36:110-131. DOI: 10.1002/joc.4332.
- Marttila H, Irannezhad M, Saukkoriipi J, Kløve B. 2015. Atmospheric Circulation Patterns Influencing Variations in Organic Carbon Fluxes in the River Oulujoki, Finland. *Water* and Environment Journal 29(4): 474-481. DOI: 10.1111/wej.12136.
- Irannezhad M*, Ronkanen A-K, Kløve B. 2015. Effects of Climate Variability and Change on Snowpack Hydrological Processes in Finland. *Cold Regions Science and Technology* 118: 14-29. DOI: 10.1016/j.coldregions.2015.06.009.
- Irannezhad M*, Kløve B. 2015. Do Atmospheric Teleconnection Patterns Explain Variations and Trends in Thermal Growing Season Parameters in Finland? International Journal of Climatology 35:4619-4630. DOI: 10.1002/joc.4311.
- Irannezhad M*, Torabi Haghighi A, Chen D, Kløve B. 2015. Variability in Dryness and Wetness in Central Finland and the Role of Teleconnection Patterns. *Theoretical and Applied Climatology* 122(3-4): 471-486. DOI: 10.1007/s00704-014-1305-x.
- Irannezhad M*, Chen D, Kløve B. 2015. Interannual Variations and Trends in Surface Air Temperature in Finland in Relation to Atmospheric Circulation Patterns, 1961-2011. International Journal of Climatology 35: 3078-3092. DOI: 10.1002/joc.4193.

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•	Irannezhad M* , Marttila H, Kløve B. 2014 . Long-term Variations and Trends in Precipitation in Finland. <i>International Journal of Climatology</i> 34: 3139-3153. DOI: 10.1002/joc.3902. Irannezhad M* , Hassani Nezhad Gashti E, Moback U, Kløve B. 2014 . Flood Control Structures in the River Göta älv to Protect Gothenburg City (Sweden) during the 21 st Century – Preliminary Evaluation. <i>International Journal of Civil, Architectural, Structural and Construction Engineering</i> 8(12): 1184-1180. DOI: 10.5281/zapado 1007202
•	Irannezhad M* , Hassani Nezhad Gashti E, Mohammadighavam S, Zarrini M, Kløve B. 2014 . Interannual Variations in Snowfall and Continuous Snow Cover Duration in Pelso, Central Finland, Linked to Teleconnection Patterns, 1944-2010. <i>International Journal of Environmental,</i> <i>Ecological, Geological and Mining Engineering</i> 8(12): 730-735. DOI: 10.5281/zenodo.1097295.
•	Hassani Nezhad Gashti E, Zarrini M, Irannezhad M , R. Langroudi J. 2014 . Evaluation of Traditional Methods in Construction and Their Effects on Reinforced-concrete Buildings Behavior. <i>International Journal of Civil, Architectural, Structural and Construction Engineering</i> 8(12): 1196-1202. DOI: 10.5281/zenodo.1097289.
3. Book Cl	hapters
•	Contributing Author Intergovernmental Panel on Climate Change (IPCC), Sixth Assessment Report (AR6), Working Group II (WG2), Climate Change 2021: Impacts, Adaptation and Vulnerability. Chapter 4: Water Leading Author
	Irannezhad M, Ahmadi B, Marttila H. 2022 . Chapter 12: Impacts of Climate Extremes over Arctic and Antarctic. In Ongoma V, Tabari H (Eds.): Climate Impacts on Extreme Weather: Current to Future Changes on a Local to Global Scale. <i>Elsevier</i> . DOI: 10.1016/b978-0-323-88456-3.00004-6
4. Technic	al Report
•	Ronkanen A-K, Irannezhad M , Menberu M, Marttila H, Penttinen J, Kløve B. 2015 . Effect of restoration and drainage on peatland hydrology A study of data before and after restoration at 46 sites in Finland. 15.03.2015. (Link)

5. Monographs



	 M. Irannezhad*. 2015. Spatio-temporal Climate Variability and Snow Resources Changes in Finland. Ph.D. Thesis, University of Oulu, Finland. M. Irannezhad*. 2010. A Sea Barrage in the Göta River – Possible or Impossible? M.Sc. Thesis, Chalmers University of Technology, Sweden.
Danar Dracantations at	
Professional Conferences:	17 Podium & 13 Poster Presentations in International Conferences
	2. Keynote Speaker
	 Irannezhad M, Remote Sensing of Arctic Zombie Wildfires. 5th FUM-GIS Day 2020, Ferdowsi University of Mashhad, Iran, 17 Dec 2020 Irannezhad M, Liu J, Chen D. Atmospheric Circulation Patterns Influencing Climatological Drought Variability over The
	Lancang-Mekong River Basin. 2nd Expert Meeting on Climate and Water Resources in Mainland Southeast Asia, Southern University of Science and Technology, Shenzhen, China, 5-7 Sep 2019
	 Irannezhad M, Moback U, Bergdahl L. Hydrological Feasibility of Flood Barriers to Protect the Gothenburg (Sweden) during the 21st Century - An Initial Assessment. NORDIC WATER 2014, The Nordic Hydrology Model - Linking science and practice, XXVIII Nordic Hydrological Conference, Stockholm, Sweden, 11-13 August, 2014
	3. Selected *Podium & *Poster Presentations
	 Irannezhad M*, Ahmadian S, Minaei M. Appropriate Distribution for Standardized Precipitation Index (SPI) in Arid and Semi-Arid Environments. XIII. International Conference on Water Resources and Arid Environments (ICWRAE 2019), Istanbul, Turkey, 24-25 Oct 2019
	 Irannezhad M*, Ahmadi B, Moradkhani H, Kløve B. The Role of Atmospheric Circulation Patterns in Climatological Drought Dynamics in Finland during 1962-2011. AGU FALL MEETING 2016, San Francisco, USA, 12-16 December, 2016.
	 Iranneznad W^T, Kiøve B. National Scale Assessment of Growing Season Climate in Finland in Relation to Atmospheric Circulation Patterns, 1961-2011. 20th Northern Research Basins Symposium and Workshop, Kuusamo, Finland, 16-22 August, 2015
	 Irannezhad M[#], Ahmadian S, Chen D, Kløve B. Analysis of Variability of Trends in Graded Daily Precipitation in Finland, 1908-2008. EGU2018, Vienna, Austria, 8-13 April, 2018 Irannezhad M[#], Rasmus S, Ahmadian S, Chen D, Kløve B. Spatio-temporal Variability and Trends in Frost-free Season



	 Parameters in Finland: Influence of Climate Teleconnections. ICWRMEE 2017: International Conference on Water Resources Management and Environmental Engineering. 2-3 October, 2017 Irannezhad M[#], Kløve B. Interannual Variability and Trends in Daily Temperature and Precipitation Extreme Indices in Finland in Relation to Atmospheric Circulation Patterns, 1961- 2011. ECU2016: Visense Austria, 17.22 April, 2016.
	2011. EGU2016, Vienna, Austria, 17-22 April, 2016
University Service including committee Membership:	 Co-Chair of Research and Faculty Development Committee, Department of Civil Engineering, Australian University-Kuwait Member of Curriculum Committee, Department of Civil Engineering, Australian University-Kuwait Member of Project-Based Learning (PBL) Committee, Department of Civil Engineering, Australian University-Kuwait Member of Departmental Disciplinary Committee, Department of Civil Engineering, Australian University-Kuwait
National Service:	NA
University Committees:	NA