

LUNA KHIRFAN

CURRICULUM VITAE

PERSONAL DATA

Name: Luna Khirfan

Rank: Associate Professor

Employment: The School of Planning, Faculty of Environment, the University of Waterloo,
Ontario

Personal webpage: <https://uwaterloo.ca/planning/people-profiles/luna-khirfan>

Research project's webpage: <https://uwaterloo.ca/stream-daylighting>

DEGREES

1. Ph.D., Urban & Regional Planning, the University of Michigan (2007): Urban & Regional Planning. Dissertation: Historic Preservation and Tourism Development: Planning for Distinctiveness and Sustainability in Heritage Tourism in Aleppo, Al-Salt, and Acre.
2. Graduate Certificate, Museum Studies, the University of Michigan (2008): Museum Studies Program.
3. M.A., Heritage Management, the University of Birmingham, UK (2000): The Ironbridge Institute for Heritage Management. Thesis: Establishing Sustainable Tourism at the Desert Castles in the Jordanian Badiya.
4. M.A., Archaeology, the University of Jordan (1995): Department of Archaeology. Thesis: The Church of Saint Stephen in Umm Er-Rasas, Castron Mayfa'a, an Analytical Study.
5. B.Sc., Architecture, the University of Jordan (1991): Department of Architecture.

AREAS OF RESEARCH INTEREST

1. Urban stream daylighting/de-culverting, ecological design, ecosystem services
2. Climate change adaptation, climate resilience, climate justice
3. Community engagement, participatory planning, and urban governance
4. Knowledge transfer and mobility
5. Historic preservation and cultural resource management

AWARDS

The Faculty of Environment Outstanding Achievement Award, 2020.

PUBLICATION LIST*

a) Books

1. Luna Khirfan, editor (2017). Order and disorder: urban governance and the making of Middle Eastern cities. McGill-Queens University Press: Montreal.
<https://www.mqup.ca/order-and-disorder-products-9780773549746.php>
2. Luna Khirfan (December 2014). World Heritage, Urban Design and Tourism: Three Cities in the Middle East. Routledge: London.

* The asterisk * indicates student co-authorship

<https://www.routledge.com/World-Heritage-Urban-Design-and-Tourism-Three-Cities-in-the-Middle-East/Khirfan/p/book/9780815399643>

b) Articles in refereed journals

1. Luna Khirfan (Forthcoming). Middle Eastern Urbanisation. Oxford Bibliographies.
2. Mark Pelling, Winston T. L. Chow, Eric Chu, Richard Dawson, David Dodman, Arabella Fraser, Bronwyn Hayward, Luna Khirfan, Timon McPhearson, Anjal Prakash & Gina Ziervogel (2021): A climate resilience research renewal agenda: learning lessons from the COVID-19 pandemic for urban climate resilience, *Climate and Development*
<https://doi.org/10.1080/17565529.2021.1956411>
3. Niloofar Mohtat* and Luna Khirfan (2021). The climate justice pillars vis-à-vis urban form adaptation to climate change: A review. *Urban Climate* 39, 100951
<https://doi.org/10.1016/j.uclim.2021.100951>
1. Megan Peck* and Luna Khirfan (2021). Improving the validity and credibility of sociocultural valuation of ecosystem services in Amman, Jordan. *Ecological Economics*, Vol. 189, pp 107111.
<https://doi.org/10.1016/j.ecolecon.2021.107111>
2. Luna Khirfan, Niloofar Mohtat*, Megan Peck*, Andrew Chan*, and Lucas Ma* (2020). Dataset for assessing the scope and nature of global stream daylighting practices. *Data in Brief*, Volume 33, 106366.
<https://doi.org/10.1016/j.dib.2020.106366>
3. Luna Khirfan, Megan Peck*, and Niloofar Mohtat* (2020). Digging for the Truth: A Combined Method to Analyze the Literature on Stream Daylighting. *Sustainable Cities and Society*. Volume 59, August 2020, 102225.
<https://doi.org/10.1016/j.scs.2020.102225>
4. Luna Khirfan, Megan Peck*, and Niloofar Mohtat* (2020). Systematic content analysis: A combined method to analyze the literature on stream daylighting (de-culverting). *MethodsX* 7 (2020) 100984.
<https://doi.org/10.1016/j.mex.2020.100984>
5. Luna Khirfan, Niloofar Mohtat*, and Megan Peck* (2020). A Systematic Literature Review and Content Analysis Combination to "Shed Some Light" on Stream Daylighting (Deculverting). The special issue of *Water Security* titled "Water, adaptation and resilience" co-edited by Dr. Aditi Mukherji and Dr. Martina Caretta. *Water Security* 10 (2020) 100067.
<https://doi.org/10.1016/j.wasec.2020.100067>
6. Luna Khirfan and Hadi El-Shayeb* (2019). Urban Climate Resilience through Socio-Ecological Planning: A Case Study in Charlottetown, Prince Edward Island. *Journal of Urbanism*. Volume 13, Issue 2, Pages: 187-212.
<https://doi.org/10.1080/17549175.2019.1650801>
7. Tapan Dhar* and Luna Khirfan (2017). A multi-scale and multi-dimensional framework for enhancing the resilience of urban form to climate change. *Urban Climate* 19 (2017) 72–91.
<https://doi.org/10.1016/j.uclim.2016.12.004>
8. Tapan Dhar* and Luna Khirfan (2017). Climate Change Adaption in Planning and Design Research: Missing Links and Research Agenda. *Journal of Environmental Planning and Management*. Volume 60, Number 4, pages: 602-627.

<https://dx.doi.org/10.1080/09640568.2016.1178107>

9. Luna Khirfan and Mandy Zhang* (2016). Climate Change Adaptation in Tobago. ARCH+ Planetary Urbanism: The Transformative Power of Cities. Volume 223, May 2016, pages 178-181.
10. Tapan Dhar* and Luna Khirfan (2016). Community-based Adaptation through Ecological Design: Lessons from Negril, Jamaica. *Journal of Urban Design*, Volume 21, Issue 2, pages: 234–255.
<https://doi.org/10.1080/13574809.2015.1133224>
11. Luna Khirfan and Zahra Jaffer* (2014). Sustainable Urbanism in Abu Dhabi: Transferring the Vancouver Model. *Journal of Urban Affairs*. Volume 36, Issue 3, pages 482–502.
<https://doi.org/10.1111/juaf.12050>
12. Luna Khirfan, Bessma Momani, and Zahra Jaffer* (2013). Whose authority? Exporting Canadian urban planning expertise to Jordan and Abu Dhabi. *Geoforum*. Volume 50, pages 1–9.
<https://doi.org/10.1016/j.geoforum.2013.07.007>
13. Bessma Momani and Luna Khirfan (2013). Explaining the Use of Consultants in Ontario Cities. *Canadian Public Administration*. Volume 56, Issue 3, pages 391–413.
<https://doi.org/10.1111/capa.12027>
14. Khirfan, Luna and Bessma Momani (2013). (Re)Branding Amman: the values, the image and the making of place. *Place Branding and Public Diplomacy*. Volume 9, pages 49–65.
<https://doi.org/10.1057/pb.2013.1>
15. Luna Khirfan (2013). Ornamented Facades and Panoramic Views: The Impact of Tourism Development on al-Salt's Historic Urban Landscape. *The International Journal of Islamic Architecture*. Volume 2, No. 2, pages 307–324.
https://doi.org/10.1386/ijia.2.2.307_1
16. Luna Khirfan and Zahra Jaffer* (2012). Canadian Planning Knowledge in the Middle East: Transferring Toronto to Amman and Vancouver to Abu Dhabi. *The Canadian Journal of Urban Research*, special issue on Canadian Planning and Policy, pages 1–28.
<https://www.jstor.org/stable/26193896>
17. Luna Khirfan (2011). From Toronto to Amman: the cross-national transfer of planning knowledge. *The Journal of Planning Theory and Practice*. Volume 12, Issue 4, pages 525–547.
<https://doi.org/10.1080/14649357.2011.626307>
18. Luna Khirfan (2011). GIS, town plan analysis, and historical archival research: understanding the links between inherited built forms and contemporary urban design. *Urban Morphology*. Volume 5, Issue 1, pages 39–53.
19. Luna Khirfan (2010). Traces on the palimpsest: Heritage and the urban forms of Athens and Alexandria. *Cities*. Volume 27, Issue 5, pages 315–325.
<https://doi.org/10.1016/j.cities.2010.03.009>
20. Luna Khirfan (2010). From Documentation to Policy Making: Management of Built Heritage in Old Aleppo and Old Acre. *Traditional Dwellings and Settlements Review*. Volume 21, Issue 2, pages 35–54.

c) Book chapters (refereed)

1. Luna Khirfan and Hadi El-Shayeb* (2021). Charlottetown's climate adaptation: reclaiming

- land 'from' or 'for' water? In *Terra, Sorta, Firma: Developing the Littoral Gradient*, edited by Fadi Masoud with Brent D. Ryan. ACTAR: Barcelona, Spain. Pages 246-257
2. Luna Khirfan (2020). The new climate urbanism: a physical, social, and behavioural framework. Chapter 11 in *Climate urbanism: towards a critical research agenda*, edited by Vanesa Castán Broto, Enora Robin, Aidan While. Palgrave MacMillan: London, UK. Pages: 171-193.
 3. Luna Khirfan (2019). Planning and unplanning Amman: Between formal planning and non-traditional agency. In *The Palgrave Handbook of Bottom-Up Urbanism*, edited by Konrad Kickert and Mahyar Arefi. Palgrave MacMillan: Cham. Pages: 201-218.
 4. Brown, H.C.P., Angus, R., Armitage, D., Brown, S., Charles, A., Khirfan, L. and J. MacFadyen (2017). Building Resilient Coastal Communities in the Context of Climate Change. In *Building Community Resilience: From Dark Horses to White Steeds*. Edited by: L. Brinklow and R. Gibson. Island Studies Press, Charlottetown, PEI. Pages: 169-190.
 5. Luna Khirfan (2017). Introduction to *The Middle East's New Urban Landscape: Urban Governance and Participatory Planning*. Edited by Luna Khirfan. McGill-Queens University Press: Montreal. Pages: 3-31.
 6. Luna Khirfan and Bessma Momani (2017). Tracing Participatory Planning In Amman. In *The Middle East's New Urban Landscape: Urban Governance and Participatory Planning*. Edited by Luna Khirfan. McGill-Queens University Press: Montreal. Pages: 79-102.
 7. Luna Khirfan (2017). Suburban Redesign, Human Scale. Essay in: Still Detached and Subdivided? Suburban Ways of Living in North America, edited by Markus Moos and Robert Walter-Joseph. Jovis, Berlin. Pages: 123-127.
 8. Luna Khirfan (2016). 'Design charrettes: an approach to community climate change adaptation in Tobago.' In 'Global Change and the Caribbean: Adaptation and Resilience', edited by David Barker, Duncan McGregor, Kevon Rhiney, and Thera Edwards. The University of the West Indies Press and Jamaica National Foundation: Kingston, Jamaica. Pages: 223-247.
 9. Luna Khirfan (2016). Design and beyond: accessibility at community gardens in the Region of Waterloo, Ontario. Chapter in *Planning Canada: A Case Study Approach*. Edited by: Ren Thomas. Oxford University Press Canada. Pages: 106-116.
 10. Luna Khirfan (2015). Place experience and place making in World Heritage Cities. Chapter 12 in *World Heritage, Tourism and Identity: Inscription and Co-production*, edited by Laurent Bourdeau, Maria Gravari-Barbas, and Mike Robinson. Ashgate Publishing Co. Pages: 157-171.

d) Book chapters (non-refereed)

1. Khirfan, Luna (2017). Redesigning suburbs, human scale. In M. Moos and R. Walter-Joseph (Eds.), Still Detached and Subdivided? Suburban Ways of Living in 21st Century North America. Berlin: Jovis Verlag.
2. Luna Khirfan (2015). Place experience and place making in World Heritage Cities. Chapter 12 in *World Heritage, Tourism and Identity: Inscription and Co-production*, edited by Laurent Bourdeau, Maria Gravari-Barbas, and Mike Robinson. Ashgate Publishing Co. P: 157-171.
3. Luna Khirfan (2014). Learning from Petra. Essay in: Ecotourism, Nature Conservation and Development: Re-imagining Jordan's Shobak Arid Region. Edited by Aziza Chaouni. Birkhauser: Basel. Pages: 28-31.

4. Luna Khirfan (2014). Documentation and Policy Making: Preserving the Built Heritage or the Life Within? Chapter 11 in: *World Heritage and National Registers: Stewardship in Perspective*, edited by Celeste Guichard and Thomas Gensheimer. Transaction Publications, a branch of Rutgers University Press. Pages: 123-137.

e) Conference proceedings (refereed)

1. Luna Khirfan, Alison Elliott*, and Niloofar Mohtat (2021). Daylighting Amman's lost stream: a far-fetched or an attainable conception? Proceedings of the XXVIII International Seminar on Urban Form (ISUF) 2020: Urban form and the Sustainable and Prosperous Cities.
2. Niloofar Mohtat * and Luna Khirfan (2020). Distributive Justice and Urban Form Adaptation to Flood Risks: A GIS-Based Study for the Identification of Priority Areas for the Just Allocation of GBIs in Toronto. Proceedings of the XXVII International Seminar on Urban Form (ISUF) 2020: Cities in the Twenty-First Century.
3. Fadi Masoud, Liat Margolis, and Luna Khirfan (2011). Integrated Water-Management: Landscape Infrastructure & Urban Morphology in the Jordan River Watershed. *Proceedings of Conservation of Architecture, Urban Areas, Nature & Landscape, a CSAAR Conference*. Pages 49-64.
1. Luna Khirfan (2011). Place experience and place making in World Heritage Cities. *The proceedings of World Heritage and Tourism: Managing the Global and the Local (2010)*, Quebec City, Canada, June 2-4, 2010. Presses de l'Université Laval. ISBN 2763794386, 9782763794389.
2. Luna Khirfan (2010). Traditional Urban Landscapes in Jordan: between cultural intimacy and mass mediation. *Proceedings of the Twelfth Conference of the International Association for the Study of Traditional Environments (IASTE)*. Beirut, Lebanon. *IASTE Working Paper Series Volume 238: Architecture, Tradition, and the Utopia of the Nation-State*.
3. Luna Khirfan (2003). *Planning for Sustainable Tourism in the Dead Sea Basin* presented at Crossing Disciplinary Boundaries in the Urban and Regional Contexts, a symposium held at the University of Michigan in March and April of 2003.

f) Conference proceedings (non-refereed)

1. Luna Khirfan (2019). Conflicts, Challenges, and Innovations: Preserving Old Acre's Urbanism. Invited paper at the Heritage and Conflict in the MENA Region, a symposium at Brandenburg University of Technology in Cottbus, Germany between 28-29 October 2019
2. Luna Khirfan (2019). The New Climate Urbanism: A Physical, Social, and Behavioural Framework. Presented at the New Climate Urbanism: An International Workshop on the changing relationship between cities and climate change. The Urban Institute, the University of Sheffield, UK on 4 and 5 September 2019.
3. Luna Khirfan (2015). Design charrettes: an approach to community climate change adaptation in Charlottetown, PEI. Presented at the North Atlantic Forum "Building Resilient Communities: Innovation, Culture, and Governance in Place", held in Summerside, Prince Edward Island between 16 – 19 September 2015.
4. Luna Khirfan (2014). Design charrettes: an approach to community climate change adaptation in Tobago. Presented at the Caribbean Region: Adaptation and Resilience to Global Change, an International Seminar at the University of the West Indies, Mona Campus, Jamaica, June 24th-27th, 2014.

5. Luna Khirfan, Catherine Yoon*, Megan Kevill*, and Jacqueline Lee* (2012). Ecological Landscape Urbanism, Urban Design, and Urban Morphology: The Covering and Daylighting of Amman's and Seoul's Urban Streams. Paper presented at the Canadian Association of Geographers' Annual Meeting, Waterloo, Ontario, 28 May – 2 June 2012.
6. Zahra Jaffer* and Luna Khirfan (2012). Sustainable Urbanism in Abu Dhabi: Transferring the Vancouver Model. Paper presented at the Canadian Association of Geographers' Annual Meeting, Waterloo, Ontario, 28 May – 2 June 2012.
7. Luna Khirfan and Mojgan Rasouli* (2012). Public Participation in World Heritage Planning: the Evolution of a Concept. Paper presented at the Canadian Association of Geographers' Annual Meeting, Waterloo, Ontario, 28 May – 2 June 2012.
8. Mojgan Rasouli* and Luna Khirfan (2012). The evolution of the concept of public participation in heritage planning with particular focus on ICOMOS Charters and UNESCO Operational Guidelines. Paper presented at the Association of European Schools of Planning's Annual Congress, Ankara, Turkey, 11 – 15 July 2012. Abstract ID: 931 – Oral Track: 17. Planning Practice.
9. Luna Khirfan (2010). The Global Transfer of Planning Ideas: From Toronto to Amman and Back. Paper presented at the Association of Collegiate Schools of Planning (ACSP) conference, Minneapolis, USA, 7-11 October 2010.
10. Khirfan, Luna. Traces on the palimpsest: heritage and the urban forms of Athens and Alexandria. Paper presented at the World Congress for Middle Eastern Studies (WOCMES), Barcelona, Spain, July 19-24, 2010.
11. Luna Khirfan (2009). Heritage and Community Engagement: from Tokenism to Empowerment. Paper presented at the Traditions and Transformations: Tourism, Heritage and Cultural Change in the Middle East and North Africa Region Amman, Jordan, 4-7 April 2009.
12. Luna Khirfan (2009). Documentation and policy-making: preserving the built heritage or the life within? Paper presented at the 6th Savannah Symposium: World Heritage in Perspective, the Department of Architectural History at the Savannah College of Art and Design, USA, 19-21 February 2009.
13. Luna Khirfan (2008). From documentation to policy-making, the missing links in the curatorial management of built heritage. Paper presented at the 6th Conference on Science and Technology in Archaeology and Conservation, Rome, Italy, 8-14 December 2008.
14. Luna Khirfan (2007). Regulations and the Life Within. Paper presented at the Association of Collegiate Schools of Planning (ACSP) Conference, Milwaukee, Wisconsin, 18-21 October 2007.
15. Luna Khirfan (2006). Three historic cities, three historic preservation approaches, and three consequences. Paper presented at the Association of Collegiate Schools of Planning (ACSP) conference, Ft Worth, Texas, 9-12 November 2006.
16. Luna Khirfan (2005). Place-as-Product: planning for heritage tourism in historic towns. Paper presented at the ACSP Conference, Kansas City, Missouri, 27-30 October 2005.
17. Luna Khirfan (2005). Welcome to Our Traditional Home. Paper presented at the Annual Meeting of the Society for Applied Anthropology (SfAA), Santa Fe, NM, 5-10 April 2005.
18. Luna Khirfan (2002). From Glasgow to Amman: Historic Cities, Tourism and the Sense of Civic Pride. Paper presented at the First International Conference on Science and Technology in Archaeology and Conservation, Zarqa, Jordan, August 2002.

19. Luna Khirfan (2002). A Framework for Sustainable Tourism at the Dead Sea Basin. Paper presented at the First International Conference on Science and Technology in Archaeology and Conservation, Zarqa, Jordan, August 2002.

g) Reports – refereed

I am a Lead Author (LA) for “Chapter 6: Cities, Settlements and Key Infrastructure” in the Sixth Assessment Report by Working Group II on Adaptation of the Intergovernmental Panel on Climate Change (IPCC).

Chapter 6’s Coordinating Lead Authors are: David Dodman (Jamaica/United Kingdom); Bronwyn Hayward (New Zealand); Mark Pelling (United Kingdom).

Chapter 6’s Lead Authors are (alphabetically): Vanesa Castán Broto (United Kingdom/Spain); Winston Chow (Singapore); Eric Chu (USA/Hong Kong, Special Administrative Region, China); Richard Dawson (United Kingdom); Luna Khirfan (Canada); Timon McPhearson (USA); Anjal Prakash (India); Yan Zheng (China); Gina Ziervogel (South Africa).

h) Datasets

The following datasets are refereed and connect to the refereed article published in Data in Brief (<https://doi.org/10.1016/j.dib.2020.106366>)

1. Luna Khirfan, Megan Peck*, Niloofar Mohtat*, and Nathan Woodcock (2020). *The Stream Daylighting Literature Review & The Stream Daylighting and Climate Change Literature Review Datasets (Datasets I and II)*. Available through: <http://dx.doi.org/10.17632/j5zfp5vdz4.3>
2. Luna Khirfan, Niloofar Mohtat*, Megan Peck*, and Andrew Chan (2020). *The Stream Daylighting Literature Review Case Studies/Projects Dataset (Dataset III)*. Available through: <http://dx.doi.org/10.17632/dmpcs82b23.2>
3. Luna Khirfan, Megan Peck*, Niloofar Mohtat*, and Nathan Woodcock (2020). *The Tableau Dashboard (Dataset IV)*. Available through: <https://uwaterloo.ca/stream-daylighting/literature-review-database>
4. Luna Khirfan, Megan Peck*, Niloofar Mohtat*, and Andrew Chan* (2020). *The Interactive Map (Dataset V)* Available through: <https://uwaterloo.ca/stream-daylighting/interactive-map>

i) Book reviews

1. Luna Khirfan (2017). Review of *A Place in Mind: Designing Cities for the 21st Century* by Avi Friedman. *Canadian Journal of Urban Research*. Volume 26, Issue 1, pages 68-69.
2. Luna Khirfan (2009). Review of *Conservation in the Age of Consensus* by John R. Pendlebury, Oxford: Routledge, 2008. *Journal of Planning Theory and Practice* 10 (4): 551-557.
3. Luna Khirfan (2002). Review of *Tourists in Historic Towns, Urban Conservation and Heritage Management* by Aylin Orbaşlı, London: Spon, 2000. *Journal of American Planning Association* (JAPA), summer 2002, vol. 68 number 3: 337-337.

j) Manuscripts in submission

1. Luna Khirfan, Niloofar Mohtat*, Ben Daub*, and Alison Elliott* (under review). Reading an urban palimpsest: how the gradual loss of an urban stream impacts urban form's connections and ecosystem functions. *Frontiers in Water's* section on Water and Built Environment, Special Topic Urban Water Management, Planning, and Design: Links, Opportunities, and Challenges.
2. Zachary Lamb and Luna Khirfan (Under review). Designing Climate Transformation: Past Inspiration and Future Aspiration. *Journal of Planning Literature's* special issue on Planning for Climate Transformations, edited by Linda Shi and Joan Fitzgerald
3. Megan Peck* and Luna Khirfan (under review). Deliberative Q-method: A combined method for understanding the ecological value of urban ecosystem services and disservices. *MethodsX*.
4. Tapan Dhar* and Luna Khirfan (under review). A Sixfold Urban Design Framework to Assess Climate Resilience: Generative Transformation in Negril, Jamaica. *PLOS One*.

k) Manuscripts in preparation

1. Niloofar Mohtat* and Luna Khirfan. Distributive justice and urban form adaptation to flood risks: a GIS-based study for the identification of priority neighborhoods in Toronto.
2. Luna Khirfan and Niloofar Mohtat. Transformative ecological design: a comparative study of Seoul's Cheonggyecheon and Zürich's Bachkonzept (stream daylighting).
3. Luna Khirfan, Niloofar Mohtat*, Megan Peck*. Is climate change relevant? Mainstreaming the debates on Climate Change Adaptation in Amman, Jordan: A survey of a societal segment.
4. Shahad Kashmiri* and Luna Khirfan. Place-identity and image: a socio-cultural lens on the rehabilitation of Wadi Hanifah's historic wetland (Saudi Arabia).
5. Luna Khirfan. Urban form and ecological design: temporal spatial analysis of Zürich's Bachkonzept
6. Luna Khirfan. Nature in the city: temporal spatial analysis of Seoul's Cheonggyecheon.
7. Niloofar Mohtat* and Luna Khirfan. The recognition of local knowledge: identifying epistemic causes under the unequal distribution of flood risks in Thorncliffe Park neighborhood, Toronto.
8. Niloofar Mohtat* and Luna Khirfan. Nature-based solutions for adaptation to floods: a procedurally just framework for addressing local immediate needs in Thorncliffe Park, Toronto.

l) Other publications

1. Luna Khirfan. Fall 2017. Adapting to climate change: Negril, Jamaica. Invited paper to International Agenda, official magazine of the Schoolcraft College International Institute (SCII). Available through: <https://www.schoolcraft.edu/scii/international-agenda>
2. Luna Khirfan. 27 June 2006: *A Jordanian in Haifa*. The Jerusalem Post, Israel. Op-Ed section. Available at: <http://www.jpost.com/Opinion/Op-EdContributors/Article.aspx?id=26108>
3. Luna Khirfan. March 30th, 2000: *Regrettable end or regrettable beginning?* The Jordan Times, Jordan. Op-Ed section, page 3.

OTHER PUBLICATION CONTRIBUTIONS

I have been invited by the journal Sustainability (<https://www.mdpi.com/journal/sustainability>) to serve as Guest Editor for a special issue on “Sustainability and stream daylighting research”: https://www.mdpi.com/journal/sustainability/special_issues/river_sustainability

RECORD OF FUNDING APPLICATIONS[†] (selected)

Project	Agency	Role	Amount Received	Year
The Middle East’s New Urban Landscape: Case studies on Urban Governance and Practice	The University of Waterloo	Book editor	\$8000	2016
The Potential of Daylighting (Deculverting) Urban Streams for Climate Change Adaptation and Mitigation and for Place-Making: Amman’s Seil and Seoul’s Cheonggyecheon	SSHRC (Insight Grant)	Primary Investigator (PI) & sole applicant	\$243,814	2016
A Contested Public Realm: Development, Inequality, and Mobility in Amman and Beirut	Arab Council for the Social Sciences, Beirut	PI	US \$45,000	2013
Developing a Network of Middle East Scholars Studying Participatory Planning in the Middle East Urban Landscape	Waterloo International & Waterloo Research (International Research Partnership Grants)	CI	\$10,000	2012
Developing a Network of Middle East Scholars Studying Participatory Planning in the Middle East Urban Landscape	Columbia Global Centres, Amman	PI	US \$5,000 [‡]	2012

[†] All currencies are in Canadian dollars unless otherwise indicated.

[‡] In addition to this cash support, I secured in kind support from Columbia Global Centres, Amman, in the form of: a) two administrative staff members who handled all logistics related to the book workshop; b) all the facilities and equipment at Columbia Global Centres, Amman.

The Middle East's New Urban Landscape: Inclusive Urban Planning or Democratic Deficit?	SSHRC-IDG	PI	\$73,856	2011
The Global Applicability of Planning Models: Lessons from Toronto and Vancouver to Amman and Abu Dhabi, and back	SSHRC	PI	\$23,695	2011
Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA)	IDRC and the Canadian Research Councils (SSHRC, NSERC, CIHR)	Co-Applicant	\$2.5 million My share = \$100,000	2011
The Global Applicability of Planning Models: Lessons from Toronto and Vancouver to Amman and Abu Dhabi, and back	Columbia Global Centres, Amman	PI	US \$20,000	2010
Jordan's New Urban Landscape: Inclusive Urban Planning or Democratic Deficit?	SSHRC-RDI	CI	\$8,000 (4-A status)	2010
Jordan's New Urban Landscape: Inclusive Urban Planning or Democratic Deficit?	Amman Institute for Urban Development	PI	\$8,000	2010
The Global Applicability of Planning Models: Lessons from Toronto to Amman...and back?	UW SEED-SSHRC	PI	\$4,285	2008

INNOVATIVE DESIGN

Khirfan, Luna and Mandy Zhang (2015). Community-Based Climate Change Adaptation in Tobago. Second category winner in the international design competition titled "Planetary Urbanism – Critique of the Present in the Medium of Information Design" by UN-HABITAT and ARCH+.

INVITED PRESENTATIONS

1. Rotary Club, Charlottetown, PEI: invited talk on 14 July 2020. Rotary, Charlottetown, PEI: invited talk.
2. Luna Khirfan. 28 October 2019. Conflicts, Challenges, and Innovations: Preserving Old Acre's Urbanism. Invited keynote at the Heritage and Conflict in the MENA Region, a symposium at Brandenburg University of Technology in Cottbus, Germany between 28-29 October 2019
3. Luna Khirfan. 4 September 2019. The New Climate Urbanism: A Physical, Social, and Behavioural Framework. Invited paper at the New Climate Urbanism: An International Workshop on the changing relationship between cities and climate change. The Urban Institute, the University of Sheffield, UK on 4 and 5 September 2019.
4. Luna Khirfan. 2 May 2018. Urban Design and Urbanism: Theoretical and Empirical Discourses. Invited talk at the John H. Daniels Faculty of Architecture, Landscape, and Design, the University of Toronto.
5. Luna Khirfan. 10 May 2018. Urban Conservation: challenges and lessons from three cities in the Middle East, an invited talk at the Architectural Conservancy of Ontario, North Waterloo Region
6. Luna Khirfan. 11 April 2018. Order and Disorder: Urban Governance and the Making of Amman. Invited talk at Columbia Global Centers / Amman as part of the Studio-X Talk (#38).
7. Luna Khirfan. 25 March 2018. Inclusive Planning as a Roadmap for Effective Urban Governance in Jordan. Invited paper to the "Urban Governance in a Comparative Perspective" workshop/symposium – a collaboration between the Center for Arab Societies and Environments Studies at the University of California, Berkeley and The King Salman Center for Local Governance at the Prince Sultan University in Riyadh, Saudi Arabia.
8. Luna Khirfan. 29 September 2017. Local ecological knowledge: building urban resilience through transformation. Invited presentation for the Geography Speaker Series, the Department of Geography, The University of Western Ontario
9. Luna Khirfan. 13 April 2017: *Which Jordan? Political rationality, heritage manipulation, and identity discourses in Jordan*. Invited paper and presentation at the 2017 IMES Annual Conference "Restless Matters: The Socio-Political Lives of Historical Sites and Objects in the Middle East", the Institute for Middle East Studies at The George Washington University, Washington, D.C.
10. Luna Khirfan. 20-23 September 2016. *Innovative Community Design for Preserving Culture on Canadian and Caribbean Islands*. Invited paper and presentation at the international symposium Building Small Island Resilience to Global Climate Change, hosted by University of Prince Edward Island's Climate Research Lab and the new UNESCO Chair in Island Studies and Sustainability at UPEI's Institute of Island Studies.
11. Luna Khirfan. Fall 2013. Master of Landscape Architecture, the University of Toronto: guest lecturer for a land use studio taught by Fadi Masoud and Fionne Byrne.
12. Luna Khirfan. 2 March 2012. Ryerson University's SURP Expo – an initiative by the Ryerson Association of Planning Students for the Undergraduate Urban and Regional Planning program (SURP). Lecture titled "Place Making and Place Experience at World Heritage Cities".
13. Luna Khirfan. 2011. The German-Jordanian University, a public university based in Amman, Jordan: served as a Guest Lecturer in their graduate program on three separate occasions.

14. Luna Khirfan. July 2011: *A Tale of Three Cities: Debating our Urban Future*. In my capacity as Visiting Fellow at Columbia University Middle East Research Center, I co-organized and participated as a moderator and panelist in a three-part series of urban planning movies. This public event was co-hosted by the Amman Institute for Urban Development.
15. Luna Khirfan. July 10, 2011: *Inclusive Urban Planning: How Public is Amman's Public Realm?* Invited to present at the Amman Lab, an urban design studio organized by Columbia University's Graduate School of Architecture, Planning and Preservation and hosted by Columbia University Middle East Research Center (CUMERC) in Amman.
16. Luna Khirfan. 12 June 2011 and 24 July 2011: *Planning Theories and Practices*. Invited by the Amman Institute for Urban Development and the UN-Habitat to offer an academic lecture to a group of high-ranking Iraqi planners and policy-makers.
17. Luna Khirfan. 7 March 2011: *Jordan's New Urban Landscape: Achieving Inclusive Urban Planning?* Invited to offer this presentation by Ghent University, Germany, the German Jordanian University, and the Amman Institute for Urban Development.
18. Luna Khirfan. 16 February 2011: *From Documentation to Policy-Making: Managing Old Aleppo's Built Heritage*. Invited to offer this public lecture by Columbia University Middle East Research Center in Amman, Jordan and the Amman Institute for Urban Development.
19. Luna Khirfan. January 2006: *Place as Product, Planning for Distinctiveness and Sustainability in Heritage Tourism*. Invited to offer this presentation twice: firstly at the Technion University in Haifa, Israel and secondly, at Bezalel Art Academy in Jerusalem, Israel.
20. Luna Khirfan. April 2005: *The Desert Castles in the Jordanian Badiya*. Invited by the Detroit Institute of Art, Detroit, Michigan, to offer a presentation for the Public Lecture Series.
21. Luna Khirfan. 22 October 2005: *Tourism, representation, and the identity of place*. Invited to offer this presentation by the organizers of the Rackham Interdisciplinary Workshop, the University of Michigan, Ann Arbor.
22. Luna Khirfan. 2005: *The Home & Self Representation in Tourism*. Invited to offer this presentation by the American Association of University Women (AAUW), Wyandotte Branch, Michigan.

SERVICE

I. Committees

a) **University of Waterloo**

1. Member of the Campus Wayfinding Advisory Group. April 2020 – ongoing.
2. Member of the Human Research Ethics Committee. September 2015 – October 2019.
3. Chairing Ph.D. Examinations. September 2013 – September 2015.
4. Center for Career Action: served as a Faculty Panelist in the seminar titled "International Research Opportunities." Fall 2011.
5. CUT and Internationalization Centre for Teaching Excellence, UW: served as a Faculty Panelist in a workshop for international TAs at UW titled "Teaching Canadian Students: Tips from International Faculty." Winter 2010.

b) Faculty

1. Faculty of Environment Council. September 2009 – August 2014.
2. Rosen Award Committee. Winter 2008 and Fall 2009.
3. International Development Faculty Hiring Committee. Winter 2008.

c) Department/School

1. School of Planning Tenure and Promotion Committee. May 2015 – on-going
2. Library liaison faculty member for the University of Waterloo Library. September 2014 – on-going.
3. Hiring Committee for two positions “urban services” and “health and planning”. Winter 2013.
4. Article-based thesis subcommittee. Winter 2012.
5. Internationalization sub-committee. Winter 2010.

II. Community service (academic)

1. Member of the Editorial Board of the following academic journals:
 - a. Journal of Regional Environmental Change. March 2020 – ongoing.
 - b. Urban Morphology: Journal of the International Seminar on Urban Form (ISUF). July 2017 – ongoing.
 - c. Journal of Korean Living Environment System, Seoul, Korea: August 2016 – ongoing.
2. Invited and served as Member of the Scientific Committee for the International Seminar on Urban Form’s (ISUF) upcoming 2020 conference. I reviewed 10 abstract submissions.
3. Invited and served as Member of the Scientific Committee of the Silk Cities Conference, The Bartlett School of Architecture, University College, London. Reviewed a total of six paper submissions for this conference. Between 21 December 2016 until 15 July 2017.
4. Academic and Founding Member of the Council for Canadian Urbanism (Can-U). October 2009 – 2016.
5. Member of the International Seminar on Urban Form (ISUF).
6. UNESCO Middle East headquarters in Amman, Jordan: I was invited to participate in an Experts’ Advisory Group to debate the Risk Mapping Project that was carried out by UNESCO in partnership with the University of Leuven (Belgium), the Department of Antiquities (DoA), and the Petra Development Tourism Regional Authority (PDTRA). Together with the other experts, I addressed particularly the methodology that was used to define and assess risks at the Petra Archaeological Park (PAP) –a UNESCO World Heritage Site, and a major tourist attraction. My involvement continued after my return to Canada in September 2011 through teleconferencing to the subsequent meetings. Between 4 July 2011 and 1 July 2012.
7. Organized a ‘design charrette’ for the Region of Waterloo Public Health and other local partners. The charrette was held at the School of Planning, and I involved over 50 Undergraduate and Graduate students in this community service and learning experience. I supervised the students for two weeks after the charrette as they refined their proposed designs for four different community gardens to become accessible to physically challenged users. Fall 2010.

III. Reviews and refereeing

Since February 2018, I have reviewed several IPCC reports for Working Groups I, II, and III. I have also reviewed several book proposals for Routledge, grant applications (within Canada and beyond), as well as, on average, one journal article per month for, among many others:

1. Journal of Urban Morphology
2. Journal of Urban Design
3. Building and Environment
4. Urban Geography
5. Environment and Planning A
6. Environment and Planning B
7. Landscape and Urban Planning
8. Journal of European Planning Studies
9. Journal of Architecture and Urbanism
10. Cities
11. Journal of Urban Affairs
12. Journal of Planning Theory and Practice

e. Visiting critic panels:

1. School of Architecture, the University of Waterloo: Master of Architecture reviews (October 2018, February 2019).
2. The American University of Madaba, Jordan: fourth year Architecture reviews (April 2018)
3. Daniels Faculty of Architecture Landscape and Design, the University of Toronto: Master of Landscape Architecture final thesis reviews (April 2013, January and March 2012, March 2010).
4. The German-Jordanian University in Amman, Jordan: Final theses proposals for the MA students (April 2011).

MEDIA APPEARANCES

Since 2014 I have conducted several media interviews, including, among several others:

1. Interview with La Presse, Toronto, July 2021, available through:
<https://www.lapresse.ca/societe/2021-08-02/piscines-et-jeux-d-eau-a-montreal/des-arrondissements-plus-choyes-que-d-autres.php>
2. Interview with Global News, Toronto, July 2019, available through:
<https://globalnews.ca/news/5434618/best-buildings-heatwave-climate-change/>
3. Interview on CBC Radio, Charlottetown, PEI, June 2015, available through:
<http://www.cbc.ca/news/canada/prince-edward-island/saving-charlottetown-heritage-as-sea-levels-rise-1.3098423>
4. Interview on CBC Radio, Charlottetown, PEI, September 2015, available through:
<http://www.cbc.ca/news/canada/prince-edward-island/flood-threat-could-be-managed-with-charlottetown-parks-1.3236442>

5. Interview on CBC Radio 1's Spark! with Nora Young. Aired on 14 December 2014.