

## CURRICULUM VITAE

2018

**a) Name**

Ali Asgary

**b) Address**

Emergency Management Program, School of Administrative Studies,  
Faculty of Liberal Arts and Professional Studies,  
York University, 4700, Keele Street., Toronto, Ontario, Canada, M3J 1P3  
Tel. 416 736 2100 Ext. 22879  
E-mail: [asgary@yorku.ca](mailto:asgary@yorku.ca)

**c) Education**

- PhD University of Newcastle upon Tyne (England), School of Architecture, Planning and Landscape, 1996.
- M.A. Degree Tehran University, Economic Development and Planning, 1990.
- B.Sc. Degree Tehran University, Economics, 1987.

**d) Employment History****i) Academic**

- Executive Director, Advanced Disaster, Emergency & Rapid Response Simulation, York University, 2015-present.
- Area Coordinator, Bachelor of Disaster & Emergency Management, York University, 2013-2017.
- Graduate Program Director, Disaster and Emergency Management, York University, 2010-2013.
- Adjunct Faculty, School of Information Technology, York University, 2008-present.
- Emergency Management Program, York University, Associate Professor, Tenured, July 2007-Present.
- Emergency Management Program, York University, Assistant Professor, July 2005-July 2008.
- Department of Applied Disaster and Emergency Studies, Brandon University, Assistant Professor, Tenure Track, February 2003- June 2005.
- Tarbiat Modares University, Department of Urban & Regional Planning, Assistant Professor, Tenure Track, October 1996-January 2003.
- Bu-Ali Sina University, Lecturer, Tenure Track, October 1990-January 1993.

**ii) Other relevant employment**

- Researcher, Institute for Trade Studies and Research-Iran, October 1987-October 1990.

**e) Professional Organizations**

- IEEE
- International Association of Emergency Managers (IAEM)
- Ontario Association of Emergency Managers (OAEM)

- 
- Disaster Recovery Information Exchange (DRIE)
  - Canadian Risk and Hazard Network (CRHNet)
  - Global Development Network

**f) Honours & Awards**

- York University Research Leaders Award, 2015, York University.
- Outstanding Paper of 2014, Journal of Disaster Prevention and Management
- International Association of Emergency Managers, Award for Public Awareness, 2012.
- Certificate of Recognition, Outstanding Contribution to Teaching and Learning & The Student Experience, May 2012. York University.
- Merit Award, York University, 2012, 2011, 2010, 2009, 2008, 2007.
- International Association of Emergency Managers, 2008.
- Ministry of Higher Education Scholarship, Ministry of Higher Education-Iran, 1987-1989.
- Ministry of Higher Education Scholarship, Ministry of Higher Education-Iran, 1993-1996.
- Distinguished Master Students of the Year, Ministry of Higher Education-Iran, 1991.
- IOI Training Program Scholarship, International Ocean Institute, 1997.
- Distinguished Researcher of the Year, Urban Studies Institute, Iran, 2003.

**i) Scholarly and Professional Activities**

**i) Executive and Editorial positions**

- Editorial Board, International Journal of Disaster Risk Reduction, 2010-Now.
- President, International Association of Emergency Managers-Canada, July 2007- 2009.
- IAEM Global Board Member, July 2007-2009.
- Director, Membership and Marketing Committee, IAEM Global, September 2008-2009.
- Member, IAEM Bulletin, November 2009.
- Member IAEM Scholarship Commission, November 2008-2009.
- Editorial Advisory Board, International Journal of Environmental Research, Published by Tehran University, 2006-present.
- Editorial Board, *The Quarterly Journal of Geographic Research*, Published by the Geographic Institute, University of Tehran. 2007-now.
- Editorial Board, Urban Management (Modiriat Shahri), Published in Persian, 2010-now.
- Editorial Board, the Quarterly Journal of the Economic Research, Published by the Economic Research Institute, Tarbiat Modares University, 2002-2006.
- Editorial Board, Urban Form Magazine, Published in Persian in Tehran.
- Editorial Board, Geographic Research Journal, Published by Tehran University.

**ii) Grant and Personnel Committees**

**iii) Journal Referee**

- Journal of Transportation Geography
- Pulse
- Housing Studies
- Environmental Hazards
- Natural Hazards

- 
- Disaster Prevention and Management
  - Tourism Management
  - International Journal of Disaster Risk Reduction
  - IEEE Conferences
  - Forum for Health Economics & Policy
  - Journal of Construction Management and Economics
  - Journal of Environmental Management
  - Nameh Honar
  - Disasters
  - Health Policy
  - The Quarterly Journal of the Economic Research
  - Modares Humanities Journal
  - Journal of Humanities

**iv) Reviewer on External Grants**

- MARSDEN FUND, New Zealand, 2017
- Nazarbayev University, 2017
- ORF, 2017
- CIHR, 2016
- SSHRC, 2013, 2014, 2017
- Public Safety and Emergency Preparedness Canada Research Fellowships, Administered by the AUCC, 2007, 2008.

**v) Other reviews**

- Book manuscript review, Elsevier, 2013.
- MIT ISG/SUTA Outstanding Thesis Award Jury, 2005.
- Book manuscript review, Shiraz University Publication, 1998.
- Kharazmi Award, Ministry of Higher Education, Iran, 1996,
- Kharazmi Award, Ministry of Higher Education, Iran, 1997.

**j) Areas of Interest**

- Disaster and emergency modeling, simulation, and exercise
- GIS and information technology applications in disaster and emergency management
- Agent-based modelling and simulation
- Disaster and emergency management theory
- Business continuity and business resilience
- Economic appraisal of hazard and risk
- Disasters and urban development
- Post-disaster recovery and reconstruction

**k) Courses Taught****i) Undergraduate**

- Fundamentals of Emergency Management
- Field Placement
- Business Continuity Planning
- Directed Reading in Applied Disaster and Emergency Studies

- Directed Studies in Applied Disaster and Emergency Studies
- Introduction to Physical Planning and Critical Infrastructure
- Emergency Planning and Management
- Emergency Management Laws & Regulations
- Disaster and Development
- Disaster and Emergency Practicum
- Conflict Resolution
- Conceptual and Applied Issues in Disaster Studies

## ii) Graduate

- Topics in Business Continuity
- Advanced Disaster and Emergency Management
- Research Methods in Disaster and Emergency Management: Quantitative Methods
- Directed Readings
- Individual Directed Study, Faculty of Environmental Studies
- Principles and Methods of Regional Planning
- Physical Planning of Rural Settlements
- Spatial Econometrics
- Urban and Regional Models
- Regional Planning Methods
- Urban Planning Methods
- Planning Theory
- Computer Applications in Urban Planning
- GIS Applications in Urban Planning
- Urban Economics
- Spatial Economics
- GIS Applications in Rural Planning
- Computer Applications in Project Management
- Financial Management of Projects

## I) Research Funding

### i) External

- |             |   |
|-------------|---|
| 2017-2020   | Co-PI, ARGUS: Radar-based All-Weather Roadway Safety System, DRD Canada, \$1,436,426.00.  |
| 2017-2018   | PI, Fires and Disasters: Examining Fire Incidents during Major Disasters and Emergencies in Canada, National Fire Information Database (NFID), 20,000.  |
| 2017-2018   | Co-PI, Fires and Disasters: Developing A Bench-Test Fire Incident Simulation, National Fire Information Database (NFID), 20,000.  |
| 2016 – 2021 | Co-Lead, Advanced Disaster, Emergency and Rapid Response Simulation Facility, Ontario Research Fund (ORF), ORF Research Infrastructure, \$1,450,000.  |
| 2015 – 2021 | Co-PI, Advanced Disaster, Emergency and Rapid Response Simulation, Natural Sciences and Engineering Research Council of Canada (NSERC), NSERC Collaborative Research and Training Experience (CREATE), Total Funding - \$1,650,000. |

- 
- 2015-2016 PI, Developing Disaster Mutual Assistance Decision Support Tool for Electricity Utilities, Toronto Hydro, \$3000.00
- 2015 – 2017 Co-investigator, Building Bridges across Social and Computational Sciences: Using Big Data to Inform Humanitarian Policy and Interventions, Social Sciences and Humanities Research Council of Canada (SSHRC), SSHRC Partnership Development Grant, \$200,000.
- 2012, Global Assessment Report, Disaster Risk Reduction and the Private Sector: Case of Vancouver. United Nations ISDR and Florida International University, \$ 10,000, 2012.
- 2010- Coastal Community’s Preferences for Local Climate Change Mitigation Measures (Using Choice Experiment and Virtual World Technology), University of Illinois at Urbana-Champaign, \$ 6000, 2010.
- 2008- SSHRC, \$120,000, Crisis Management: Case of School Shooting, Collaborator.  
2007 GEOIDE (Geomatics for Informed Decisions – Center of Excellence), \$ 160,000. REAL-TIME MULTI-CRITERIA SPATIAL DECISION SUPPORT SYSTEMS: IMPROVING FIRE RESPONSE IN CANADIAN COMMUNITIES, 2 grantees, Principle Investigator.
- 2007 PerCARN, \$ 299,455 Development of a Rule-Based Structural Fire Threat Assessment System for Canadian Fire Departments, Co-investigator.
- 2007 SSHRC, \$ 35000, Determinants of Business Continuity Planning in Canada: Estimating Business s’ Willingness to Pay for Power Outage Mitigation and Preparedness Using Stated Choice Analysis, Principle Investigator.
- 2006 NSERC, \$ 400,000. Real-time oil spill detection using Laser-Induced Fluorescence LIDAR, Internet-based Temporal-GIS, and Mobile Emergency Asset Management, 3 grantees, Co-applicant.
- 2004 Public Safety, Emergency Preparedness Canada (PSEPC), \$ 25000, Integrated Disaster Cost/Loss Data Tracking in Canada, Principle Investigator.
- 2002 Center for Urban Planning Studies (Iran), \$ 60,000, “Designing Metropolitan Management System for the Iranian Metropolitan Areas”, Principle Investigator.
- 2001 Ministry of Agriculture (Iran), 150’000, Estimating Productivity of Rural Industries in Iran, Ministry of Agriculture, Principle Investigator.
- 2001 Center for Urban Planning Studies, Urban Fire Incidents and National Fire Education Plan, \$ 18,500.00, Principle Investigator.
- 2001 Iranian Housing Foundation, \$ 12000, Transitory Rural Settlements, Principle Investigator.
- 2000 Iranian Agriculture Bank, Location Analysis and Location Model for the Iranian Agriculture Bank Branches and its Application,
- 2000 Ministry of Roads and Transportation, \$ 20,000, “Guidelines for Social, Economic, and Environmental Impact Assessment of Road and Rail Projects”, Principle Investigator.
- 2000 Urban Planning Studies Centre, 30’000, Fire Station Location and Site Selection Models for the Iranian Cities, Center for Urban Planning Studies, 2000, Principle Investigator
- 2000 Sistan Region Development Organization, 7’500, Current and the Future Role and Place of Sistan Regional Development, Organization, Principle Investigator.

- 
- 1999 Iranian Fisheries Company, 7500.00, Designing Regional Indexes for Fisheries Development Activities, Principle Investigator.
- ii) Internal**
- 2016 Enhancing Community Preparedness for Rail Emergencies, LA&PS Global and Community Engagement (GCE) Collaborative Project Fund, \$4720.00
- 2016 Recovery and Resilience of Small Tourism and Hospitality Sector Businesses after the Nepal Earthquake, LA&PS Small Grant, \$5000.00
- 2014 Disaster & Emergency Management Student Competition, Dean's Unit Initiative Fund, \$ 5,000.
- 2012 International Collaboration, LA&PS International Collaboration Fund, \$ 5000.00
- 2012 Modeling Emergency Evacuation of Volcanic Emergencies: Case of Vulcano Island, LA&PS Minor Research Grant, \$ 5000.
- 2011 Academic Innovation Fund, \$ 7,000, "Developing a Business Continuity Planning Toolkit for Canadian Small Businesses.", Principle Investigator.
- 2011 York University Faculty Association, \$ 2,400, "Development of an Agent Based Virtual Learning Emergency Operations Centre", Principle Investigator.
- 2011 SSHRC Small Grant, \$ 1000, "Investigating the Communication and Coordination Failures of the Early Warning System in Pakistan: Case of the summer 2010 Flood", Principle Investigator.
- 2008 Knowledge Mobilization Incentive Grant, \$4000, Developing Brampton Business Continuity Network, in partnership with city of Brampton.
- 2006 SSHRC Small Grant, 2,700.00, "Measuring Canadian National Critical Infrastructure Interdependencies Using an Input-Output Analysis", Principle Investigator.
- 2006 Atkinson Research Grant, \$ 1500, "Mapping and Spatial Analysis of Canadian Technological Disasters", Principal Investigator.
- 2005 Brandon University Outreach, \$ 500, "BRANDON ECO-DOME/EMERGENCY SHELTER PROJECT", Principle Investigator.
- 2003 Brandon University Research Committee (BURC), \$ 4000, "Institutionalization of Post Disaster Reconstruction Experiences", Principle Investigator.

**Funds received for travel**

- 2016 LA&PS Travel Grant, \$ 1000.00
- 2015 SSHRC Travel Grant, \$ 800.00.
- 2012 SSHRC Travel Grant, \$ 1000.00.
- 2007 SSHRC Travel Grant, \$ 1200.00, Second International Conference on Urban Disaster Reduction Large Scale Disaster Management, 27-29 November 2007, Taipei, Taiwan.
- 2007 Atkinson Travel Funds, \$ 1209.00, Second International Conference on Integrated Natural Disaster Management, "In Search for Principles of Emergency Management", Feb. 13-14, Tehran, Iran.
- 2006, Atkinson Travel Funds, 1552.00, Third International Conference on early Warning. Households Willingness to Pay for Early Warning Systems, Bonn, Germany.
- 2006 SSHRC Travel Grant, \$ 1886.00, Third International Conference on Post-disaster

-----  
Reconstruction: Meeting Stakeholder Interests, 17-19 May 2006, Florence, Italy.

**m) Lifetime Publications**

**i) Scholarly books (Authored, edited)**

Asgary A. (in progress), “Resettlement Challenges for Displaced Population and Refugees”, Springer.

Asgary A. Nazari, M, and Ozdemir, I. (in progress), “Business Continuity Management: Theory and Practice”, Springer.

Asgary A. and Arzhangi S., (in Press), Introduction to Crowd Disaster Management, Noore Elm Publications, Iran, Tehran (in Persian).

Azimi Nooraldin, Asgary Ali, 2016, City Building, 9 Principles, Guilan University Press (in Persian).

Asgary Ali, Rakhshani Pedram, and Esmaeili Akbar, 2012, GIS Applications in Disaster Management, Tehran Municipality. (in Persian).

Asgary Ali, 2011, “Spatial Statistics with GIS”, Noore-elm, Iran.

Asgary Ali, 2010, “ISO 31000 Risk Management Manual”, Noore-elm Publication, Tehran, Iran. (in Persian)

Hamid Saremi and Ali Asgary, 2004, “Arcview GIS Extensions”, Tehran, Iran.

Ali Asgary, Asad Razani, and Pedram Rakhshani, “Urban Land Use Planning: Systems and Models, Noore-Elm Publication, 2002, Hamadan, Iran.

Asgary Ali and Ashrafzadeh Hamid, 1990, “The role and Place of Cooperative Companies in Foreign Trade”, Institute for Trade Studies and Research, Tehran, Iran.

Asgary Ali, 1988, “Pricing, Price Determination and Price Control”, Institute for Trade Studies and Research, Tehran, Iran.

Rafati, M., Asgary Ali, and Ashrafzadeh Hamid, 1993, “Exchange Rate: From Multi Rates to Single Rates”, Institute for Trade Studies and Research, Tehran, Iran.

Asgary Ali and Ashrafzadeh Hamid, 1989, “The role and Place of Cooperative Companies in Internal Trade”, Institute for Trade Studies and Research, Tehran, Iran. (in Persian)

**ii) Peer Reviewed Chapters in Books**

Asgary A., and Kari D., 2017, “Communicating Disaster Risk Reduction through Web-Map Applications”, in Global Challenges and Natural Disaster Management: Geo-Information Technologies”, edited by Pirasteh S., and Li, J., Springer, Cham, Switzerland.

Sarmiento, J.P., Hoberman, G., Ilcheva, M., Asgary, A.,Majano, A.M., Poggione, S. and Duran, L.R. 2012. Private Sector and Disaster Risk Reduction: The Cases of Bogota, Miami, Kingston, San Jose, Santiago and Vancouver. Background Paper prepared for the 2013 Global Assessment Report on Disaster Risk Reduction. Geneva, Switzerland: UNISDR. <http://www.preventionweb.net/gar>

Asgary Ali, (2011) “International Standards in Disaster and Emergency”, in Encyclopedia of Humanitarian Assistance, Sage Publication.

Asgary Ali, (2011) “National Standards in Disaster and Emergency”, in Encyclopedia of Humanitarian Assistance, Sage Publication.

Asgary Ali, 2006, “Theorizing Disaster and Emergency Management”, in “Tsunami and Disaster Management”, Edited by Raj Kumar and D.K. Srivastava, Thomson Publications, Hong Kong.

---

Asgary Ali, (2003) "Role of Rural Regions in National Development", Iranian Institute for Rural Development, Tehran, Iran.

**iii) Journal Articles in Refereed Journals**

Asgary A., Nosedal-Sanchez, J., Pantin, B., Wu, J., and Shafei-Sabet, M., (accepted), "Testing and validating a disaster mutual assistance decision support tool for electricity companies", *Int. J. Business Continuity and Risk Management*.

Asgary, A., Pantin, B., Emamgholizadeh Saiir, B., and Wu, J., (2017) "Developing disaster mutual assistance decision criteria for electricity industry", *Disaster Prevention and Management: An International Journal*, Vol. 26 Iss: 2, pp.230 – 240.

Asgary, Ali, 2016, *Business Continuity and Disaster Risk Management in Business Education: Case of York University*. AD-minister, 28, pp.49-72.

Asgary A., Ansari S., Duncan R., and Pradhan S., (2015), "Mapping potential airplane hazards and risks using airline traffic DATA", *International Journal of Disaster Risk Reduction*, Volume 13, September 2015, pp. 276-280.

Sarmiento JP, Hoberman, G., Ilcheva, M., Asgary A., Majano AM., Poggione S., Duran L.R., (2014), "Private sector and disaster risk reduction: The Cases of Bogota, Miami, Kingston, San Jose, Santiago, and Vancouver, *International Journal of Disaster Risk Reduction*.

Mojtaba Rafieian, Ali Asgary, (2013) Impacts of temporary housing on housing reconstruction after the Bam earthquake. *Disaster Prevention and Management*, Vol. 22 Iss: 1, pp.63 – 74.

Sadeghi-Naini A. and Asgary A. , (2013) "Modeling number of firefighters responding to an incident using artificial neural networks", *International Journal of Emergency Services*, 2(2), 104–118.

Ali Asgary, Nooreddin Azimi, Muhammad Imtiaz Anjum, (2013) Measuring small businesses disaster resiliency: case of small businesses impacted by the 2010 flood in Pakistan, *International Journal of Business Continuity and Risk Management*, 4(2), 170-187.

Nooreddin Azimi & Ali Asgary, 2013. Rural residents and choice of building earthquake-resistant house: results of a choice experiment study. *Environmental Hazards*, 12(3-4), 240-257.

Asgary A, Anjum MI, Azimi N, (2013) "Disaster recovery and business continuity after the 2010 flood in Pakistan: Case of small businesses", *International Journal of Disaster Risk Reduction*, 2, 46-56.

Asgary, A., (2012) Assessing households' willingness to pay for an immediate pandemic influenza vaccination programme, *Scandinavian Journal of Public Health*, 2012; 0: 1–6

Mehregan N., Asgary A., and Rezaei M., (2011) "Effects of the Bam earthquake on employment: a shift-share analysis," *Disaster*, 36(3), 420–438.

Asgary, A., Moeini, S.M., Mehregan, N., 2012, Willingness to pay for enhancing local emergency preparedness programmes: evidences from Canada, *International Journal of Emergency Management*, 8(2), 168-181.

Asgary, A., Sadeghi Naini, A., Levy, J., 2012, Modeling the risk of structural fire incidents using a self-organizing map, *Fire Safety Journal*, 49, 1-9.



- 
- Asgary, A. and Naini, A. S. (2011), Modelling the Adaptation of Business Continuity Planning by Businesses Using Neural Networks. *Intelligent Systems in Accounting Finance & Management* 18(2-3):89-104
- Asgary, A. and Y. Mousavi-Jahromi, 2011. Power outage, business continuity and businesses' choices of power outage mitigation measures. *Am. J. Econ. Bus. Admin.*, 3, 312-320.
- Ali Asgary, Md Abdul Halim, (2011) "Measuring people's preferences for cyclone vulnerability reduction measures in Bangladesh", *Disaster Prevention and Management*, 20(2), 186-198
- Hajinejad, A., Asgary, A., Mahmodi M., and Shirazian M., 2011, "Measuring the Sustainability of Rural Settlements Using Smart Systems (Fuzzy Logic): Qooshkhaneh District of Shirvan", Journal Of Geography and Regional Development, 8(15). (in Persian)*
- Asgary, A., and Penfold G., 2011, Willingness to Donate to Victims of a Hypothetical Future Earthquake Disaster in Vancouver, *International Journal of Business and Social Science*, 2 (16).
- Asgary A., Rezvani M., and Mehregan N., 2011, LOCAL RESIDENTS' PREFERENCES FOR SECOND HOME TOURISM DEVELOPMENT POLICIES: A CHOICE EXPERIMENT ANALYSIS., *TOURISMOS: AN INTERNATIONAL MULTIDISCIPLINARY JOURNAL OF TOURISM*, 6(1), 31-51.
- Paulus, Jeremy and Asgary, Ali (2010) "Enhancing Border Security: Local Values and Preferences at the Blue Water Bridge (Point Edward, Canada)," *Journal of Homeland Security and Emergency Management*: 7(1), Article 77.
- Asgary Ali, Ghaffari Alireza, and Levy Jason, (2010) "Spatial and Temporal Analysis of Structural Fire Incidents and Their Causes: A Case of Toronto, Canada", *Fire Safety Journal*, 45 (1), 44-57.
- Asgary Ali, (2010) "Spatial Patterns and Distribution of Disasters in the OIC Member Countries", *Arab World Geographers*, 12 (1,2).
- Asgary A, Sadeghi A, Levy J, (2010) "Intelligent security systems engineering for modeling fire critical incidents: Towards sustainable security", *Journal of Systems Science and Systems Engineering*, 18(4), 477-488.
- Bagheri, Ali, Darijani, Musa, Asgary, Ali, and Morid, Saeid, 2010, "Crisis in Urban Water Systems during the Reconstruction Period: A System Dynamics Analysis of Alternative Policies after the 2003 Earthquake in Bam-Iran, *Water Resource Management*, 0920-4741, 1573-1650.
- Asgary Ali and Levy Jason, 2009, "A review of the Implications of Prospect Theory for Natural Hazards and Disaster Planning", *International Journal of Environmental Research*, 3 (3), 370-394.
- Habibbi, K., Pourahmad, A., Meshkini A., Asgary A., Nazari-Adli, S., 2008, "Determining structural and Physical Vulnerability Factors in Old Urban Areas of Zanjan Using GIS and Fuzzy Logic", *Honarhaye Ziba Journal*, 33: 27-36.
- Asgary A., Badri A. Rafiean M., and Hajijejad A., 2008, "Utilizing Post-Disaster Development Opportunities after Bam Earthquake and the Role of Stakeholders", *Journal of Humanities*, 15(2); 33-52.
- Asgary Ali, Levey Jason and Mehregan Nader, 2007, "Estimating Willingness to Pay for a

- Hypothetical Earthquake Early Warning System”, *Environmental Hazards* 7, 312-320.
- Asgary, A., Klosterman, R. and Razani, A., 2007, “Sustainable Urban Growth Management Using What-If?”, *International Journal of Environmental Research*, 1(3): 218-230.
- Haji-Nejad Ali, Asgary Ali, Asgharpour Hossein, and Mohammadzadeh Parviz, 2007, Rural Industrial Productivity in Sistan and Baloochestan Province”, *Geography and Development Journal*, 4(8): 1-18.
- Levy, J.K., Hartmann, J., Li, K.W., An, Y. & Asgary, A. (2007) Multi-criteria Decision Support Systems for Flood Hazard Mitigation and Emergency Response in Urban Watersheds, *Journal of the American Water Resources Association*, 43(2):1-13.
- Akbari, N., Asgary, A., and Farahmand, S., 2006, “City Size Distribution in Urban System of Iran”, *Quarterly Journal of the Economic Research*, 6(4), 83-104.
- Goli Ali and Asgary Ali, 2006, “Fuzzy Logic Applications in Rural-Urban Definitions: Case of Tehran Province”, *Modares Humanities Journal*, 10(2): 139-158.
- Asgary Ali and Kazemian Gholamreza, 2006, “An Analysis of Current Metropolitan Areas of Iran”, *Urban Management Quarterly*, 5(18): 6-21.
- Badri S.A., Asgary A., Eftekhari, AR., and Levy J., 2006, “Post Disaster Resettlement, Development and Change: 12 Years after Manjil Earthquake”, *Disasters*, 30 (4): 451-468.
- Bagheri A., Asgary A., Rafiean M., and Levy J., 2006. “Measuring Urban Water System Performance: A Fuzzy Inference Model Approach”, *Journal of the American Water Works Association*, 98(11): 84-92.
- Asgary Ali, Rafieian Mojtaba and Khoei Ziba, 2006 “Applying What-If Planning Support System for Regional Land Use Planning”, *Environment Journal*, Tehran University.
- Burns C., Asgary A., and Levy J., (2005), “Operator support for ageing nuclear critical infrastructure systems: integrating ecological interface design with prospect theory, *Int. J. Critical Infrastructures*, 4(1): 299-311.
- Asgary Ali, (2005), “What Emergency Managers Need to Know about Prospect Theory”, *Emergency Management Canada*, 1(4): 37-40.
- Asgary A, Hajinejad A, Asgharpour H, and Mohammadzadeh P., 2005, “Productivity of Rural Industries in Iran”, *Quarterly Journal of the Economic Research*, 14 (4):33-57.
- Sadeghi Hossein, Asgary Ali, and Agheli L.,(2005) “Applying Fuzzy Logic to the Estimation of Environmental Degradation Trends in Iran”, *Iranian Economic Review*, 10(13): 45-64.
- Goli A., and Asgary A., and Eftekhari AR, (2005), “Spatial Analysis of Transitory Rural Settlements with Geographic Information Systems (GIS), Case Study: North West Region of Iran”, *Modares Human Sciences Journal*, 8(4): 147-174.
- Asgary, Ali, (2004), “Planning and Disaster Management Education in Canada”, *Plan-Canada*, 44(3): 44-47.
- Asgary Ali, and Esmaeili Akbar, 2004, “Using GIS in Determining the Functional Areas of Urban Services”, *Shahrnegar*, 28: 1-7.
- Asgary A., Willis K.G., Taghvaei A.A., and Rafiean M., (2004), "Estimating Rural Households Willingness to Pay for Health Insurance", *European Journal of Health Economics*, 5(3): 209-215.
- Asgary Ali, Taghvaei Ali Akbar and Rostami M., (2003), “Analysis of Settlement Systems through Social Network Analysis, *Journal of Humanities*, 10(1): 1-16.
- Asgary, Ali, and Hajinejad Ali. 2003 “Institutional Approach in Regional Development.

- 
- Geographical Research Journal. Outman 2003.
- Asgary Ali and Ghaderi Jafar, (2002), "Hedonic Price Housing Model of Urban Housing in Iran", *Quarterly Journal of Economic Research*, 2(4): 91-109.
- Eftekhari A.R., Asgary Ali, and Taherkhani Mahdi, 2002, "Industrial Districts and Rural Development: A case Study of Markazi Province", *Asia-Pacific Journal of Rural Development*, XII(2):47-60.
- Asgary Ali, and Akbari Nemat, (2002), "A Review on Applied Spatial Econometrics", *Research Bulletin of Isfahan University*, 12 (1&2):93-122.
- Asgary Ali and Mehregan, (2002), "Estimating Visitors' Willingness to Pay for Urban Cultural Heritage, Using Contingent Valuation Method, (CVM)", *Quarterly Journal of Economic Research*, 1(2): 93-116.
- Asgary Ali, and Rafiean Mojtaba, (2002), "Designing an information system for historical evaluation of urbanization in Iran", *Modares Journal of Art*, 1(1): 54-71.
- Asgary Ali, and Ghaderi Jafar, (2002), "Modeling Housing Ownership in Urban Areas", *Research Bulletin of Isfahan University*, Autumn 2002.
- Asgary Ali (2001), "The Role of Cities in National Productivity and Growth", *Quarterly Journal of Urban Management*, No. 8.
- Asgary Ali, (2001), "What If? Planning Support System", *Quarterly Journal of Urban Management*, No. 7.
- Asgary, Ali, (2001), "Spatial Patterns of Poverty in Iran", *Iranian Economic Review*, 5(1): 24-33.
- Asgary A., Willis K.G., and Hosseini, (2000), "The Impacts of Caspian Sea Level Rise on the Housing Market", *Journal of Humanities*, 7(4):1-8.
- Asgary Ali, (2000), "International Associations in Urban & Regional Planning", *Quarterly Journal of Urban Management*, No. 5.
- Asgary Ali, and Willis K.G., (1997), "Estimating the Benefits of Construction Measures to Mitigate Earthquake Risk", *Environment & Planning B, Planning and Design*, 24:613-624.
- Willis K.G., and Ali Asgary, (1997), "The Impact of Earthquake Risk on the Housing Markets: Evidence from Tehran Real Estate Agents", *Journal of Housing Research*, 8(1): 107-124.
- Asgary Ali and Willis K.G., (1997), "Households' Behavior in Response to Earthquake Risk: An Assessment of Alternative Theories", *International Journal of Disaster Studies, Policy and Management*, 21(4).
- Asgary, Ali, (1996), "Estimating Households' Willingness to Pay for Earthquake Insurance", *Insurance Quarterly*, 11(43), autumn 1996.
- Asgary Ali, 1993, "Export and Growth: Causes and Effects", *Monthly Commercial Review*, 77.
- Asgary Ali, 1992, "The Role of Cooperative Companies in Distribution of Commodities", *Monthly Journal of Commerce Investigations*, 77.
- Asgary, Ali, 1992, "Investigating the Regional Inflation in Iran during 1982-1990", *Monthly Commercial Review*, No. 61. 6-28.
- Asgary Ali, 1991, "The Impacts of New Exchange Rate Policy on Government's Budget", *Monthly Commercial Review*, 56.
- Asgary Ali, 1991, "Inflation and Distribution of Commodities", *Monthly Commercial Review*, 51.
- Asgary Ali, and Komijani Akbar, (1991), "Structure and Performance of Interest Free Loan Funds and Their Place in the Financial and Banking System of Iran". *Economic Research Journal*,

No. 44, 1-35.

Asgary Ali, 1990, “The Role of Cooperative Companies in Foreign Trade”, *Monthly Commercial Review*, 46.

Asgary Ali, 1990, “Structural Changes in Domestic Trade”, *Monthly Commercial Review*, 38.

Asgary Ali, 1990, “A Review of Terms of Trade and Its Changes in Iran”, *Monthly Commercial Review*, 36.

#### **iv) Replies/Notes in Refereed Journals**

Asgary Ali, 2009, Book Review: “Review of Homeland Security and Private Sector Business: Corporations' Role in Critical Infrastructure Protection”, *Journal of Homeland Security and Emergency Management*: 6(1): 1-4.

Asgary Ali, 2006, Book Review: “The Economics of Natural Hazards” edited by Howard Kunreuther & Adam Rose, *Journal of Environmental Planning and Management*, 49(6): 947 – 954.

Asgary Ali, 1996, Book Review: “Risks and Opportunities s, Managing Environmental, Conflict and Change” by Valerie Brown, David Ingle Smith, Rob Wiseman”, *Journal of Environmental Planning and Management*, 39(2): 303-305.

#### **iv) Papers and Presentations in Conference**

Asgary A., 2017, “Developing ESRI-Based Mixed and Augmented Reality Applications for Microsoft Hololens”, ESRI Canada Education and Research Conference, University of Toronto, October 11, 2017.

Asgary A., Pantin, B., and Selvadurai, A., 2017, “*Disaster Mutual Assistance Management Application for Canadian Electricity Companies*”, ESRI Canada Education and Research Conference, University of Toronto, October 11, 2017.

Nosedal-Sanchez, J., Asgary, A., and Solis, A., Longo, F., 2017, “MODELING AND SIMULATION OF FORCED POPULATION DISPLACEMENT FLOWS USING COLORED PETRI NETS”, DHSS 2017 Proceeding, Barcelona, Spain.

Asgary, A., Solis, A.O., Longo, F., Nosedal, J., Curinga, M.C., and Alessio, L.E., "An Agent-Based Modeling and Simulation Tool for Estimation of Forced Population Displacement Flows in Iraq," *Proceedings of the 6th International Defense and Homeland Security Simulation Workshop*, Larnaca, Cyprus, September 2016, 75-81.

Asgary, A., Nosedal, J., Solis, A.O., Longo, F., Alessio, L.E., and Curinga, M.C., "Simulating the Impacts of Airport Closures on Airline Route Networks," *Proceedings of the 18th International Conference on Harbor, Maritime & Multimodal Logistics Modelling and Simulation*, Larnaca, Cyprus, September 2016, 86-92.

Asgary A., and Yazdizadeh Z., 2016, “Mapping Heavy Urban Search & Rescue (HUSAR) Teams HUSARMAP”, 2016 ESRI Toronto User Conference, Toronto Congress Centre, October 5, 2016.

Asgary, A., and Selvadurai, A., 2016, “Dangerous Goods by Rail-Webapplication”, 2016 ESRI Toronto User Conference, Toronto Congress Centre, October 5, 2016.

Asgary A., 2016, “Small and medium enterprises and business continuity – Canada Case, York University”, Conference on Disaster Risk Management, Medellín, Colombia, June 14-16, 2016.

Asgary A., 2016, “Business continuity, undergraduate and graduate programs – York University”, Conference on Disaster Risk Management, Medellín, Colombia, June 14-16,

- 
- 2016.
- Asgary A., Pantin, P., and Borowitz, J., 2015, “Developing a Mutual Aid Decision and Simulation Support Tool (MADSIM)”, North Atlantic Mutual Aid Assistant Group (NAMAG) Conference, Toronto, 26-27 October, Toronto.
- Asgary A., 2015, “Simulating Disaster Mutual Assistance”, 2015 AnyLogic Conference, 6-7 November, Philadelphia.
- Asgary A., 2015, “Train Derailment Simulation: Case of Toronto”, Town Hall Meeting, Safe Rail Communities, August 20, Toronto.
- Asgary A., 2015, “Lac Megantic Train Derailment Disaster and Its Impacts on the Future of World Rail Transportation”, 4th International Conference on Recent Advances in Railway Engineering – Tehran, May 17-18, 2015.
- Asgary A., 2015, “HAZMAT Train Derailment Risk Modelling & Simulation: An Agent Based Approach”, 4th International Conference on Recent Advances in Railway Engineering – Tehran, May 17-18, 2015.
- Asgary A., 2014, “An Agent-based dynamic risk modelling: Case of crude oil transportation by rail in urban areas”, 11<sup>th</sup> Canadian Risk and Hazard Network, Toronto, October 22-24.
- Asgary A., and Karsseboom, R., 2014, “Modelling the Effectiveness of Tsunami Warning and Evacuation”, 11<sup>th</sup> Canadian Risk and Hazard Network, Toronto, October 22-24.
- Asgary A. and Kingelin A., 2014, “Assessing the learning outcome of an emergency evacuation table top exercise”, 11<sup>th</sup> Canadian Risk and Hazard Network, Toronto, October 22-24.
- Asgary A., 2014, “Transportation of Dangerous Goods by Rail, Dynamic Risk Assessment and Emergency Planning by AnyLogic: Case of Toronto”, Anylogic User Conference, San Francisco, November 12-13, 2014.
- Asgary A., and Kari, D., 2014, “Simulating disaster warning and alerting effectiveness- an agent based approach”, 5th International Disaster and Risk Conference IDRC 2014, 24-28 August 2014 in Davos, Switzerland.
- Asgary A., 2014, “Dynamic Risk Assessment Using Agent-Based Modelling and ArcGIS Tracking Analyst”, ESRI Canada User Conference, Toronto, October 7, 2014.
- Asgary A., 2013, “Accumulation of Risk in Time and Space: Learning from Fire and Failure Disasters”, the 18th International Conference on Urban Planning, Regional Development, REAL CORP, Rome, Italy, May 20-23.
- Asgary A., and Bertie Rowell, 2013, “Post Disaster Reconstruction and World Trade Mechanisms: An Agenda for Enquiry”, 6th International i-Rec Conference, Ascona, Switzerland, May 26 to 29.
- Asgary A., and Dariyoush Kari, 2013, “Media Coverage of Post Disaster Recovery and Reconstruction: Case of 2012 East Azerbaijan Earthquake”, 6th International i-Rec Conference, Ascona, Switzerland, May 26 to 29.
- Asgary A., Marina Kompaniyets and Alysia Quirke, 2013, Canadian Hazard Informer: A Web GIS Hazard Information System for General Public, 2013 CIG/EOGC Joint Conference, 5-7 June 2013, Toronto, Canada.
- Asgary A., Robert Duncan, Mohummad Saad Ansari, “Mapping Airplane Crash Hazards Using Airline Traffic Data”, 2013 CIG/EOGC Joint Conference, 5-7 June 2013, Toronto, Canada.

- 
- Asgary A., Giovanna Cioffi, Hedieh Hafezi Large Scale Dynamic GIS Based Simulation and Visualization of Neighborhood Evacuation: Case of Toronto Propane Explosion
- Asgary A., “Should Emergency Kits be Mandatory?”, Keynote Speech, AEMA Stakeholders’ Summit 2012, November 19-20, 2012, Edmonton, Alberta.
- Asgary, A., Kong A., 2012, “Enabling small businesses to develop their business continuity plan: York University business continuity planning toolkit for small businesses”, IDRC Davos August 26-30, Davos, Switzerland.
- Asgary A., 2011. “Lessons from the 21 Century's Urban Economic Development Plans”, 1st Iranian Urban Economic Conference, Mashhad, Iran, 23-24 November 2011.
- Asgary, A., Kong A., 2010, “Automated Intelligent Emergency Assessment of GTA Pipeline Events”, Proceedings of the 2010 8th International Pipeline Conference (IPC2010), September 27–October 1, 2010 , Calgary, Alberta, Canada, Paper no. IPC2010-31006 pp. 413-419: doi:10.1115/IPC2010-31006.
- Asgary A., 2010, “A comparative Study of Factors Affecting Peoples Donations to the Haiti Earthquake and Flood in Pakistan”, The First Waterloo Conference on “Characteristics, Risk and Management (ChaRisMa)” of Natural Hazards (Dec. 1-3, 2010)
- Asgary Ali and Kong Albert, 2011, DEVELOPMENT OF AN AGENT-BASED VIRTUAL LEARNING EMERGENCY SIMULATION CENTRE, ICEMT, Budapest, Hungary, 23-25 May 2011
- Asgary A., 2011, “Students' Perceptions of Campus Emergency Preparedness: A Survey of York University”, 2011 College and University Safety Association Conference, June 16-18, Nanaimo, BC.
- Asgary A., 2010, “Small Disaster, Big Lessons: Impacts of Toronto Sunrise Propane Explosion on Local Businesses and Households”, International Disaster and Risk Conference IDRC Davos 2010, Davos, Switzerland May 30 - June 3, 2010.
- Asgary Ali, 2010, “Households Willingness to Pay for Disaster and Emergency Management: Some Evidence from Canada”, International Research Committee on Disasters Researchers Meeting Tuesday, July 13 -July 14, 2010, Broomfield, Colorado.
- Golshani, Z., Asgary, A., *A Spatial Econometric Analysis of Global Natural Disasters*. IVth World Conference of the Spatial Econometrics Association, Chicago, June 9–12, 2010
- Asgary Ali, 2010, “Small Disaster, Big Lessons: Impacts of Toronto Sunrise Propane Explosion on Local Businesses and Households”, International Disaster and Risk Conference IDRC Davos 2010, Davos, Switzerland May 30 - June 3, 2010.
- Asgary Ali, 2010, “Spatial Patterns and Distribution of Disasters in the Organization of the Islamic Conference Member Countries”, Proceedings of the 4<sup>th</sup> Congress of the Islamic World Geographers, University of Sistan & Baloochestan, April 14-17<sup>th</sup>, Zahedan, Iran.
- Asgary Ali, 2009, “Willingness to pay for Enhancing Local Disaster and Emergency Management Services: Case of Greater Toronto Residents”, 04-06 Nov 2009, London, U.K.
- Asgary Ali, 2009, “*Using Real Time Virtual Environments for Disaster Simulations and Exercises*”, 8<sup>th</sup> International symposium on New Technologies for Urban Safety of Mega Cities in Asia, October 15-16, Incheon, South Korea.
- Asgary Ali, 2009, “The value and importance of incorporating virtual school emergency exercises”, 6<sup>th</sup> Annual Summit on Emergency & Disaster Planning for Colleges, Universities and K-12 Schools, 6-7 October, Toronto, Canada.

- 
- Asgary Ali, Sadeghi Naini Ali, and Jason Levy, 2009, "Modeling Loss and No-Loss Fire Incidents Using Artificial Neural Network: Case of Toronto" 2009 IEEE Toronto International Conference - Science and Technology for Humanity, 24-25 September, Toronto, Canada.
- Asgary Ali, Kong Albert, and Jason Levy, 2009, "Fuzzy-JESS Expert System for Indexing Business Resiliency" 2009 IEEE Toronto International Conference-Science and Technology for Humanity, 24-25 September, Toronto, Canada.
- Asgary A., and Ghaffari A., 2009, "*Spatial Autoregressive Modeling of Predicting Property Damaged in Fire Events*", International ESRI User Conference", San Diego, California, July 13 to July 17.
- Asgary A., Ghaffari A., and Kong A., 2009, "Enhancing Emergency Response to Oil and Gas Pipeline Incidents Using a Fuzzy Jess Method" 30th Canadian Symposium on Remote Sensing, Lethbridge, June 23-25.
- Asgary A., Ghaffari A., and Kong A., 2009, "Use of Web-services for Emergency Response to Oil and Gas Pipeline incidents" 30<sup>th</sup> Canadian Symposium on Remote Sensing, Lethbridge, June 23-June 25.
- Asgary Ali, 2009, "Conducting Emergency Management Exercises in Virtual Environments", Virtual World Best Practices in Education Conference, Second Life Virtual Environment, March 27-29.
- Asgary Ali, 2009, "Applications of the Virtual Environments in Disaster and Emergency Management", 4<sup>th</sup> International Disaster Management Conference, Tehran, March 1 and 2, 2009.
- Asgary Ali, 2009, "Business Resiliency", 4<sup>th</sup> International Disaster Management Conference, Tehran, March 1 and 2, 2009.
- Asgary Ali, 2008, "Emergency Management & the Second Life Virtual Environment", 56<sup>th</sup> IAEM Annual Conference, Kansas, 15<sup>th</sup> to 20<sup>th</sup> November.
- Asgary A., 2008, "Top 10 IT technologies of the 2009: Their Applications for Emergency Management", Conference on Location Based Systems and Integrated Urban Management, Tehran, November 2008.
- Asgary A. and Mallick Sanjoy, 2008, "Spatial analysis of oil and gas related accident data to develop a framework for risk assessment and contingency planning", International Pipeline Conference, Calgary, September 29-October 3.
- Asgary Ali, (2008), "Spatial Analysis of Fire Incidents", 2008 O AFC Conference, Toronto, Ontario, April 27 to 30.
- Asgary Ali, (2008), "Small Businesses, IT and Business Continuity Planning", 2008 meeting of the Academy of Business and Information Technology, Monroeville Radisson Hotel, Monroeville, USA, May 1, 2, and 3.
- Asgary Ali, (2008), "Expanding Emergency Management Education to non Emergency Management Disciplines: Emergency Management as an Elective Course", Homeland Security Education Summit, Washington D.C., March 2008.
- Asgary Ali, (2008), "Civil Defense and Emergency Management: Similarities and Differences and the Need for Integration", First Civil Defense Conference, University of Tehran, Tehran, Iran, July 13-14t.
- Asgary Ali, (2008), "Managing Winter Snow Storms in Urban Areas", 3rd International Conference on Integrated Natural Disaster Management, February 18-19, Tehran, Iran.

- 
- Asgary Ali, (2007), "In search for Principles of Emergency Management", 2<sup>nd</sup> International Conference on Integrated Natural Disaster Management, February 13-14, Tehran, Iran.
- Rafeian Mojtaba and Asgary Ali, (2007), "An Analysis of Temporary Resettlement After Bam Earthquake", 2<sup>nd</sup> International Conference on Integrated Natural Disaster Management, February 13-14, Tehran, Iran.
- Asgary Ali, (2007), "Emergency Management for Ports" 3<sup>rd</sup> Conference on Ports Safety and Security, February 13-14, Tehran, Iran.
- Asgary Ali, (2006), "The Role of the Canadian Private Sector in Emergency Relief and Reconstruction", Fourteenth Annual CANCAPS Conference Canada in Asia Pacific: Balancing Economics and Diplomacy December 1-3, 2006, York University, Toronto, Ontario
- Asgary Ali, (2006), "Disaster and Emergency Management Education through an Elective Undergraduate Course", Second International Conference in Disaster Education, Madrid, Spain.
- Mamdoohi Amir Reza, Asgary Ali, Sharif Zadegan, Mohammad Hossien, and Ebrahimi Ahmad Reza, 2006, "Applying SDSS Using the Technique of CA to Urban Planning and Management: the Case of Sirjan City", The international conference on problem solving techniques strategies and Techniques, Tehran, Iran.
- Asgary, A. and Levy, J.K. (2006) "Advances in Technological Disaster Analysis: Case Studies of Canadian Technological Disasters", *16th World Conference on Disaster Management*, (Toronto, June 18-21, 2006).
- Asgary Ali, Badri Ali, Rafiean Mojtaba, and Hajinejad Ali, (2006), "Lost and Used Post Disaster Development Opportunities in Bam Reconstruction", I-Rec conference on Post-Disaster Reconstruction: Meeting the Stakeholders needs, May 17-18, Florence, Italy.
- Asgary Ali, Goli Ali, and Afsah-Hosseini, Fatemeh, (2006), "Applications of GIS in Debris Management", First Conference on GIS Applications in Disaster Management, Tehran, Iran.
- Asgary Ali, and Mehregan Nader, (2006), "Estimating Households' Willingness to Pay for Early Warning Systems", Third Early Warning Conference, 27-29 March, Bonn, Germany.
- Asgary Ali, (2005), "Theorizing Disaster and Emergency Management and the Governance Reform, International Conference on Issues Relating to Disaster Management: Challenges for Governance Reform in Asia, School of Law, City University of Hong Kong to be held at Hong Kong during 4-5 March 2005.
- Levy, J.K., Hipel, K.W. & Asgary, A. (2005) Disaster Planning and Management with Dynamic AHP. Eighth International Symposium of the Analytic Hierarchy Process, July 7-10, 2005, Creative Decision Foundations (Editors J.K. Levy and R. Saaty). July 7-10, 2005, University of Hawaii, Honolulu, Hawaii, USA. ISSN 1556-830X (for the CD version of ISAHP2005 Proceedings only).
- Asgary Ali, 2005, "Disaster Analyst: A GIS Based Disaster Analysis Tool", Westman GIS User Conference, Brandon, March 11.
- Asgary Ali, (2005), "Disaster Cost/Loss Data: Current Issues and Future Challenges", 2<sup>nd</sup> Toulouse-Montreal Conference: The Law, Economics and Management of Large-Scale Risks, 30 September-October 1, 2005, Montreal.
- Asgary Ali, Razani Asad, (2005), "Institutional Gaps in Transfer of Experiences in Post-disaster Housing Reconstruction", *The International Conference on Geohazards, Natural*



- 
- Disasters and Methods of Confronting with Them*, September 27-29. Tabriz.
- Asgary Ali, and Esmaeli Akbar, (2005), "Strategic Planning and Its Applications in Emergency Management", *The International Conference on Geohazards, Natural Disasters and Methods of Confronting with Them*, September 27-29. Tabriz.
- Asgary Ali, (2005), "A Typology of Community Development Theories", Community Development Conference, Tehran, Iran.
- Asgary Ali, (2004), "Privatization of Urban Services: Needs, Methods, Obstacles and Solutions", First Conference on Municipalities and Urban Economy, June 2004, Tehran, Iran.
- Asgary Ali, (2003), "Planning Intersection: Theorizing Planning in Iran", Congress on Rural Development, June 2003, Tehran University, Tehran, Iran.
- Asgary Ali, (2003), "Prospect Theory and Its Applications in Disaster and Emergency Management", Conference on Integrated Disaster Risk Management, Kyoto, July 3-5, Japan.
- Asgary Ali, (2002), "Incorporating Environmental Degradation Into Input-Output Tables Using Fuzzy Logic", Forth International Conference on Input-Output Techniques, Montreal, Canada.
- Asgary Ali, (2002), "Rural Households Willingness to Pay for Health Insurance", ARIA Annual Meeting Evolution in Risk and Insurance: Challenges and Opportunities for the Future, September 2002, Montreal, Canada.
- Asgary Ali, (2001), "The Role of Regional and Local Institutions in Regional and Local Development", Conference on New Approach in Regional Development, Tehran, Iran.
- Asgary Ali, (2001), "Developments in Planning Theory and the Iranian Urban Planning System", Oxford Planning Theory Conference, Oxford. England.
- Asgary, Ali, (2000), "Quality of Life Mapping System", Second International Conference on Quality of Life in Cities, Singapore.
- Asgary Ali, (2001), "Applications of GIS in Urban Crime Analysis and Designing Tehran's Crime Analysis System", Conference on Tehran Cultural and Anti-Cultural Development, Tehran, Iran.
- Asgary Ali, and Jadidi, Mehdi, (2001), "The Role and Place of Fire Safety in Urban Development Plans" Conference on Safety and Fire Prevention Engineering, Tehran, Iran.
- Asgary Ali, (2000), "Public Education and Urban Fire Mitigation", Fifth Congress of Urban Mayors and Managers, Tehran, Iran.
- Asgary Ali, (2000), "Response of Institutional Approach to Regional Economic Development Challenges", Seminar on the Iranian Economic Challenges for the Next Decade, Tehran, Iran.
- Asgary Ali, and Rafiean, Mojtaba, (2000), "Senior Citizens and Spatial Changes in Urban Spaces", First International Conference on Senior Citizens in Iran, Tehran, Iran.
- Asgary Ali and Jadidi Mehdi, (2000), "Urban Planning and Fire Incidents", Conference of Fire Engineering and Planning, Tehran, Iran.
- Asgary Ali, (1999), "Urban Planning Education in Iran: Past, Present and the Future", Fifth International Congress of Asian Planning Schools, Seoul, Korea.
- Asgary Ali, and Goli Ali, (1999), "Iranian Regional Information Systems", 10<sup>th</sup> Iranian Geographical Congress, Tehran, Iran.
- Asgary Ali, (1998), "Methods of Assessing the Impacts of Environmental and Planning Factors on Urban Land Prices and Their Applications", Conference on Land and Urban Development,

- Tehran, Iran.
- Asgary Ali, (1998), "Employment and Poverty During Economic Stabilization: Case study of Iran", International Conference on Earning Inequality, Unemployment and Poverty in the Middle East and North Africa, Biblos, Lebanon.
- Asgary, Ali, (1998), "Investigating the Trends in Economic Growth of Hamadan Province Using Shift-Share Analysis in the GIS Environment", Seminar on Economic and Commercial Capabilities of Hamadan Province, University of Bu-Ali Sina, Hamadan, Iran.
- Asgary, Ali, (1998), "Lessons from Communicative Planning Theory for Development Planning", First Conference for the Third Five-Year Iranian Development Plan, Planning and Budget Organization, Tehran, Iran.
- Asgary Ali, (1998), "A Decision Support Systems for Management of Natural Hazards Risks within the GIS Environment", International Symposium on Information Technology and Natural Hazards' Risk Management, 4-6 February, Bangkok, Thailand.
- Asgary Ali, (1998), "Ocean Friendly Urban Planning", International Planning Congress: Water, Integrated Planning for Sustainable Future, Azarous, Portugal.
- Asgary Ali, and Hosseini Seyed Ali, (1997), "Private Paper Recycling Units in Tehran", National Seminar on Solid Waste Management, Isfahan, Iran.
- Asgary Ali, (1997), "Assessing The Benefits of Planning Measures to Reduce Risks: Case of Natural Hazard Induced Risks", 33<sup>rd</sup> World Planning Congress, Ogaki-Japan, 17-20 September 1997.
- Asgary Ali, (1997), "Impacts of Tehran Metro on the Housing Market", Second Transportation Engineering Conference, Tehran Traffic Control Co. Tehran, Iran.
- Asgary, Ali, (1997), "Assessing the Economic Benefits of Landslides Hazards Zoning Maps", International Institute for Seismology and Earthquake Engineering, Second Iranian Seminar on Landslides, Tehran, Iran.
- Asgary, Ali, (1996), "The Impacts of Caspian Sea Level Rise on the Coastal Cities", International Conference on Integrated Management and Sustainable Development in Coastal Zones. Rimouski, Canada.
- Asgary, Ali, (1995), "Earthquake in the Internet: Towards a Global Earthquake Network", International Workshop on Harnessing the Communication Revolution: Creation of a Global Disaster Network, Beijing, China.
- Willis K.G., and Asgary Ali, (1995), "Impacts of Earthquake Hazards on the Housing Market", Proceedings of the Second International Conference in Seismology and Earthquake Engineering, Tehran, Iran.
- Asgary Ali and Beygi-Saki Afsaneh, (1995), "Communication Planning Theory: A Mediation Approach in Planning: Case of Risk Communication", 30th International Congress of International Society of City and Regional Planners, Sydney, Australia.
- Asgary, Ali, (1994), "Earthquake Preparedness Planning: Using System Dynamic Modeling for Evaluating Construction Policy", Proceedings of the 11th Interschool Conference, University of York. York, England.
- Asgary Ali, (1994), "System Dynamic Modeling for Urban Earthquake Risk Estimation", World Conference on Natural Hazard Reduction, Yokohama, Japan.
- Asgary, Ali, (1993), "Public Administration and Strategic Environmental Assessment for Sustainable Development", International Conference of Public Administration and Sustainable Development, Ministry of Labor, October 31, Tehran, Iran.

- 
- Asgary Ali, (1993), "Limitations of Planning Measures for Reducing Earthquake Hazards", International Seminar on Planning and Design in Seismic Risk Areas, University of Catania, Catania, Italy.
- Asgary, Ali (1993), "Earthquake, Health and Well Being of People: A Case Study of Iranian City Regions", 29th Congress of International Society of City and Regional Planners, Glasgow, Scotland.
- Asgary Ali, (1992), "The Role of Regional Accounting in Regional Planning", Regional Accounting Seminar, Hamadan, Iran.
- Asgary Ali, (1992), "Budget Policies and Imbalance Regional Growth", Cities and People Conference, Tabriz, Iran.
- Asgary Ali, (1991), "Economic Roles of Cities in Hamadan Provinces", Hamadan in 2020 Seminar, Hamadan, Iran.

#### **vi) Major invited contributions and/or technical reports**

##### Technical reports

- Asgary Ali et al., 2002, "Estimating the Productivity of Rural Industries in Iran, Ministry of Agriculture, Iran.
- Asgary Ali et al., 2001, "Urban Fire Incidents and National Fire Education Plan", Center for Urban Planning Studies, Tehran, Iran.
- Asgary Ali, et al., 2004, "Transitory Rural Settlements in Iran", Iranian Housing Foundation, Tehran, Iran.
- Asgary Ali, et al., 2001, "Location Analysis and Location Model for the Iranian Agriculture Bank Branches and its Application Iranian Agriculture Bank Using GIS", Agriculture Bank of Iran, Tehran, Iran.
- Asgary Ali, et al., 2000, "Guidelines for Social, Economic, and Environmental Impact Assessment of Road and Rail Projects", Ministry of Roads and Transportation, Tehran, Iran.
- Asgary Ali and Hajinejad Ali, 2000, "Current and the Future Role and Place of Sistan Regional Development", Sistan Region Development Organization. Zabol, Iran.
- Asgary Ali and Ghomashchi Vahid, 1999, "Designing Regional Indexes for Fisheries Development Activities", Iranian Fisheries Company, Tehran, Iran.
- Asgary Ali, 1998, "Feasibility Analysis of GIS Applications in the Iranian Fisheries Company", Iranian Fisheries Company, Tehran, Iran.
- Asgary Ali, 1997, "Modeling Rural Resettlement after Natural Disasters", Iranian Housing Foundation, Tehran, Iran.

#### **vii) Other publications (e.g., workshops presented, other publications)**

- Business Continuity Workshop, Public Safety Canada, Halifax, Nova Scotia, Canada, January 15<sup>th</sup>, 2013.
- Asgary Ali, and Kari Dariyoush, 2013, The Current Status of Academic and Research Journals in Disaster and Emergency Management, IAEM Bulletin, Vol. 30, No. 5, P. 1.
- Asgary, Ali and Rowell, Bertie. 2011, Disasters without borders: EM and international trade, IAEM BULLETIN". v. 28 (7) p. 7
- Asgary, A., and Tajaddod Nasim, 2011, "It Will Happen Again: What We Can Learn from the October 2010 Hungarian Red Sludge Disaster", IAEM Bulletin, October 2011, 28-29.
- Business Continuity Workshop, Public Safety Canada, Halifax, Nova Scotia, Canada, January

- 
- 15<sup>th</sup>, 2013.
- Spatial Statistics in ArcGIS, 4th Congress of the Islamic World Geographers, University of Sistan & Baloochestan, April 15th, Zahedan, Iran.
- Using Virtual World for Disaster and Emergency Management Training and Exercise, Workshop, International Disaster and Risk Conference IDRC Davos 2010, Davos, Switzerland June 4, 2010.
- Strategic Vulnerability Assessment of Critical Infrastructure Interdependencies to Volcanic Eruptions, Politecnico di Milano, Milan, Italy, June 17 2010, Table top emergency exercise developed and conducted by me for researchers and professionals involved in ENSUR Project.
- Vulcano Isola Volcano Emergency Table Top Exercise, Vulcano Island, Italy, May 21 2010. I developed and conducted the exercise for emergency management experts and officials .
- Virtual World, Virtual City, and Virtual Planning and Design, Islamic Azad University, Dubai, UAE. April 11, 2010. I was invited to present this topic for Urban Planning and Architecture faculty and students.
- Virtual World, Virtual City, and Virtual Planning and Design, Tarbiat Modares University, Tehran, Iran. April 18, 2010. I was invited to present this topic for Urban Planning and Design faculty and students.
- GIS as a Tool for Disaster Management, University of Geneva, Swiss, April 2010. This was a 3 hour lecture presented for participants of the professional certificate in Geological Hazards and Risks Management.
- Disaster and Emergency Management, University of Geneva, Swiss, February 2010. This was a 3 hour lecture presented for participants of the professional certificate in Geological Hazards and Risks Management.
- First International Virtual emergency Exercise, York University Disaster and Emergency Virtual Lab in Second Life, May 5 and 6, 2009.
- Asgary Ali, 2007, "Concept and Characteristics of Resilient Cities", Urban Planning Association, December 23, Tehran, Iran.
- Asgary Ali, 2007, "Emergency Management and Public Transit", Municipalities Organization, Tehran, Iran, December 16-17.
- Asgary Ali, 2007, "Emergency Management and Public Transit", Municipalities Organization, Tehran, Iran, December 18-19.
- Asgary Ali, 2007, "Emergency Management and Public Transit", Municipalities Organization, Tehran, Iran, December 20-21.
- Asgary Ali, 2007, "What Do Universities Need: Business Continuity or Emergency Management?" Emergency Management for School, Colleges and Universities Conference, Toronto, Oct. 1-2.
- Asgary Ali, 2007, "Estimating Households' Willingness to Pay for Upgraded Building Codes", International Institute of Earthquake Engineering and Seismology", Tehran, February 18.
- Asgary Ali, 2006, "Measuring the Immeasurable: Quantifying the Benefits of Mitigation", Emergency Management Ontario-York University Learning Series, November 9, Toronto.
- Asgary Ali, 2006, "Business Continuity Workshop (3 day workshop)", The Geography Institute, Tehran, University, Tehran, Iran, Summer 2006.

- 
- Asgary Ali, 2006, “Qualitative Research Method Workshop (2 day workshop)”, The Geography Institute, Tehran, University, Tehran, Iran, Summer 2006.
- Asgary Ali, 2005, “Probability Based Prediction of Earthquake in the Next 24 Hours”, BBC Web site ([http://www.bbc.co.uk/persian/science/story/2005/05/050519\\_mj-aasgari-earthquake.shtml](http://www.bbc.co.uk/persian/science/story/2005/05/050519_mj-aasgari-earthquake.shtml)).
- Asgary Ali, 2004, “Emergency Management Workshop for Local Governments (4 day workshop)”, Economic Research Institute, Tarbiat Modares University, Tehran, Iran. Summer 2004.
- Asgary Ali, 2004, “Emergency Management Workshop for Local Governments (4 day workshop)”, Economic Research Institute, Tarbiat Modares University, Tehran, Iran. Fall 2004.
- Asgary Ali, 2004, Brandon: An Emerging Hub for Disaster and Emergency Education, Science and Technology”, *Ecclectica*, March 2004, Science, Published by Brandon University.
- Asgary Ali, 2004, “Business Continuity for Local Governments (1 day workshop)”, Tehran Municipality, Tehran, Iran, Summer 2004.
- Asgary Ali, 2003, Critical Infrastructure, C.F.B. Shillo, November 2003.
- Asgary Ali, et al., 1997, “Planning New Functions for Old Abundant Industrial Sites of Ogaki City, Japan”, Young Planners Workshop, 12-16 September, Ogaki, Japan.

#### **viii) Works in progress**

### **n) Participation at Meetings**

#### **i). Contributed Presentations (peer reviewed)**

#### **ii). Invited Presentations**

- Asgary Ali, 2014, “Role of Mayors in Emergency Management: Case of Calgary and Toronto Mayor”, Iranian City Management Conference, May 2014, Rasht, Iran.
- Asgary Ali, 2014, “Role of Mayors and Council Members in Emergency Management”, Tehran City Council, May 2014, Tehran Iran.
- Asgary Ali, 2014, “Applying the 21<sup>st</sup> Century’s Principles of City Building for Delijan” May 2014, Delijan, Iran.
- Asgary Ali, 2014, “Oil Transportation Risks and Emergency Response Problems”, Great Lakes Initiative, Great Lakes and St. Lawrence Cities Initiative, 2014 Annual Meeting and Conference, Thunder Bay, Ontario, June 18-20, 2014.
- Asgary Ali, 2004, “Prospect Planning Theory”, Faculty of Geography, Tehran University. December 12 2004,
- Asgary Ali, 2004, “Prospect Theory and Its Applications in Environmental Risk Management”, Faculty of Environment, Tehran University, 14 December 2004.
- Asgary Ali, 2004, “Assessing Benefits of Urban Risk Mitigation Measures”, 3 March 2004, Federal Department of Town and Country Planning, Malaysia.
- Asgary Ali, 2004, “Prospect Theory and Its Application in Urban Planning”, 1 March 2004, Federal Department of Town and Country Planning, Malaysia.
- Asgary Ali, “Disaster Recovery Planning for Municipalities”, 27 June 2004, Tehran Municipality, Iran

-----  
Asgary Ali, 2004, “Disaster and Development: Bam Experience”, 20 June 2004, Kerman University, Kerman, Iran.

Asgary Ali, 2003, “GIS Applications in Fisheries, Fisheries Research Center”, 25 July 2003, Tehran, Iran.

Asgary Ali, 2003, “Planning Technology, Iranian Urban Planning Society”, July 2003, Tehran, Iran.

**iii). Other (E.g.s. Discussant, Chairperson, Conference organizer etc.)**

Organizer, Haiti Earthquake: Lessons Learned, York University, January 2011.

Scientific Board, 2<sup>nd</sup> International Conference on Integrated Natural Disaster Management, February 18-19, 2008, Tehran, Iran.

Scientific Board, 2<sup>nd</sup> International Conference on Integrated Natural Disaster Management, February 13-14, 2007, Tehran, Iran.

Chairperson and Discussant, 2<sup>nd</sup> International Conference on Integrated Natural Disaster Management, February 13-14, 2007, Tehran, Iran.

Chairperson and Discussant, 3<sup>rd</sup> Conference on Ports Safety and Security, February 13-14, 2007, Tehran, Iran.

**o) Service**

**i) Internal: University level**

Senate’s Appeals Committee, York University, 2011-2014.

Senate’s Ad-Hoc Committee, York University, 2013-2015.

Chair and Member, The Senate Ad Hoc Committee, 2005-2009.

Member, Brandon University Senate, January 2005 to July 2005.

Member, Senate Library Committee, Brandon University, 2004-2005.

Member, Brandon University Research Committee, January 2004-July 2005.

Member, Tarbiat Modares Senate, 2000-2002.

**ii) Internal: Faculty Level Committees**

Executive Committee of the Council, Faculty of Liberal Arts and Professional Studies, York University, 2014-2016.

Academic Honesty, Faculty of Liberal Arts and Professional Studies, York University, 2013-2014.

Petition Committee, Faculty of Graduate Studies, York University, 2013-2015.

Member, LA&PS Petition Committee, 2010-2012, York University.

Vice Chair, Atkinson Faculty Council, York University, July 2005-2009.

Director, Computer Centre, Faculty of Art, Tarbiat Modares University, 1998-2002.

**iii) Internal: School/Department level**

International Committee, School of Administrative Studies, 2014-2016.

File Preparation Committee, School of Administrative Studies, 2014.

Tenure and Promotion Committee, School of Administrative Studies, 2014-2016.

Undergraduate Area Coordinator, Bachelor of Disaster and Emergency Management, School of Administrative Studies, York University, 2013-2015.

Graduate Program Director, Master of Disaster and Emergency Management Program, 2010-2013.

Member, Teaching and Training Committee, School of Administrative Studies, York University, July 2007-2009.

Member, Research Committee, School of Administrative Studies, York University, July 2007-

-----  
2009.

Member, Emergency Management Program Advisory Committee, York University, 2005-Now.  
Lead Proponent, Proposal for Master of Arts in Disaster and Emergency Management. School of Administrative Studies, York University, 2006 –2007.

Member, A-DES (Applied Disaster and Emergency Management) Advisory Committee, Brandon University, 2003-2005.

Member, Economic Research Institute Research Committee, Tarbiat Modares University, 1998-2002.

Chair, Department of Applied Disaster and Emergency Studies, Brandon University, 2004-2005.

Chair, Urban and Regional Planning Research Unit, Economic Research Institute, Tarbiat Modares University, 1998-2004.

Chair, Department of Urban and Regional Planning, Faculty of Fine Arts, Tarbiat Modares University. 1999-2001.

Acting Chair, Department of Economic, Bu-Ali Sina University, 1990-1993.

**iv) External/community service**

President, International Association of Emergency Managers – Canada, July 2007-2009.

Board Member, International Association of Emergency Managers, July 2007-2009.

Member, Program Committee Marquis Project (NGO), Brandon Manitoba, 2004-2005.

Volunteer, Brandon Correction Services, Brandon, Manitoba, 2003-2005.