

CURRICULUM VITAE

KANAKO IUCHI, Ph.D.

iuchi@irides.tohoku.ac.jp

Current as of June, 2017

Active in both practice and research, I have worked in the field of international development planning and disaster risk management for more than 20 years, specializing in disaster management planning, urban and regional planning, and community development. Since 2013 I have been an Associate Professor at the International Research Center for Disaster Science (IRIDeS), Tohoku University, focusing on disaster research and advocating better rebuilding after disasters. Prior to joining IRIDeS I worked as an Urban Specialist at the World Bank. I have also worked as an international development planner and researcher with bi- and multi-lateral organizations; national, regional, and local governments; and communities in more than ten countries across East and South Asia, South America, and Eastern Europe.

My recent work has primarily centered on planning and researching post-disaster rebuilding after large-scale disasters in urban and coastal areas, including Aceh and Yogyakarta, Indonesia (post-Indian Ocean tsunami of 2004 and post-Merapi eruption of 2010), Tohoku, Japan (post-Great East Japan Earthquake of 2011), New York City, USA (post-Hurricane Sandy of 2012), Tacloban, Philippines (post-Haiyan typhoon of 2013), and Kathmandu, Nepal (post-Gorkha earthquake of 2015). Along with these experiences, I have over 25 publications from peer reviewed journals, official publications, book chapters, and conference papers. I have presented my research and professional work at key academic and international conferences. Moreover, I have an established track record of receiving intra- and extramural grants to fund my research, and have received awards for my work. I hold a BS from Tsukuba University, an MRP from Cornell University, and a PhD from University of Illinois, Urbana-Champaign, in urban and regional planning.

EDUCATION:

- 2006-2010 PhD in Urban and Regional Planning, University of Illinois at Urbana-Champaign, Champaign, Illinois, U.S.A.
Dissertation: "Redefining a place to live: Resettlement decisions, planning processes, and outcomes after a natural disaster"
Advisor: Professor Robert B. Olshansky
- 2004-2006 Master of City and Regional Planning, Cornell University, Ithaca, NY, U.S.A.
Thesis: "Earthquake impact mitigation in poor urban areas: Problems and opportunities in Metropolitan Manila"
Advisor: Professor David B. Lewis
- 1990-1994 Bachelor of Social Science in Urban and Regional Planning, University of Tsukuba, Tsukuba, Ibaraki, Japan.
Title: "Planning visual signs in cities for elderly"
Advisor: Professor Paul H. Tanimura

EMPLOYMENT:

- 2013-Current International Research Institute of Disaster Science (IRIDeS), Tohoku University. Human and Social Response Research Division, Sendai, JAPAN

Associate professor. Researching various international disaster recovery with focus on post-disaster resettlement and relocation, recovery policies and communities, and land use planning. Organizing and participating international and domestic scholarly and practice-oriented conferences, workshops and symposiums on planning and disaster recovery.
- 2010-2013 The World Bank, Urban Unit, Financial, Economic and Urban Department (FEUR), Washington DC, U.S.A

Urban specialist, Co-team leader. Researched various issues on international urban

development with specific emphasis on resilient and sustainable urban development. Managed study implementation and written successful inter-Bank grants for research implementation. Organizing and participating international and domestic conferences, workshops and symposiums.

- 2006-2010 University of Illinois at Urbana-Champaign, Department of urban and regional planning, Champaign, IL, U.S.A.
Graduate research assistant. Participated in two research projects on post-disaster recovery and disaster management planning held with the fund of National Science Foundation (NSF).
- 2004-2006 Cornell University, Department of city and regional planning, Ithaca, NY, U.S.A.
Teaching assistant. Organized and run three graduate-level classes of international development, GIS, and regional science seminar courses with professors in charge.
- 1994-2004 Pacific Consultants International, Tama, Tokyo, Japan.
Disaster management planner/ Urban planner (1999-2004). Analyzed disaster management issues and developed plans with local governments in five countries, including Indonesia, Pakistan, the Philippines, Turkey, and Colombia. Participated in urban planning projects in Vietnam, Japan, Bosnia and Herzegovina and Hungary.
Market Analyst and Business Operation Manager (1994-2000). Analyzed development trend of international organizations, state governments, and development projects; marketed, researched, and prepared technical and financial proposals for more than 200 projects worldwide; and monitored on-going development projects implemented under PCI group.

AFFILIATION:

- 2016-Current Ibasho Japan, Tokyo, JAPAN
Co-Director. Developing projects and programs for sustainable community in aging society. Especially focusing in disaster-stricken areas including Ofunato, Japan, Ormoc, Philippines, and Nepal. Advising organization for activities and fund raising.

ACADEMIC FELLOWSHIPS, SCHOLARSHIPS and AWARDS:

- 2012 EAP VPU Team Awards on Book Publication “Sustainable Low-Carbon City Development in China”, The World Bank.
- 2011 Outstanding Doctorate Student Award, Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign.
- 2010 ACSP Student Travel Award, Association of Collegiate Schools of Planning (ACSP).
- 2009 Dissertation Fellowships in Hazards, Risk, and Disasters, National PERISHIP Awards (funded by NSF (National Sciences Foundation), the Public Entity Risk Institute and The University of Colorado Natural Hazards Center).
- 2009 Book Fair Publisher Travel Scholarship, Association of Collegiate Schools of Planning (ACSP).

GRANTS & FUNDING

External Funding

- 2017-2020 Research on developing a relocation and resettlement framework for resilient recovery (Strengthening international collaborative research) (*Resilient na fukko wo mezasu fuhenteki na iten saiteiju keikaku no wakugumi kochiku ni muketa kenkyu*) (PI Japan Society for the Promotion of Science (JSPS) (JPY12,000,000 (US\$120,000))).
- 2016-2020 Understanding resettlement processes for better community rebuilding: Focusing on typhoon Haiyan affected regions (*Yoriyoi seikatsu saiken ni muketa itensaiteijyu keikaku process no kaimai: Typhoon Haiyan hisaichi wo taisho ni*) (PI Japan Society for the Promotion of Science (JSPS) Grants-in-Aid Grant Number 16H05752 (JPY12,100,000 (US\$121,000)))
- 2016-2019 Integrated study on recovery from the Great East Japan Earthquake – focusing on rebuilding

of cities, lives, and livelihoods (Higashi nihon daishinsai ni okeru fukko no sogoteki kennkyu – machi no fukko, seikatsu no saiken, seigyō no fukkatsu wo chushin ni) (Co-PI; PI: Makoto Iokibe). Japan Society for the Promotion of Science (JSPS) Grants-in-Aid Grant Number 16H03586 (JPY17,290,000 (US\$172,000))

- 2015-2016 Land use planning in recovery in the project for assessment of earthquake disaster risk for the Kathmandu Valley (PI). Oriental Consultants Global/Japan International Cooperation Agency (JPY2,892,000 (US\$28,920)).
- 2014-2017 Research on resettlement policies and decision making processes of disaster affected communities in Aceh and Yogyakarta (PI). Japan Society for the Promotion of Science (JSPS) Grants-in-Aid Grant Number 26420597 (JPY4,550,000 (US\$45,500)).
- 2009 Academy Grant, 2009 Summer Academy on Social Vulnerability: “Tipping Points in Humanitarian Crises”, United Nations University Institute for Environment and Human Security (UNU-EHS) (Funded by Munich Re Foundation).

Internal Funding

- 2015-2016 Program development on recovery support and disaster risk reduction to build back better in the Philippines (*Philippine no build back better ni muketa fukkou shien – gensai program no kaihatsu – jisso*) (PI). Tohoku University (IRIDeS) (JPY4,000,000 (US\$400,000)).
- 2014-2015 Symposium on recovery after mega-disasters: People, Community, and Planning (PI). Tohoku University (IRIDeS) (JPY800,600 (US\$80,060)).
- 2013-2015 Research on risk-considered rebuilding policies and livelihood recovery process in Tohoku (*Risk hairiyogata chiiki saiken seisaku to seikatsu saiken process in kansuru kenkyu*) (PI). Tohoku University (IRIDeS) (JPY2,075,000 (US\$20,750)).
- 2013-2014 International comparison on recovery planning and implementation processes after large-scale disasters (IRIDeS) (JPY1,900,000 (US\$19,000)).
- 2006 University Block Grant, Department of Urban and Regional Planning, University of Illinois.
- 2005 International Travel Research Grant, Mario Einaudi Center for International Studies and the International Studies in Planning, Cornell University (US\$1,500).
- 2005 DCRP Summer Research Grant, Department of City and Regional Planning, Cornell University (US\$1,500).

MAJOR PUBLICATIONS:

Journal articles (peer-reviewed)

Iuchi, K. and Maly, E. (2016). Roles of People, Community and Planning in Recovery After Mega-Disasters: A Symposium Synopsis. *Journal of Disaster Research*, 11(3), 170-174.

Nguyen, D., Imamura, F., and Iuchi, K. (2016). Disaster Management in Coastal Tourism Destinations: The Case for Transactive Planning and Social Learning. *International review for spatial planning and sustainable development*, 4(2), 3-17.

Kure, S., Jibiki, Y., Iuchi, K., and Udo, K. (2016). Overview of Super Typhoon Haiyan and characteristics of human damage due to its storm surge in the coastal region, Philippines. *Journal of Coastal Research*, No.75, pp.1152-1156.

Iuchi, K., Matsumaru, R., and Maly, E. (2015). Community-driven post-disaster rebuilding policy and its relocation patterns: A case study of resettlement after the volcanic eruption of Mt. Merapi in Yogyakarta, Indonesia. *Journal of City Planning Institute of Japan*, 50(3), 431-437. (in Japanese)

Maly, E., Iuchi, K. and Nareswari, A. (2015). Community-based Housing Reconstruction and Relocation: REKOMPAK program after the 2010 Eruption of Mt. Merapi, Indonesia. *Institute of Social Safety Science Journal*, Volume 27, 205-214.

Iuchi, K. (2014). Planning resettlement after disasters. *Journal of the American Planning Association*, 80(4): 413-425.

Iuchi, K., Johnson, L., and Olshansky, R. (2013). Securing Tohoku's Future: Planning for Rebuilding in the First Year Following the Tohoku-Oki Earthquake and Tsunami. *Earthquake Spectra*: March 2013, Vol. 29, No. S1, pp. S479-S499.

Iuchi, K. (2010). Reducing vulnerabilities through resettlement planning in disaster-affected communities: Relocation or Repopulation?, *Studies of the University: Research, Counsel, Education (SOURCE) – Publication Series of the United Nations University Institute for Environment and Human Security (UNU-EHS)*, 13/2010.

Iuchi, K. (2010). Local struggles in the midst of international disaster management systems after disasters: the case of *Muzaffarabad* City in post-2005 Kashmir Earthquake. *The Public Policy Journal of Cornell Institute for Public Affairs*, 13(2).

Iuchi, K. and Esnard, A-M. (2008). Earthquake Impact Mitigation in Poor Urban Areas: The Case of Metropolitan Manila. *Journal of Disaster Prevention and Management*, 17(4),454-469.

Iuchi, K. (2004) Resilient Urban Development against Earthquakes in Developing Countries – a reflection from Earthquake Impact Reduction Study for Metropolitan Manila, Republic of the Philippines, *Society of Earthquake Prevention*, 197 (July), 41-46 (Japanese)

Conference papers/Proceedings

Iuchi, K. (2016, June). “Governing community relocation after major disasters: Three different approaches in Japan, Philippines and Indonesia”. In *Proceedings of the 8th National Social Science Congress: Inclusive Governance: Gateways for Sustainable Futures*. Batangas, Philippines.

Olshansky, R., Hopkins, L., Chandrasekhar, D. and Iuchi, K. (2009, June). “Disaster Recovery: Explaining Relationships among Actions, Decisions, Plans, Organizations, and People”. In *Proceedings of 2009 National Science Foundation (NSF) Civil, Mechanical and Manufacturing Innovation (CMMI) Engineering Research and Innovation Conference*, Honolulu, Hawaii.

Solidum, R.U. Jr, Bautista, B.B., Santiago, R. J., Segawa, S., Koike, Y., Ikenishi, N., and Iuchi, K. (2004, March). “Evaluation of Seismic Damages and Vulnerabilities of Metropolitan Manila”. In *proceedings of Asia Conference on Earthquake Engineering 2004*, Metropolitan Manila, the Philippines

Books and Chapters (Peer-reviewed)

Iuchi, K., & Olshansky, R. (In Press). Revisiting Tohoku’s five-year recovery: Community rebuilding policies, programs and implementation. In V. Santiago-Fandino, S. Sato, N. Maki & K. Iuchi (Eds.), *The 2011 Japan Earthquake and Tsunami: Reconstruction and restoration insights and assessment after 5 years*. Switzerland: Springer.

Jibiki, Y. and Iuchi, K. (2017). Developing evaluation framework of national level interim reconstruction agencies after mega-disasters: an initial attempt on evaluation by referring to international case (*Kyodai saigai hasseigo ni okeru kokka revel no hyoka wakugumi no kochiku ni mukete: kokusai jirei ni yoru kensho no kokoromi*) in Yoshihara N., K. Nitakai, and M. Matsumoto (Eds.). *Records of ‘restoration’ of the Victims’ Refugee Lives in the Great East Japan Earthquake*. Rokka shu5ppan. Tokyo.

Iuchi, K. and E. Maly. (2016). Residential Relocation Processes in Coastal Areas: Tacloban City after Typhoon Yolanda. Chapter 14 in: Sapat, A. and Esnard, A-M. (Eds.). *Coming Home after Disaster: Multiple Dimensions of Housing Recovery*. Routledge: CRC Press. Boca Raton, FL (ISBN# 9781498722865, CAT# K25654).

Iuchi, K. (2016). Disaster risk management and its relationship to land use geographies vulnerable to water-related disasters: An analysis of the Japanese legislative system. In *spatial planning and resilience following disasters: International and comparative perspectives*, ed. by Greiving, S., Ubaura, M., and Tesliar, J. Bristol: Policy Press.

Iuchi, K. (2016). Planning systems for risk reduction and issues in pre-disaster implementation. In *spatial planning and resilience following disasters: International and*

comparative perspectives, ed. by Greiving, S., Ubaura, M., and Tesliar, J. Bristol: Policy Press.

Grieving, S., Iuchi, K., Tešliar, J., & Ubaura, M. (2016). Change-proof cities and regions - an integrated concept for tackling key challenges for spatial development, in spatial planning and resilience following disasters. *In spatial planning and resilience following disasters: International and comparative perspectives*, ed. by Greiving, S., Ubaura, M., and Tesliar, J. Bristol: Policy Press.

Iuchi, K., Maly, E., and Johnson, L. (2015). Three years after a mega-disaster: Recovery policies, programs and implementation after the Great East Japan Earthquake. *In Post-tsunami hazard reconstruction and restoration*, ed. by V. Santiago-Gandino, Y. A. Kontar, and Y. Kaneda. London: Springer

Suzuki, H., Cervero, R., Iuchi, K. (2013). Transforming Cities with Transit: Transit and Land-Use Integration toward Sustainable Urban Development. Washington DC: The World Bank.

Baeumler, A., Chen, M., Iuchi, K. and Suzuki, H. (2012). “Eco-cities and low-carbon cities: The China context and global perspectives in sustainable low-carbon city development.” In Baeumler, A., Ijjasz-Vasquez, and E., Mehndiratta, S (Eds). *Sustainable Low-Carbon City Development in China*, (Chapter 2, pp. 33-62). Washington DC: The World Bank.

Community outreach

Iuchi, K. (2011). Thinking of *Tohoku* – Planning and disaster recovery, *Uzo Nishiyama memorial library for sustainable urban and livings*, Summer issue, Seasonal journal. (In Japanese)

Ikenishi, N., Iuchi, K. and Takahashi, R. (2004). Developing Safer Cities Against the Impacts of Earthquakes, *Urban Partnerships Foundation*, April issue, Occasional Paper 5.

Reports

Iuchi, K. Risk Appraisal (Chapter 3). *URBIPROOF Handbook, Increasing Resilience of Urban Areas* (2015). Tohoku University, Agency for the Support of Regional Development Kosice, and TU Dortmund, Dortmund, Germany

Iuchi, K., Maly, E., Izumi, T., and Matsumoto, M. (2015). Paths to “Build Back Better”: involvement of local stakeholders in future disaster risk reduction and planning recovery and implementation, Second report of IRIDeS Fact-Finding missions, Philippines, Chapter 11, pp.114-168.

HFA IRIDeS Review, Preliminary Report: Focusing on 2011 Great East Japan Earthquake (2013). International Research Institute of Disaster Science (IRIDeS), Sendai, Japan.

EERI Social Scientists Team, Earthquake Engineering Research Institute (EERI) (2011). *The March 11, 2011, Great Eastern Japan (Tohoku) Earthquake and Tsunami: Societal Dimensions*, Oakland, California.

The World Bank (2004). *Disaster Management Strategy Development*, Republic of the Philippines. Member of the World Bank study team and lead author of: “Chapter 2: Overview of natural disasters in the Philippines,” “Chapter 4: Study on earthquake disaster,” and “Chapter 9: Earthquake disaster section in summary of findings and recommendations.”

Japan International Corporation Agency (2004) *Earthquake Disaster Impact Reduction Study in Metropolitan Manila*, Republic of the Philippines. Member of the JICA study team and lead author of: “Chapter 8: Social systems and conditions” and “Chapter 14: Urban spatial analysis on vulnerability for earthquake in Metropolitan Manila.”

Japan International Corporation Agency (2002). *Study on Disaster Prevention in the Bogotá Metropolitan Area*, Colombia. Member of the JICA study team and lead author of: “Social and economic conditions, Bogotá City development, and Existing plan” sections in “Chapter 2: Existing conditions,” “Regional risk analysis” section in “Chapter 3: Vulnerability analysis,” “General” section in “Chapter 5: Basic plan for disaster prevention of the Bogotá City area.”

MAJOR PRESENTATIONS:

Conference Presentations

- Presenter Iuchi, K. Revisiting Tohoku Recovery: A review of the first five years of rebuilding after the Great East Japan Earthquake and Tsunami. April 10, 2017, American Association of Geographers (AAG), Boston, Massachusetts
- Co-Presenter Maly, E., Sakurai, A., & Iuchi, K. Modes of resident participation in the housing reconstruction process in Tacloban city, Philippines after 2013 Typhoon Yolanda. Dec. 16, 2016, 10th Conference of the Pacific Rim Community Design Network: Agency and Resilience, Hong Kong
- Co-Presenter Maly, E., Sakurai, A., & Iuchi, K. Linking housing and school recovery post-disaster: Tacloban after typhoon Yolanda. November 8, 2016. USMCA2016: 15th International Symposium on New Technologies for Urban Safety of Mega Cities in Asia, Tacloban, the Philippines
- Presenter Iuchi, K. An initial assessment of communities' adaptive capacity in post-disaster relocation in Tacloban City after 2013 Typhoon Yolanda. 56th Annual Association of Collegiate School of Planning (ACSP) Conference, November 4, 2016, Portland, Oregon.
- Co-Presenter Maly, E., Sakurai, A., & Iuchi, K. The role of NGOs in post-disaster housing provision for a people centered recovery. September 22, 2016. 11th International Symposium on Architectural Interchanges in Asia (ISAIA 2016), Sendai, Japan
- Presenter Iuchi, K. Governing post-disaster community relocation in Asia: Learning from three cases after tsunami, storm-surge, and volcanic eruption., July 14, 2016. The 41st Annual Natural Hazards Research and Applications Workshop, IRCD Researchers Meeting (IRCD)Broomfield, Colorado
- Presenter Iuchi, K. and Maly, E. Relocation dynamics of informal settlers after the 2013 typhoon Yolanda – a two year report. March 31, 2016, American Association of Geographers (AAG), San Francisco, California
- Presenter Iuchi, K., Matsumaru, R., and Maly, L. Community-driven post-disaster rebuilding policy and its relocation patterns: A case study of resettlement after the volcanic eruption of Mt. Merapi in Yogyakarta, Indonesia (*Saigaigo no community iten ni kansuru seido to iten no pattern ni kansuru kenkyu: Indonesia Merapi kasan saigaigo no jirei ni chakumoku shite*). 50th City Planning Institute of Japan Research Symposium, November 7, 2015, Miyazaki, Japan.
- Presenter Iuchi, K. Relocation in recovery after large scale disasters: Initial effort on coastal relocation in post-Haiyan Tacloban, the Philippines. 55th Annual Association of Collegiate School of Planning (ACSP) Conference, October 22, 2015, Houston, Texas.
- Co-Presenter Maly, E. and Iuchi, K. Tacloban Post-Yolanda: Unprecedented Post-disaster Housing Relocation. 11th APRU multi-hazards symposium. October 7, 2015, Manila, Philippines
- Presenter Iuchi, K. and Maly, E. Adopting a community-driven rebuilding program for better relocation post-disaster: A Yogyakarta case study after the volcanic eruption of Mt. Merapi., July 23, 2015. Broomfield, Colorado.
- Presenter Iuchi, K. Resettling from the 2004 Chuetsu earthquake – Decision making and community cohesiveness. 2014 Asian Network for Public Opinion (ANPOR) Annual Conference, November 30, 2014, Niigata, Japan.
- Presenter Iuchi, K. 'Build back better' after Typhoon Yolanda - Initial planning dialogue on land use and risk after the typhoon of November 2013. The International Symposium on City Planning, November 7, 2014, Hanoi, Vietnam
- Co-Presenter Finn, D., Iuchi, K. and Olshansky, R. The utility of planning in solving crisis problems: A comparison of government responses to Hurricane Sandy and the Tohoku-oki earthquake. Association of Collegiate School of Planning (ACSP), October 30, 2014, Philadelphia, Pennsylvania.

- Presenter Iuchi, K. Understanding relationships of risk, land use and time for a planning decision after a major disaster. IRCD Researchers Meeting (IRCD), June 26, 2014. Broomfield, Colorado.
- Presenter Iuchi, K. Altering “one-size-fits-all” recovery planning in the third year after the Great East Japan Earthquake and Tsunami. 12th International Congress of Asian Planning Schools Association. November 2, 2013. Taipei, Taiwan.
- Presenter Iuchi, K. and Maly, L. Initial Regional Assessment of Local Recovery Planning in the Tohoku Region after the Great East Japan Earthquake. IRCD Researchers Meeting (IRCD), July 17 2013. Broomfield, Colorado.
- Presenter Iuchi, K. and Suzuki, H. Promoting compact urban design for cities in developing countries: Issues and opportunities for sustainable development. Montreal Eco City World Summit, August 22-26, 2011, Montreal.
- Presenter Iuchi, K. The influence of planning processes on community resettlement after disasters. Association of Collegiate School of Planning (ACSP), October 7-10, 2010, Minneapolis.
- Co-Presenter Hopkins, L. D., Olshansky, R. B., Chandrasekhar, D., and Iuchi, K. How do Organizations Use Plans in Multi-Scale, Spatially Integrated Environments? Association of Collegiate School of Planning (ACSP), October 7-10, 2010, Minneapolis.
- Presenter Iuchi, K. To relocate or to return? Resettlement decisions of villagers following a devastating earthquake. International Research Committee on Disasters Researchers Meeting (IRCD), July 13 – 14, 2010, Broomfield, Colorado.
- Presenter Iuchi, K. Understanding key planning decisions and processes for better community resettlement after disasters, poster presentation, Natural hazards center, 2010 annual workshop, July 10 – 13, 2010, Broomfield, Colorado.
- Presenter Iuchi, K. Understanding a better resettlement planning for disaster-affected communities: Observing resettlement strategies and their impact on resettlement decisions in post-*Chuetsu* earthquake, Japan. Association of Collegiate School of Planning (ACSP), October 1-4, 2009, Crystal City.
- Co-Presenter Hopkins, L. D., Olshansky, R. B., Chandrasekhar, D., and Iuchi, K. Using Plans in New Orleans: Interacting Plans, People, and Organizations. Association Collegiate School of Planning (ACSP), October 1-4, 2009, Crystal City.
- Presenter Iuchi, K. Reducing vulnerabilities through resettlement planning in disaster-affected community: Relocation or Repopulation? United Nations University 2009 Summer Academy on Social Vulnerability: “Tipping Points in Humanitarian Crises”, July 26 - August 1 2009, Munich, Germany.
- Presenter Iuchi, K. Earthquake Impact Mitigation in Poor Urban Areas: The Case of Metropolitan Manila. Association Collegiate School of Planning (ACSP), November 2006, Dallas Fort Worth.
- Presenter Iuchi, K. Evaluation on Urban Vulnerability for Metropolitan Manila – Earthquake Disaster, Japan Society of Civil Engineering (JSCE), September 2004, Hiroshima, Japan.

Invited presentations

- Presenter Iuchi, K. Sharing disaster management experience through bilateral technical assistance. International Symposium on Disaster Risk Reduction: Technology and Disaster Management at K-Safety EXPO, November 18, 2016. Gyeonggi, Korea.
- Presenter Iuchi, K. Variations on recovery processes from the Great East Japan Earthquake and Tsunami. The 5th Symposium by Kobe University on disaster recovery support and disaster science promotion: to utilize earthquake experiences and knowledge, from Hanshin, GEJE, and Kumamoto, October 3, 2016, Kobe, Hyogo
- Presenter Iuchi, K. (Plenary Panelist) Governing community relocation after major disasters: Three different approaches in Japan, Philippines, and Indonesia. Disaster Risk Governance: Lessons from Asia, 8th National Social Science Congress, June 15-17, 2016. Batangas City, the Philippines.

- Presenter Iuchi, K. Recovery from natural disasters – an example of recovery planning and implementation: 10 years of New Orleans (*Shizen saigai karano fukko~Keikaku to jissen no senkou jirei: New Orleans shi no 10 nen*). Miyagino-ward disaster management seminar. March 16, 2016, Sendai, Japan (in Japanese).
- Presenter Iuchi, K. 5 years to restoration after the Great East Japan Earthquake. 2nd Working Group Meeting of WG3 on the project for assessment of earthquake disaster risk for the Kathmandu Valley in Nepal, March 1, 2016, Kathmandu, Nepal
- Presenter Iuchi, K. Considering 5 years from disasters. Kobe University, Tohoku University and Tohoku Recovery Consortium Joint symposium: Issues after the recovery mid-point of the Great East Japan Earthquake (*Higashi nihon daishinsai kara no fukko chuki ikou no kadai*), January 18, 2015, Sendai, Japan (in Japanese)
- Presenter Iuchi, K. Technical assistance on disaster management through Japanese ODA –A case in the Philippines. International Symposium on Disaster Risk Reduction: Technology and Disaster Management at K-Safety EXPO, November 27, 2015. Gyeonggi, Korea.
- Presenter Iuchi, K. Revitalizing local economy with planning. 1st Workshop organized and sponsored by IRIDeS/Tacloban City: Reflecting on Typhoon Yolanda ~ for saving future lives ~ October 12, 2015, Leyte, Philippines.
- Presenter Iuchi, K. Land use as a tool for resilient cities – realities and prospects - SEES meeting, August 24, 2015, Washington DC, US.
- Presenter Iuchi, K. 5th year into rebuilding post-3.11: Planning processes and emerging issues. US-JAPAN Grassroots Exchange Program Citizen Participation in Community Building Post-Disaster. June 22, 2015, Sendai, Japan.
- Presenter Iuchi, K. Planning systems for risk reduction and issues in pre-disaster implementation. Scientist Workshop, May 21, 2015, Dortmund, Germany
- Presenter Iuchi, K. Risk Appraisal in Spatial Planning. Practitioner Workshop, May 20, 2015, Dortmund, Germany
- Presenter Iuchi, K. Post-earthquake resettlement policies, processes and outcomes of the 2004 Chuetsu earthquake. 2nd International Symposium on Recovery after Mega-Disasters: People, Community and Planning, the public forum for the UNISDR third world conference on disaster risk reduction. March 16, 2015. Sendai, Japan
- Presenter Iuchi, K. Aceh's 10 year recovery after the Indian Ocean Tsunami. 6th lecture series on disaster management culture in Kesenuma. December 20, 2014, Kesenuma, Japan
- Presenter Iuchi, K. Rebuilding after the Great East Japan Earthquake: Reflecting the 4th year. Seminar on Disaster and Rebuilding at Columbia University, December 7, 2014, New York, New York.
- Presenter Iuchi, K. Rebuilding after the GEJE: Planning processes and emerging needs at the 4th year into rebuilding. Int'l seminar on the 10 years commemoration: Towards a resilient maritime nation to natural disasters for ensuring sustainable marine investment and development, November 24-27, 2014. Jakarta, Indonesia
- Presenter Iuchi, K. Comprehensive Risk Appraisal Overview and examples (Japan). Increasing the Resilience of our Cities against Disasters – a New Integrated Approach to Spatial Planning, September 18, 2014 in Košice, Slovakia
- Presenter Iuchi, K. Towards “build back better”: recovery efforts after Typhoon Haiyan (*Build back better ni mukete: Typhoon Haiyan go no fukkou he no torikumi*), IRIDeS's public seminar for citizens, July 18, 2014, Sendai, Japan (In Japanese)
- Presenter Iuchi, K. Hyogo Framework for Action: Priority Action 1 – Governance (policy base) (*Yusen koudou 1: Governance (Seidoteki Kiban)*), IRIDeS's public seminar for citizens, July 18, 2014, Sendai, Japan (In Japanese)
- Presenter Iuchi, K. Resilience in the face of uncertainty: Is science-based land use sustainable? Symposium on Sustainable and Resilient Urban Infrastructure, January 17, 2014, Ulsan,

Korea

- Presenter Iuchi, K. Disaster risk management and land use in Japan: In geography vulnerable to water-related disasters. Symposium on Spatial Planning following Disasters, December 12, 2013. Sendai, Japan
- Presenter Iuchi, K. Recovering from Disaster: would theory and practice bridge? Pacific Consultants. October, 2013. Sendai, Japan (in Japanese)
- Presenter Iuchi, K. Observing resettlement process after disasters: recovery research by ethnographic methods. IRIDeS, Tohoku University, August 2013, Sendai, Japan (in Japanese)
- Presenter Iuchi, K. Resettlement decision making processes and community dynamics after disasters. Forth conference on seismic disaster management Miyagi. August 2013, Sendai, Japan (in Japanese)
- Presenter Iuchi, K. Planning and Disasters. Environmental & Resource Economics Workshop, Graduate School of Environmental Studies, Tohoku University. May 2013, Sendai, Japan
- Presenter Iuchi, K. 3.11, The Great East Japan Earthquake and the Road to Recovery. Professional Women's Group (PWG) of Zurich, April 2011, Washington DC/Zurich.
- Presenter Iuchi, K. Spatial Dimension of Eco2. In Global Urban Poverty and Population, Catholic University of America, February 2011, Washington DC.
- Presenter Iuchi, K. Influence of planning processes in resettling communities – Government approaches, community processes, and resettlements –. PhD Seminar Series, University of Illinois at Urbana-Champaign, February 2010, Urbana-Champaign.
- Presenter Iuchi, K. Flat lands or mountains? Resettlement decisions of villagers after a devastating disaster. PhD Seminar Series, University of Illinois at Urbana-Champaign, November 2009, Urbana-Champaign.
- Presenter Iuchi, K. Toward a better resettlement planning for post-disaster communities: Case study of Nijumurago area, Niigata, Japan. PhD Seminar Series, University of Illinois at Urbana-Champaign, November 2008, Urbana-Champaign.
- Presenter Iuchi, K. Recovering from the 2005 Kashmir Earthquake. “Urban Planning after Disasters” Seminar Series, University of Illinois at Urbana-Champaign, April 2007, Urbana-Champaign.

TEACHING EXPERIENCE

Tohoku University

Undergraduate level

Introduction to International Development Planning and Disaster Management (new course developed): held Spring 2014, Spring 2015 and Spring 2017. This course introduces students to the world of international development planning and international organizations involved in disaster management. It covers theories of international development and disaster management in developing countries, as well as international trends about policies, projects and actors related to disaster risk management. Students work in small groups to learn research and collaboration skills, and present knowledge gained.

Science of Disaster Management: held Fall 2015. This course provides students with basic knowledge on disaster management from the perspectives of social science, regional planning, and informatics. Students learn about different types of disasters such as landslides, and responses in urban settings, including those dealing with housing and economic recovery. The history of disasters and recovery efforts in Japan and other countries are presented.

Graduate level

Practical Disaster-Prevention Science VII: held Spring 2014, Spring 2015, Spring 2016 and Spring 2017. This course focuses on the evolution and development of the disaster risk reduction movement. Students learn details about the United Nations policies guiding DRM, including 1994 Yokohama Strategy, 2005 Hyogo Framework for Action (HFA) and 2015 Sendai Framework for Disaster Risk Reduction. Students also learn about the practical work of international development actors to understand complexities of DRM

related international work.

Society and Disaster Science: held Fall 2016. This course introduces students to disaster mitigation efforts and necessary disaster responses developed in different disciplines. Different mitigation and response approaches are taught, including hazard mitigation, urban vulnerability assessment, emergency response planning, and evacuation center operation.

Project-based Overseas Learning Class on Disaster Mitigation: held Spring 2015 and Spring 2016. This course is based on fieldwork study in the typhoon affected Tacloban City, Philippines. Students select a topic related to post-Typhoon Haiyan recovery and interview national, regional, local governments as well as affected residents. Through this course, students understand difficulties and complexities of people and communities affected by disasters.

International Lecture on Global Disaster Mitigation I: held Fall 2015 and Fall 2016. This course is taught by several faculty members with various academic backgrounds including engineering (civil, tectonics, tsunami), architecture and planning, and social science. Students learn about various types of disasters that occur world-wide, and how different disciplines are aiming to manage disaster impact reduction.

Lectures to overseas professionals

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| July 2016 | Recovering from the 2011 Great East Japan Earthquake and tsunami in Tohoku (to Filipino junior government officials with JICA program) |
| March 2016 | Land use control and emerging challenges after the Great East Japan Earthquake and Tsunami (to Nepalese government officials with JICA program) |
| Aug. 2014 | Japanese Research Institutes and Post-GEJE rebuilding effort (to Indonesian government officials with JICA program) |
| May 2014 | Policy and Planning for Rebuilding after GEJE and Tsunami (to World Bank headquarter officials) |
| March 2014 | “Build back better” for whom? Overview of planning processes and rebuilding status after 3.11 (to the Office of the Presidential Assistant on Recovery and Rehabilitation (OPARR) in the Philippines) |
| Feb. 2014 | Social sciences for resilient societies (to World Bank GFDRR officers) |
| Sept. 2013 | Planning for rebuilding – Japanese and US efforts after mega-disasters (to Myanmar government officials with JICA program) |

Graduate teaching assistant

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| 2006 Spring | CRP4080/5080 Introduction to Geographic Information System, Cornell University, Department of city and regional planning <ul style="list-style-type: none">• Organized 3 hour weekly lab sessions to 20 graduate and undergraduate students• Graded homework assignments and exams |
| 2005 Spring | CRP 8300 Seminar in Regional Science, Cornell University, Department of city and regional planning <ul style="list-style-type: none">• Organized and run weekly regional science seminar with Prof. Walter Issard and Prof. Sid Salzmann |
| 2004 Fall | CRP5076 International Planning and Development Workshop, Cornell University, Department of city and regional planning <ul style="list-style-type: none">• Organized three-group workshops on development of Rouse, Romania, held twice a week with Prof. David B. Lewis• Provided knowledge and information on international development projects from previous professional experience in international development planning |

CONFERENCES & SYMPOSIUMS HOSTED

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| 2016 | Co-Organizer, The 10 th Disaster Risk Management Seminar organized and sponsored by the World Bank and IRIDEs: Resilient Reconstruction in Nepal - Transforming Risks to |
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Resilience, April 26, 2016, Tokyo, Japan

- 2015 Organizer, Workshop on recovery processes: reflecting on post GEJE and Gorkha earthquake, March 22, 2015, Sendai, Japan
- 2015 Organizer, 1st Workshop organized and sponsored by IRIDeS/Tacloban City: Reflecting on Typhoon Yolanda ~ for saving future lives ~ October 12, 2015. Tacloban, Philippines.
- 2015 Organizer, 2nd International Symposium on Recovery after Mega-Disasters: People, Community and Planning, the public forum for the UNISDR third world conference on disaster risk reduction. March 16, 2015. Sendai, Japan
- 2013 Organizer, International Symposium on Recovery after Mega-Disasters: Symposium on Spatial Planning Following Disasters. December 12, 2013. Sendai, Japan

PROFESSIONAL EXPERIENCE and RESPONSIBILITIES:

2015-2016 Tohoku University, Sendai, Japan. International Research Institute of Disaster Science (IRIDeS).

Land use planner (2015-2016). Participated in the “Project for Assessment of Earthquake Disaster Risk for the Kathmandu Valley in Nepal” funded by Japan International Cooperation Agency (JICA). Engaged in developing recovery master plan from the perspective of hazard sensitive land use after the Gorkha earthquake on April 25, 2015.

2010-2013 The World Bank, Washington DC, USA. Finance, economic and urban department (FEU).

Urban Specialist, Co-Team Leader (2011-2013). Conducting a research project “Integrated Spatial Development Study” to develop a framework and recommendations for promoting connecting/integrating transit services and urban form for growing cities in the developing region.

Urban Specialist (2010-2013). Member of the ECO2 cities group in Financial, Economic and Urban Department (FEU), which aims to disseminate greater ecological and economic sustainability of cities in developing countries. Participated and organized the ECO2 Yokohama Conference (October 2010) focusing on urban upgrading experiences of cities from both industrialized and developing countries; and has been involved in the Indonesian pilot project of ECO2 program as well as planning development strategy for the city of Bordeaux, France, through provision of recommendations and suggestions to local governments (e.g. Jakarta and Surabaya for Indonesia and Bordeaux for France), on adaptation of ECO2 principles.

2004-2010 Independent international planner, World-wide

Planner (2007, 2008). Participated in “The Study on Natural Disaster Management in Indonesia, Republic of Indonesia,” funded by Japan International Cooperation Agency (JICA). Engaged in planning process of institutionalization on disaster management administration for Indonesian central government (BAKORNAS BP); and implemented key informant surveys at *Jember* locality in West Java province and *Pariaman* locality in *Padang Pariaman* Province, to primarily understand the impact of decentralization on urban and disaster management.

Planner (2006, 2007). Participated in the “Integrated Urban Disaster Management Project in Jakarta Metropolitan Area, Republic of Indonesia,” funded by Japan Bank for International Cooperation (JBIC). Urban community enlightenment activities for resilience; on-site community survey and organized workshops; developed recommendations.

Urban Planner (2006). Participated in “The Urgent Development Study on Rehabilitation and Reconstruction in *Muzaffarabad* City, the Islamic Republic of Pakistan,” funded by JICA. Engaged in recovery planning for livelihood restoration of earthquake-affected areas in *Muzaffarabad* City; and held community workshops for promoting preparedness.

Urban Planner (2005, 2006). Participated in “The Comprehensive Urban Development Programme in Hanoi Capital City, Vietnam,” funded by JICA. Assessed and evaluated urban

living conditions in the capital city Hanoi by the GIS; and engaged in policy making of sustainable urban development.

Visiting Scholar (2005). Assessed earthquake impacts on social aspect of Metropolitan Manila, Philippines, with the Philippine Institute of Volcanology and Seismology (PHIVOLCS). Collected and evaluated vulnerability indicators for GIS assessment; analyzed preparedness of the government system to social vulnerabilities; and conducted urban vulnerability analysis.

1994-2004 Pacific Consultants International, Tokyo, Japan

Planner (2004). Participated in the “Project Preparation for Marmara Earthquake in Istanbul Area, Turkey,” funded by the WB. Collected and evaluated basic data on organizational and institutional systems for emergency response and capabilities on implementation.

Disaster management planner (2004). Member of a project named “Disaster Management Strategy Development, Republic of the Philippines,” funded by the WB. Collected and analyzed data on Philippine earthquake occurrence and its impact on their cities; developed policy/strategies for resilient urban form and society.

Urban/social planner (2002-2004). Engaged in a project named “Earthquake Disaster Impact Reduction Study in Metropolitan Manila, Republic of the Philippines,” funded by JICA. Analyzed urban vulnerability to earthquake, complemented by a Geographic Information System (GIS); crafted urban development plan and policies to mitigate earthquake impacts.

Planner (2002). Participated in a project named “Utilization of Japanese Local Development Activities (*chiiki-okoshi*) in Developing Countries,” funded by JICA. Interviewed key Japanese organizations and personnel leading local development to understand key components for good practice; and analyzed and evaluated possible application of local development methodologies to developing countries.

Urban Development Planner (2001-2002). Engaged in the “Study on Disaster Prevention in the Bogotá Metropolitan Area, Colombia,” funded by JICA. Analyzed urban vulnerability against natural disasters (earthquake, flood, and landslide), complemented by GIS; facilitated community based disaster management activities in the less financially privileged communities; recommended sustainable urban development and community development plan to mitigate disaster impacts in the metropolitan region.

Land use planner and project coordinator (1999-2000). Member of a project named “Study on Transportation Master Plan, Bosnia and Herzegovina,” funded by JICA. Reviewed ex-ante and post-conflict land use and land use plans; and coordinated between the government of the Federation of Bosnia and Herzegovina and the Republic of Srpska, and JICA headquarters

Urban Planner (1999). Participated in a project named “Urban Development Strategy and City Assistance Program in East Asia,” funded by the WB. Collected information related to city performance indicators of cities included in the program; coordinated, organized and prepared a conference in Fukuoka, for city participants from five East Asian countries.

Urban Planner and Project Coordinator (1997). Member of a project named “Lake Balaton Environmental Improvement Project, Hungary,” funded by JICA. Reviewed land use control systems and land use; and coordinated between JICA headquarters and team

Market Analyst and Business Operation Manager (1994-2000). Analyzed development trend of international organizations, state governments, and development projects; marketed, researched, and prepared technical and financial proposals for more than 200 projects worldwide; and monitored on-going development projects implemented under PCI group.

MEDIA:

2015 Iuchi, K. Research conducted in the international resiliency lab (*Bosai Shakai Kokusai Hikaku kenkyu bunya no kenkyu naiyo ni tsuite*). Aired on February 1, 2015, DATE FM, Sendai Japan

Iuchi, K. How do we adopt future risk in recovery? (*Fukko ni okeru shourai risk no*

toriatsukai ni tuite) Aired on February 15, 2015 DATE FM, Sendai Japan

Defining disaster risks: building a consensus in communities (*Saigai risk no teigi: chiiki de taiwa, goui wo*). In Kahokushimpo newspaper on January 11, 2015

SERVICE:

- 2015- *Member*, Internal Review Board Committee for research
- 2013- *Chair* (2014~) and *member* (2013), Newsletter working group, public relations committee
- 2013- *Member*, Domestic and international public liaisons committee
- 2013- *Advisor*, Study on supporting approach in disaster recovery. Japan International Cooperation Agency
- 2010 *Panelist*, Advisory panel for metropolitan Bordeaux, International Urban Development Association
- 2007-2009 *Social Chair*, Doctoral Students in Urban Planning (DSUP), University of Illinois at Urbana-Champaign
- 1999-2001 *Committee member*, International Activities Committee, Japan Society of Civil Engineers

MEMBERSHIP:

- 2015-current Association of American Geographers (AAG)
- 2014-current The City Planning Institute of Japan (CPIJ)
- 2011-current Earthquake Engineering Research Institute (EERI)
- 2004-current American Planning Association (APA)
- 2003-current Regional Safety Society of Japan