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Employment

Kochi University of Technology

Assistant Professor, School of Economics and Management 2020-current

Hiroshima University

Assistant Professor, Graduate School for International Development and Cooperation 2019-2020

Kyushu University

Assistant Professor, Graduate School of Urban and Environmental Engineering 2016-2019

Tohoku University

Researcher, Graduate School of Environmental Science 2012

Education

Kyushu University, Ph.D in Engineering 2012-2016

International University of Japan, M.A in International Development 2010-2012

Shah Jalal University of Science and Technology, M.S.S in Economics 2006-2007

Shah Jalal University of Science and Technology, B.S.S in Economics 2002-2006

Publications

1. Sharofiddinov, H., **Islam, M.**, Kotani, K. (2024). How does the number of water users in a land reform matter for water availability in agriculture? *Agricultural Water Management*, 293, 108677.
2. **Islam, M.**, Kotani, K., and Managi, S. (2024). Nature dependence and seasonality change perceptions for climate adaptation and mitigation. *Economic Analysis and Policy*, 81, 34-44.
3. Managi, S., **Islam, M.***, Zhang, D., Zaied, Y. B., and Saito, O. (2023). Natural capital accounting for sustainable cities. *Sustainability Science*, 18, 2049-2051.
4. Yamaguchi, R., **Islam, M.**, and Managi, S. (2023). Natural Capital and Wealth Accounting for Sustainability Assessment: A Global Perspective. *International Review of Environmental and Resource Economics*, 16, 431-465.
5. **Islam, M.**, Zhang, B., and Managi, S. (2022). The trade-off between natural capital and other capitals in Pakistan. *Sustainability Science*, 17, 1799-1811.
6. Managi, S., **Islam, M.***, Saito, O. et al. (2022). Valuation of nature and nature's contributions to people. *Sustainability Science*, 17, 701-705.
7. **Islam, M.**, and Managi, S. (2022). Valuation of Nature's Contribution in Ladakh, India: An Inclusive Wealth Method. *Sustainability Science*, 17, 905-918.

8. N'dri, L., **Islam, M.***, and Kakinaka, M. (2021). ICT and environmental sustainability: Any differences in developing countries? *Journal of Cleaner Production*, 297, 126642.
9. Badamvaanchig, M., **Islam, M.***, and Kakinaka, M. (2021). Pass-through of commodity price to Mongolian stock price: Symmetric or asymmetric? *Resources Policy*, 70, 101955.
10. Hongsakhone, S., **Islam, M.***, and Ichihashi, M. (2021). Producing a village input-output table (VIOT) from household survey data: A case study of a VIOT for a rural village in northern Lao PDR. *Journal of Economic Structures*, 10, 1–24.
11. Sharifi, A., Simangan, D., Lee, C. Y., Reyes, S. R. C., Katramiz, T., Josol, J. C. C., and **Islam, M.** (2021). Climate-induced stressors to peace: A review of recent literature. *Environmental Research Letters*, 16, 073006.
12. Simangan, D., Virji, H., Hendrix, C., **Islam, M.**, Kaneko, S., Ma, Y., Mechler, R., Pangotra, P., Peters, K., Sharifi, A. and Shams, S. (2021). A co-designed heuristic guide for investigating the peace-sustainability nexus in the context of global change. *Sustainability Science*, 16, 1097–1109.
13. Essandoh, O. K., **Islam, M.***, and Kakinaka, M. (2020). Linking international trade and foreign direct investment to CO_2 emissions: Any differences between developed and developing countries? *Science of The Total Environment*, 712, 136437.
14. Jingyu, W., Yuping B., Yihzong W., Zhihui L., Xiangzheng D., **Islam M.**, and Managi S. (2020). Measuring inclusive wealth of China: Advances in sustainable use of resources. *Journal of Environmental Management*, 264, 110328.
15. Hotak, S., **Islam, M.***, Kakinaka, M. and Kotani, K. (2020). Carbon emissions and carbon trade balances: International evidence from panel ARDL analysis. *Environmental Science and Pollution Research*, 27, 24115–24128.
16. Coulibaly, T., **Islam, M.**, and Managi, S. (2020). The Impacts of climate change and natural disasters on agriculture in African countries. *Economics of Disasters and Climate Change*, 4, 347–363.
17. Coulibaly, T., Wakamatsu, M., **Islam, M.**, Fukai, H., Managi, S. and Zhang, B. (2020). Differences in water policy efficacy across South African water management areas (2020). *Ecological Economics*, 175, 106707.
18. **Islam, M.**, and Managi, S. (2019). Green growth and pro-environmental behavior: Sustainable resource management using natural capital accounting in India. *Resources, Conservation and Recycling*, 145, 126–138.
19. Managi, S., **Islam, M.**, Saito, O., Stenseke, M., Dziba, L., Lavorel, S., Pascual, U., and Hashimoto, S. (2019). Valuation of nature and nature's contributions to people. *Sustainability Science*, 1463–1465.
20. **Islam, M.**, Kanemoto, K., and Managi, S. (2019). Growth potential for CO_2 emissions transfer by tariff reduction. *Environmental Research Letters*, 14, 024011.
21. Yamaguchi, R., **Islam, M.**, and Managi, S. (2019). Inclusive wealth in the 21st century. *Letters in Spatial and Resource Sciences*, 12, 101–111.
22. Ying Lee, C., Lotsu, S., **Islam, M.***, Yoshida, Y., and Kaneko, S. (2019). The Impact of an energy efficiency improvement policy on the economic performance of electricity-intensive firms in Ghana. *Energies*, 12, 3684.
23. **Islam, M.**, Yamaguchi, R., Sugiawan, Y., and Managi, S. (2018). Valuing natural capital and ecosystem services: A literature review. *Sustainability Science*, 14, 159–174.
24. **Islam, M.**, and Managi, S. (2018). Sustainable adaptation to multiple water risks in agriculture: Evidence from Bangladesh. *Sustainability (Switzerland)*, 10(6).

25. Rajapaksa, D., **Islam, M.**, and Managi, S. (2018). Pro-environmental behavior: The role of public perception in infrastructure and the social factors for sustainable development. *Sustainability* (Switzerland), 10, 937.
26. Tolliver, C., **Islam, M.**, Shin, K., and Managi, S. (2018). The impact of energy security risks on energy consumption. *International Journal of Innovation and Sustainable Development*, 12, 258–270.
27. Sugiawan, Y., **Islam, M.**, and Managi, S. (2017). Global marine fisheries with environmental sustainability. *Economic Analysis and Policy*, 55, 158–168.
28. Rajapaksa, D., **Islam, M.**, and Managi, S. (2017). Natural capital depletion: The impact of natural disasters on inclusive growth. *Economics of Disasters and Climate Change*, 1, 233–244.
29. **Islam, M.**, Kanemoto, K., and Managi, S. (2016). Impact of trade openness and sector trade on embodied greenhouse gases emissions and air pollutants. *Journal of Industrial Ecology*, 20, 494–505.
30. **Islam, M.**, Kotani, K., and Managi, S. (2016). Climate perception and flood mitigation cooperation: A Bangladesh case study. *Economic Analysis and Policy*, 49, 117–133.
31. **Islam, M.**, and Kotani, K. (2016). Changing seasonality in Bangladesh. *Regional Environmental Change*, 16, 585–590.

Book chapters

1. **Islam, M.**, and Managi, S. (2021). Global human capital: View from inclusive wealth. In measuring human capital (pp. 39-54). Academic Press. ISBN: 9780128190579.
2. Sugiawan, Y., **Islam, M.**, and Managi, S. (2019). Global marine fisheries with environmental sustainability. In wealth, inclusive growth and sustainability. Routledge, New York, USA.
3. Sankaralingam, I., **Islam, M.**, Nozawa, W., and Managi, S. (2019). Impact of infrastructure in India. In wealth, inclusive growth and sustainability. Routledge, New York, USA.
4. Jumbri, I., **Islam, M.**, and Managi, S. (2019). Inclusive wealth adjusted by total factor productivity as a sustainable measurement: global productivity analysis. In wealth, inclusive growth and sustainability. Routledge, New York, USA.
5. Coulibaly, T., **Islam, M.**, and Managi, S. (2019). The impact of climate change and extreme events on agriculture in Africa. In wealth, inclusive growth and sustainability. Routledge, New York, USA.
6. Qiuyi, C., **Islam, M.**, and Managi, S. (2019). Human capital change and social impact under China's universal two-child policy. In wealth, inclusive growth and sustainability. Routledge, New York, USA.
7. Mahful, R., **Islam, M.**, Nakayam, H., and Managi, S. (2019). The effect of landfill gas emission on global warming and workers' health in Indonesia. In wealth, inclusive growth and sustainability. Routledge, New York, USA.

References

Available upon request