

CURRICULUM VITAE

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EDUCATION

- 2010 PhD (Environmental Management and Development), Crawford School of Public Policy, the Australian National University, Australia
- 2003 MA (Economics), York University, Canada
- 1997 MSS (Economics), University of Dhaka, Bangladesh
- 1996 BSS (Economics), University of Dhaka, Bangladesh

POST-PHD EMPLOYMENT

- 01/2023– Senior Lecturer, Crawford School of Public Policy, Australian National University, Canberra, ACT, Australia
- 05/2015–12/2022 Assistant Professor, Lee Kuan Yew (LKY) School of Public Policy, the National University of Singapore (NUS), Singapore
- 01/2014–04/2015 Scientist, Social Sciences Division, International Rice Research Institute (IRRI), Los Baños, the Philippines
- 04/2011–12/2013 Senior Researcher, Department of Economics, Helmholtz Centre for Environmental Research (UFZ), Leipzig, Germany
- 08/2010–03/2011 Research Fellow, Crawford School of Public Policy, Australian National University, Canberra, Australia

MANAGEMENT, LEADERSHIP & SERVICE

- 07/2018–06/2020 Chair, PhD Program, LKY School of Public Policy, NUS
- 04/2017–04/2018 Co-Chair, PhD Program, LKY School of Public Policy, NUS
- 07/2018–06/2019 Assistant Dean (Academic Affairs), LKY School of Public Policy, NUS
- 04/2017–04/2018 Assistant Dean (Research), LKY School of Public Policy, NUS

EDITORIAL MEMBERSHIP & REVIEWING

- 03/2020– Associate Editor, *Australian Journal of Agriculture and Resource Economics*
- 10/2019– Senior Editor, *Food Security*
- 04/2016–09/2019 Associate Editor, *Food Security*
- Since 01/2010 Journal Referee: *Nature Climate Change; Global Environmental Change; Journal of Environmental Economics and Management; Ecological Economics; Environmental and Resource Economics; Food Policy; International Journal of Disaster Risk Reduction; Journal of Environmental Management; Environment and Development Economics; Applied Economics; Journal of Agricultural and Applied Economics; Environmental Hazards; Empirical Economics; Climatic Change; Ecosystem*

RESEARCH INTEREST

- (1) Socio-economic vulnerability and resilience to natural hazards
- (2) Agricultural and food policy
- (3) Gender equity and women's empowerment
- (4) Climate change adaptation

SELECTED JOURNAL ARTICLES (2015–2023)

[* senior colleague; + corresponding author; ^ graduate student]

1. +**Akter, S.**, & ^Pratap, C. (2022) Impact of clean cooking fuel adoption on women's time-use: Panel data evidence from India. *Sustainability Science*.
2. +**Akter, S.**, & ^Bagchi, K. (2021) Is off-grid residential solar power inclusive? Solar power adoption, energy poverty, and social inequality in India. *Energy Research & Social Science*.
3. +**Akter, S.** (2021). Do catastrophic floods change the gender division of labor? Panel data evidence from Pakistan. *International Journal of Disaster Risk Reduction*. doi.org/10.1016/j.ijdr.2021.102296
4. +**Akter, S.**, *Grafton, Q. (2021). Do fires discriminate? Socio-economic disadvantage, wildfire hazard exposure and the Australian 2019–20 'Black Summer' fires. *Climatic Change*. doi.org/10.1007/s10584-021-03064-6
5. +**Akter, S.** (2020). The gender gap in COVID-19 mortality in the United States. *Feminist Economics*, 27(1-2), 30–47.
6. +**Akter, S.**, Francis-Tan, A. (2020). Partners or rivals? Exploring the relationship between men's and women's empowerment in Bangladesh. *Journal of Development Studies*, 6(57), 906–929.
7. +**Akter, S.** (2020). The impact of COVID-19 related 'stay-at-home' restrictions on food prices in Europe: findings from a preliminary analysis. *Food Security*, 12(4), 719–25.
8. +**Akter, S.** (2020). Social cohesion and willingness to pay for cyclone risk reduction: The case for the Coastal Embankment Improvement Project in Bangladesh. *International Journal of Disaster Risk Reduction*, 48, 101579.
9. **Akter, S.**, +Chindarkar, N. (2020). An empirical examination of sustainability of women's empowerment using panel data from India. *Journal of Development Studies*, 56(5), 890–906.
10. +**Akter, S.** (2019). Impact of drinking water salinity on children's education: Empirical evidence from coastal Bangladesh. *Science of The Total Environment*, 690, 1331–1341.
11. +**Akter, S.**, Rutsaert, P., Luis, J., Htwe, N. M., San, S. S., Raharjo, B., Pustika, A. (2017). Women's empowerment and gender equity in agriculture: A different perspective from Southeast Asia. *Food Policy*, 69, 270–279
12. +**Akter, S.**, Krupnik, T. J., Khanam, F. (2017). Climate change skepticism and index versus standard crop insurance demand in coastal Bangladesh. *Regional Environmental Change*, 17(8), 2455–2466.
13. +**Akter, S.**, Krupnik, T., Rossi, F., Khanam, F. (2016). The influence of gender and product design on farmers' preferences for weather-indexed crop insurance. *Global Environmental Change*, 38: 217–229.
14. +**Akter, S.**, *Kompas, T., *Ward, M. B. (2015). Application of portfolio theory to asset-based biosecurity decision analysis. *Ecological Economics*, 117: 73–85.

10 MOST CITED ARTICLES (IN GOOGLE SCHOLAR) (2007–2023)

[* senior colleague; + corresponding author; ^ graduate student]

1. ⁺*Brouwer, R., **Akter, S.**, Brander, L., & Haque, E. (2007). Socioeconomic vulnerability and adaptation to environmental risk: a case study of climate change and flooding in Bangladesh. *Risk Analysis*, 27(2), 313–326.
2. ⁺**Akter, S.**, & Mallick, B. (2013). The poverty–vulnerability–resilience nexus: Evidence from Bangladesh. *Ecological Economics*, 96, 114–124.
3. ⁺**Akter, S.**, Rutsaert, P., Luis, J., Htwe, N. M., San, S. S., Raharjo, B., & Pustika, A. (2017). Women’s empowerment and gender equity in agriculture: A different perspective from Southeast Asia. *Food Policy*, 69, 270–279.
4. ⁺**Akter, S.**, & ^{*}Bennett, J. (2011). Household perceptions of climate change and preferences for mitigation action: the case of the Carbon Pollution Reduction Scheme in Australia. *Climatic Change*, 109(3), 417–436.
5. ⁺**Akter, S.**, ^{*}Bennett, J., & [^]Akhter, S. (2008). Preference uncertainty in contingent valuation. *Ecological Economics*, 67(3), 345–351.
6. ⁺**Akter, S.**, & Basher, S. A. (2014). The impacts of food price and income shocks on household food security and economic well-being: Evidence from rural Bangladesh. *Global Environmental Change*, 25, 150–162.
7. ⁺**Akter, S.**, ^{*}Brouwer, R., Brander, L., & Van Beukering, P. (2009). Respondent uncertainty in a contingent market for carbon offsets. *Ecological Economics*, 68(6), 1858–1863.
8. ^{*}Brouwer, R., **Akter, S.**, Brander, L., & Haque, E. (2009). Economic valuation of flood risk exposure and reduction in a severely flood prone developing country. *Environment and Development Economics*, 397–417.
9. ⁺**Akter, S.**, ^{*}Bennett, J., & Ward, M. B. (2012). Climate change scepticism and public support for mitigation: Evidence from an Australian choice experiment. *Global Environmental Change*, 22(3), 736–745.
10. ⁺**Akter, S.**, Krupnik, T. J., Rossi, F., & [^]Khanam, F. (2016). The influence of gender and product design on farmers’ preferences for weather-indexed crop insurance. *Global Environmental Change*, 38, 217–229.

3 ARTICLES WITH ALTMETRIC SCORE>25 (2015–2021)

[* senior colleague; ⁺ corresponding author]

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1. ⁺**Akter, S.**, & ^{*}Grafton, R. Q. (2021). Do fires discriminate? Socio-economic disadvantage, wildfire hazard exposure and the Australian 2019–20 ‘Black Summer’ fires. *Climatic Change*, 165(3), 1–21. (**Altmetric score: 82**)
 2. ⁺**Akter, S.**, Rutsaert, P., Luis, J., Htwe, N. M., San, S. S., Raharjo, B., & Pustika, A. (2017). Women’s empowerment and gender equity in agriculture: A different perspective from Southeast Asia. *Food Policy*, 69, 270–279. (**Altmetric score: 33**)
 3. **Akter, S.** (2019). Impact of drinking water salinity on children's education: Empirical evidence from coastal Bangladesh. *Science of the Total Environment*, 690, 1331–1341. (**Altmetric score: 29**)

SELECTED RESEARCH GRANTS

2019–2021	Akter, S. ‘Impacts of natural disaster and violent conflicts on human capital in Pakistan.’	S\$40,000–Research Support Scheme (RSS), LKY School of Public Policy, NUS
2016–2020	Akter, S. ‘Understanding the impacts of development intervention programs on poverty, food security and gender equity in South and Southeast Asia.’	S\$179,000–the Startup Research Grant Scheme, NUS

2015–2016	Akter, S. 'Climate change risk perception, vulnerability and adaptation in highly natural hazard prone areas.'	S\$15,000–Staff Research Support Scheme (SRSS), LKY School of Public Policy, NUS
2013–2014	Akter, S. , Rossi, F., Krupnik, T., Chantarat, S. 'Designing weather index-based, micro-saving insurance products for maize farmers in southern Bangladesh.'	US\$15,000–Yale Savings and Payments Research Fund, the USA
2013–2015	Grafton, R. Q., Akter, S. , Fu, B., Merritt, W., Dyer, F. 'An integrated hydro-ecological and socio-economic model of environmental flow delivery to wetlands: A case study of Macquarie Marshes in Australia.'	A\$234,000–the Collaboration Research Network Grants, University of Canberra, Australia
2008–2010	Akter, S. , Bennett, J. 'Household preferences for the Carbon Pollution Reduction Scheme in Australia.'	A\$30,000–the Commonwealth Environmental Research Facility, Environmental Economics Research Hub, Australia
2006–2007	Akter, S. , Brouwer, R. 'Development and testing of an effective insurance market to alleviate flood risk vulnerability and poverty in Bangladesh.'	€40,000–the Ministry of Foreign Affairs, the Netherlands

CONSULTING & OTHER PROFESSIONAL ENGAGEMENTS

09/2022–06/2023	Consultant, The Asian Development Bank, Manila, Philippines
04/2021–12/2021	Consultant, The World Bank, Washington DC, USA
12/2020–05/2021	Consultant, The Asian Development Bank, Manila, Philippines
06/2019–09/2019	Consultant, The World Bank, Washington DC, USA
05/2016–04/2017	Consultant, Ministry of Environment and Water Resource, Government of Singapore, Singapore
12/2015–06/2016	Gender Advisor, International Rice Research Institute, (IRRI), Los Baños, the Philippines

VISITING FELLOWSHIP

03/2013–12/2013	Visiting Fellow, Fenner School of Environment and Society, Australian National University, Canberra, Australia
08/2011–11/2011	Visiting Fellow, Crawford School of Public Policy, Australian National University, Canberra, Australia

RESEARCH AWARDS

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1. LKY School of Public Policy Research Excellence Award, 2016
 2. The Australian Leadership Award, Commonwealth of Australia, 2007–2011

TEACHING

Academic Year	Course name	Type
2020/21	Global Food Security & Sustainable Food System	Elective
2019/20–2020/21	Gender & Development	Elective
2016/17–2019/20	Research Design for Public Policy	Core
2017/18–2019/20	Economic Foundations for Public Policy	Core
2016/17	Quantitative Methods for Public Policy	Core
2015/16–2016/17	Policy Analysis Exercise	Core

PHD STUDENT SUPERVISION

2015–2017	Principal Supervisor	Dr Aditi Raina, LKY School of Public Policy, NUS	Completed (July 2017)
2016–2020	Principal Supervisor	Dr Stuti Rawat, LKY School of Public Policy, NUS	Completed (March 2020)
2016–2019	Committee Member	Dr Leong Chi Hoong, Crawford School of Public Policy, the Australian National University	Completed (November 2019)
2019–2022	Committee Member	Ira Martina Drupady, Department of Geography, NUS	Ongoing
2019–2022	Principal Supervisor	Niharka Rustagi, LKY School of Public Policy, NUS	Ongoing
2020–2023	Principal Supervisor	Kaushambi Bagchi, LKY School of Public Policy, NUS	Ongoing
2020–2023	Principal Supervisor	Talitha Fauzia Chairunissa, LKY School of Public Policy, NUS	Ongoing

TEACHING AWARDS AND GRANTS

1. LKY School Honorary Teaching Award 2019, 2020
2. Enriching Education Experience in the Classroom Grant 2019

MEDIA RELEASE, BLOGS AND POLICY BRIEF

- Domestic violence impacts children's education in India. Global-is-Asian, January 22, 2020.
- Salty drinking water may take a toll on education. FUTURITY, January 7, 2020.
- Too much salt may negatively impact children's education. NUSnews, December 9, 2019.
- The gender wage gap problem is more complex than you think. Global-is-asian, February 8, 2019.
- Going in-depth: A qualitative application of Women's Empowerment in Agriculture Index (WEAI). People, Peace and Deliberation, The World Bank. April 30, 2018.
- Gender gap in agricultural insurance demand. Institute of Water Policy Research Policy Brief No. 3, Lee Kuan Yew School of Public Policy, Singapore. October 2015.
- Mind the gender gap in farmers' preferences for weather-index insurance. CSISA Research Note 7, Dhaka, Bangladesh. September 2015.
- Avoiding the risk of the unknown, EnGendering Data Blog, Policies, Institutions, and Markets (PIM), Washington DC, USA. February 2015.