

ASHUTOSH SARKER

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Education

1995-1998	Doctor of Philosophy (Agricultural Economics) Niigata University, Japan	GPA: 4.0 on a 4.0 scale
1993-1995	Master of Agriculture (Agricultural Economics) Niigata University, Japan	GPA: 4.0 on a 4.0 scale

Positions

August 2021 –	Adjunct Professor Department of Economics, Faculty of Arts University of Alberta, Canada
Jan. 2012 – July 2021	Senior Lecturer and Senior Research Fellow Department of Economics, School of Business Monash University
Oct. 2009 – Mar. 2011	Associate Professor Graduate School of Environment and Information Sciences Yokohama National University, Japan
May 2008 – Sep. 2009	Global COE (Center of Excellence) Fellow Yokohama National University, Japan
Mar. 2005 – Mar. 2008	Postdoctoral Research Fellow School of Natural and Rural Systems Management The University of Queensland, Australia
Jan. 2001 – Jun. 2001	Research Fellow Center for Japanese Research The University of British Columbia, Canada
Oct. 1998 – Sep. 2000	Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellow Department of Agricultural Economics, Faculty of Agriculture Niigata University, Japan

Publications

Research Philosophy: The divides between disciplines are artificial; moving beyond the divides can help us seek more focused answers to old and new questions alike. The research philosophy inspires me to review research questions relevant to the discipline of economics from the perspectives of other disciplines, including public administration, political science, and neuroscience.

Journal articles (refereed)

1. Tanin, T. I., **A. Sarker**, S. Hammoudeh, and J. Batten. 2024. "The Determinants of Corporate Cost of Debt during a Financial Crisis." *British Accounting Review*. May 1:101390. <https://doi.org/10.1016/j.bar.2024.101390>
2. Ghazinoori, A., S. M. Singh, and **A. Sarker**. 2024. "Institutional View of Corporate Social

- Responsibility (CSR) in the Iranian Context." *Journal of Asia Business Studies*. 18(3), 712-736. <https://doi.org/10.1108/JABS-02-2023-0050> (**Scimago: Q1**).
3. **Sarker, A.**, W. C. Poon, S. Haque, and G. Herath. 2023. (forthcoming). "Rationality and Emotionality Interplay and Economic Contributions: A Neuroeconomics Experiment." 10 (1):27-44. *Review of Behavioral Economics*. <http://dx.doi.org/10.1561/105.00000169>.
 4. **Sarker, A.** 2022. "Do Tragedy Theories Explain Satoyama's Degradation and Institutional Evolution in Japan?" *International Review of Environmental and Resource Economics*. 16, 2: 281-307. <http://dx.doi.org/10.1561/101.00000147> (**Scimago: Q1**).
 5. Tanin, T. I., **A. Sarker**, R. Brooks, and H. Do. 2022. "Does oil impact gold during COVID-19 and three other recent crises?" *Energy Economics*. 108: 1-14. <https://doi.org/10.1016/j.eneco.2022.105938> . (**Scimago: Q1**).
 6. Tanin, T. I., **A. Sarker**, S. Hammoudeh, and M. Shahbaz. 2021. "Do Volatility Indices Diminish Gold's Appeal as a Safe Haven to Investors before and during the COVID-19 Pandemic?" *Journal of Economic Behavior & Organization*.191: 214-235. <https://doi.org/10.1016/j.jebo.2021.09.003> . (**Scimago: Q1**).
 7. Tanin, T. I., **A. Sarker**, and R. Brooks. 2021. "Do Currency Exchange Rates Impact Gold Prices? New Evidence from the Ongoing COVID-19 Period." *International Review of Financial Analysis*. <https://doi.org/10.1016/j.irfa.2021.101868> . (**Scimago: Q1**).
 8. **Sarker, A.** 2021. "Ecological Perspectives on Water, Food, and Health Security Linkages: The Minamata Case in Japan." *Environmental Science and Pollution Research*, 1-13. (<https://doi.org/10.1007/s11356-021-14207-8> . **Scimago: Q1**).
 9. **Sarker, A.** 2020. "Economics of underproduction: A polycentric approach for a depopulated commons in Japan." *Ecological Economics* 171: 106597. (**Scimago: Q1**).
 10. **Sarker, A.**, and W. Blomquist. 2019. "Addressing misperceptions of *Governing the Commons*." *Journal of Institutional Economics* 15(2), 281-301. (**Scimago: Q1**).
 11. Yong, M.C., J. Kasipillai, and **A. Sarker**. 2017. "GST Compliance and Challenges for SMEs in Malaysia." *eJournal of Tax Research* 15 (3).
 12. Poon, W.C., G. Herath, **A. Sarker**, T. Masuda, and R. Kada. 2016. "River and Fish Pollution in Malaysia: A Green Ergonomics Perspective." *Applied Ergonomics* 57: 80-93 (**Scimago: Q1**).
 13. **Sarker, A.**, T. Ikeda, T. Abe, and K. Inoue. 2015. "Design Principles for Managing Coastal Fisheries Commons in Present-day Japan." *Ecological Economics* 117: 32-38 (**Scimago: Q1**).
 14. **Sarker, A.** 2014. "Federated Rural Organization for Governing the Commons in Japan." *Journal of Rural Studies* 36: 42-51. (**Scimago: Q1**).
 15. **Sarker, A.**, T. Itoh, R. Kada, T. Abe, M. Nakashima, and G. Herath. 2014. "User Self-Governance in a Complex Policy Design for Managing Water Commons." *Journal of Hydrology* 510: 246-258. (**Scimago: Q1**).
 16. **Sarker, A.** 2013. "The Role of State Reinforced Self-Governance in Averting the Tragedy of

- the Irrigation Commons in Japan.” *Public Administration* 91: 727–743. (Scimago: Q1).
17. **Sarker, A.**, C. Baldwin, and H. Ross. 2009. “Managing Groundwater as a Common-Pool Resource: An Australian Case Study.” *Water Policy* 11: 598-614.
 18. **Sarker, A.**, H. Ross, and K. K. Shrestha. 2008. “Interdependence of Common Pool Resources: Lessons from a Set of Nested Catchments in Australia.” *Human Ecology* 36: 821–834. (Scimago: Q1).
 19. **Sarker, A.**, H. Ross, and K. K. Shrestha. 2008. “A Common-Pool Resource Approach for Water Quality Management: An Australian Case Study.” *Ecological Economics* 68: 461-471. (Scimago: Q1).
 20. **Sarker, A.**, and T. Itoh. 2003. “The Nature of the Governance of Japanese Irrigation Common-Pool Resources.” *Society and Natural Resources* 16: 159-172. (Scimago: Q1).
 21. **Sarker, A.**, and T. Itoh. 2001. “The Development of Group Farming in Post-War Japanese Agriculture.” *Journal of Rural Cooperation* 29: 63-82.
 22. **Sarker, A.**, and T. Itoh. 2001. “Design Principles in Long-Enduring Institutions of Japanese Irrigation Common Pool Resources.” *Agricultural Water Management* 48: 89-102. (Scimago: Q1).

Journal article (non-refereed)

1. Yong, M. C., J. Kasipillai, and **A. Sarker**. 2018. “The Impact of GST on Small and Medium-Sized Enterprise Owners in the Malaysian Retail Sector.” *Austaxpolicy*. March 13.
2. **Sarker, A.** 2014. “New Design for CTIM Economics Paper.” *Tax Guardian*. Official Journal of the Chartered Tax Institute of Malaysia [CTIM]. 7: 58-59.
3. **Sarker, A.** and T. Itoh. 1998. “Group Farming in Korea: With Special Reference to Trust Farming Company.” *Bulletin of the Faculty of Agriculture*, Niigata University. 51: 1-13.

Published

Book chapters

1. **Sarker, A.**, W.C. Poon, and G. Herath. 2018. “Natural Resource Use, Institutions, and Green Ergonomics.” In *Ergonomics and Human Factors for a Sustainable Future*, Pp. 271-297, Palgrave Macmillan.
2. **Sarker, A.** 2008. “Land Improvement Districts as Irrigation Common-Pool Resources in Japan.” In *Rural Common Property in the Perspective of Development and Modernization*. Rome: The Collective Action on Property Rights Initiative and International Land Coalition.
3. Shrestha, K.K. and **A. Sarker**. 2008. “Collaborative Planning and Management of Natural Resources: Exploring Ecosystems as Common-Pool Resources in Australia.” In *Dialogues in Urban Planning*. New South Wales: The University of Sydney Press.
4. **Sarker, A.**, T. Itoh and M. Nakashima. 2002. “Rural Environment, Self-Governance of Local Common-Pool Resources, and Development Planning in Japan.” In *Planning of Rural Development in Asia and the Pacific*. Asian Productivity Organization, Tokyo.

Book reviews

1. **Sarker, A.** 2008. Review of *Economics and the Environment: A Signaling and Incentives Approach*, by Ian Wills. *Australasian Journal of Environmental Management* 15: 63-64.
2. **Sarker, A.** 2004. Review of *The Commons in the New Millennium: Challenges and*

Conferences and Seminars

Presentations

Conferences

1. **Sarker, A.**, W.C. Poon, and G. Herath. 2023. "Do Students' Social Backgrounds Influence Their Preference for Visual Learning Styles in Tertiary Economics Education?" Paper **presented** at the Twelfth Annual **American Economic Association Conference** on Teaching and Research in Economic Education (CTREE). May 31–June 2, 2023, Portland, **U.S.A.**
2. **Sarker, A.** 2022. "Evolution of Institutional Cooperation: An Experimental Study." Paper presented at the 56th Annual Canadian Economics Association Conference held during June 3 – 4 at Carleton University, Ottawa, **Canada**.
3. **Sarker, A.** 2020. "Do No-Communication, Communication, and Onymity Promote Cooperation?" Paper presented (online) at the 2020 Southern Economic Association Conference held during Saturday November 21 to Monday 23, 2020 at the New Orleans Marriott, Los Angeles, **U.S.A.**
4. **Sarker, A.** 2019. "On the Relative Role of Communication, Punishment, and Onymity in a Public Goods Experiment." Paper accepted for presentation at the 2019 Pennsylvania Economic Association Annual Conference held during Thursday May 30th to Saturday June 1, 2019 (couldn't participate due to a budget constraint) at **Kutztown University**, Kutztown, **U.S.A.**
5. **Sarker, A.** 2018. "Institutional Economics Approach for Addressing Underproduction." Paper presented at the 2018 Pennsylvania Economic Association Annual Conference held during Thursday May 31st to Saturday June 2, 2018 at **Pennsylvania State University Altoona**, **U.S.A.**
6. **Sarker, A.**, W. C. Poon, S. Haque, and G. Herath. 2017. "Experimental Common-Pool Resource Management and Neuroeconomics." Paper presented at the 51st Annual Conference of the Canadian Economics Association, **St Francis Xavier University**, Nova Scotia, Friday June 2nd to Sunday June 4th, 2017, **Canada**.
7. **Sarker, A.**, W. C. Poon, S. Haque, and G. Herath. 2016. "Addressing the Provision Problems of Common-Pool Resources from Neuroeconomics Perspective." Paper presented at the 50th Annual Conference of the Canadian Economics Association, **The University of Ottawa**, Ottawa, Canada, June 2016 (Dr. Poon presented), **Canada**.
8. **Sarker, A.**, W.C. Poon, G. Herath, and S. Haque. 2015. "Common-Pool Resources Management in Experimental Economics and Neuroscience Perspectives." Paper presented at the 15th Biannual Conference International Association for the Study of the Commons, The University of Alberta, Edmonton, May 2015, **Canada**.
9. **Sarker, A.** 2015. "Managing Private Terraced Paddy Fields as Transcommons in Japan." Paper presented at the 15th Biannual Conference International Association for the Study of the Commons, The University of Alberta, Edmonton, May 2015, **Canada**.
10. **Sarker, A.** 2015. "The Role of State-Reinforced Self-Governance for Managing Postwar Coastal Fisheries Commons in Japan." Paper presented at the 15th Biannual Conference

International Association for the Study of the Commons, [The University of Alberta](#), Edmonton, May 2015, [Canada](#).

11. **Sarker, A.** 2013. "State-Reinforced Self-Governance in Staving off the Tragedy of the Irrigation Commons in Japan." Paper presented at IASC 2013: The 14th Global Biennial Conference of the International Association for the Study of the Commons, Kitafuji, June 2013, [Japan](#).
12. **Sarker, A.** 2013. "Managing the Underuse of the Satoyama as a New Commons for the Harmonious Coexistence of Humans and Nature in Japan." Paper presented at IASC 2013: The 14th Global Biennial Conference of the International Association for the Study of the Commons, Kitafuji, June 2013, [Japan](#).
13. **Sarker, A.**, W.C. Poon, T. Masuda, G. Herath, and R. Kada. 2013. "Water Pollution and Food-Health Security in River Basin in Malaysia." Paper presented at the International Conference on Climate Change and Natural Disasters in Asia at Monash University Malaysia, Sunway, March 2013, [Malaysia](#).
14. **Sarker, A.** 2012. "Managing the Institutional Diversity of Japan's Irrigation Commons." Paper presented at the ISEE 2012 Conference – Ecological Economics and Rio+20: Challenges and Contributions for a Green Economy, Rio de Janeiro, June 2012, [Brazil](#).
15. **Sarker, A.** 2012. "Managing Underuse, Biodiversity, and Resilience of Satoyama Social-Ecological System in Japan." Poster presented at the ISEE 2012 Conference – Ecological Economics and Rio+20: Challenges and Contributions for a Green Economy, Rio de Janeiro, June 2012, [Brazil](#).
16. **Sarker, A.**, T. Itoh, and R. Kada. 2010. "Governing Agricultural Water Use and Ecosystem Services Sustainably in Japan." Paper presented at the 16th Annual International Sustainable Development Research Conference, The University of Hong Kong, May–June 2010, [Hong Kong](#).
17. Kada, R., K. Fujiwara, and **Sarker, A.** 2010. "Developing Leadership for Sustainable Environmental Risk Management in Asia and Africa." Paper presented at the 16th Annual International Sustainable Development Research Conference, The University of Hong Kong, May–June 2010, [Hong Kong](#).
18. **Sarker, A.**, T. Itoh, and R. Kada. 2009. "Polycentric Governance for Local Action and Sustainable Irrigation Management in Japan." Paper presented at the 15th International Sustainable Development Research Conference, [Utrecht University](#), Utrecht, July 2009, [Netherlands](#).
19. **Sarker, A.**, R. Kada, and K. Fujie. 2009. "Bio-Energy, Ecological Risks, and Sustainable Development in Asia." Poster presented at the 15th International Sustainable Development Research Conference, [Utrecht University](#), Utrecht, July 2009, [Netherlands](#).
20. Kada, R., and **A. Sarker**. 2009. "Payment for Ecosystem Services and Sustainable Agricultural Development." Paper presented at the 15th International Sustainable Development Research Conference, [Utrecht University](#), Utrecht, July 2009, [Netherlands](#).
21. **Sarker, A.**, and R. Kada. 2008. "Bio-Energy and Ecological Risks in Asian Agriculture." Poster presented at the Seminar on Global Eco-Risk Management from Asian Viewpoints, [United Nations University](#), Tokyo, December 12, 2008, [Japan](#).
22. **Sarker, A.**, T. Itoh, and R. Kada. 2008. "Evolution of Common-Pool Resource Theory and

- Irrigation Management in Japan.” Paper presented at the 12th Biennial Conference of the International Association for the Study of Commons, [The University of Gloucestershire](#), Gloucestershire, July 2008, [U.K.](#)
23. **Sarker, A.**, T. Itoh, and R. Kada. 2008. “Scale Issue and Irrigation Common-Pool Resources in Japan.” Paper presented at the 12th Biennial Conference of the International Association for the Study of Commons, [The University of Gloucestershire](#), Gloucestershire, July 2008, [U.K.](#)
 24. **Sarker, A.**, and H. Ross. 2006. “Managing Water Quality through Common property, Market and Non-Market Based Instruments in South-East Queensland, Australia.” Paper presented at the 9th International River Symposium, Brisbane, September 2006, [Australia](#).
 25. **Sarker, A.**, and T. Itoh. 2006. “Managing River Water for Irrigation in Japan.” Paper presented at the 9th International River Symposium, Brisbane, September 2006, [Australia](#).
 26. **Sarker, A.**, K.K. Shrestha, and H. Ross. 2006. “Commons in Catchments: Opportunities and Challenges for Collaborative Natural Resource Management.” Paper presented at the International Geographical Union Regional Conference, [Queensland University of Technology](#), Brisbane, July 2006, [Australia](#).
 27. **Sarker, A.**, and H. Ross. 2006. “Managing the Ecosystem Services Linked to Water Resources Commons in Australia.” Paper presented at the Regional Meeting of IASC, [The University of Brescia](#), March 2006, [Italy](#).
 28. **Sarker, A.**, and H. Ross. 2005. “Common Property Approaches to Managing Environmental Issues in the Lockyer Catchment, South East Queensland, Australia.” Poster presented at the 8th International River Symposium, Brisbane, September 2005, [Australia](#).
 29. **Sarker, A.**, and T. Itoh. 2000. “Irrigators’ Management of Common-Pool Resources with an External Entity in Japan.” Paper presented at the International Symposium on Society and Resource Management, [Western Washington University](#), Bellingham, WA, June 2000, [U.S.A.](#)
 30. **Sarker, A.**, T. Itoh, and M. Nakashima. 1999. “Self-Governance of Local Common-Pool Resources and Rural Development in Japan.” Paper presented at the Seminar on Planning of Rural Development, Manila & Davao, December 1999, the [Philippines](#).
 31. **Sarker, A.**, and T. Itoh. 1999. “Appropriating Resource Unit from Common-Pool Resources in Japan.” Paper presented at the International Symposium on Society and Resource Management at [The University of Queensland](#), Brisbane, July 1999, [Australia](#).
 32. Sarker, A., and Tadao Itoh 1996. “Korean group farming under labor scarcity.” Paper presented at the 46th Conference of the Regional Agricultural and Forestry Economics Society, Kyoto University, Kyoto, October 1996, [Japan](#).
 33. Sarker, A., and Tadao Itoh 1995. “Factors of success of an Indian group Farming.” Paper presented at the 45th Conference of the Regional Agricultural and Forestry Economics Society, [Shinshu University](#), Inashi, September–October 1995, [Japan](#).

Seminars

1. **Sarker, A.** 2016. “Streamlining Academic Writing for Top-Ranked Journals.” Lecture given at the School of Business, Monash University Malaysia, March 23, 2016.
2. **Sarker, A.** 2014. “State-reinforced Self-Governance for Resolving the Tragedy of the Irrigation

- Commons [Common-Pool Resource] in Japan.” Lecture given at the Department of Economics, Chuo University, February 8, Japan.
3. **Sarker, A.** 2012. “Local Lessons and Transboundary Challenges for Governing Shared Water Resources in Asia.” Lecture given at the Sixth Executive Forum on Natural Resource Management, Los Banos, Philippines, April 11, 2012. (Invited as a resource speaker).
 4. **Sarker, A.** 2010. “Managing Irrigation Commons in the Japanese Perspective.” Lecture given at the Global COE Forum, Yokohama National University, Yokohama, Japan, November 10, 2010.
 5. **Sarker, A.**, and R. Kada. 2010. “Coping with the Tragedy of ‘Underused’ Commons: A Proposal.” Colloquium presented at the Workshop in Political Theory and Policy Analysis at Indiana University, Bloomington, Indiana, September 15, 2010. **(Invited to present by Nobel Laureate Elinor Ostrom).**
 6. Kada, R., and **A. Sarker.** 2010. “Payment for Ecosystem Services and Sustainable Agricultural Development.” Lecture given at the School of Public and Environmental Affairs at Indiana University, Bloomington, Indiana, US, September 16, 2010.
 7. **Sarker, A.** 2008. “Japanese Irrigation Management as a Common-Pool Resource (ii) Developing Market-Based Instruments for Ecosystem Services.” Lecture given at the Faculty of Economics and Business Administration at Fukushima University, Fukushima, Japan, December 11, 2008.
 8. **Sarker, A.**, and R. Kada. 2008. “Managing Bio-Energy Production and Food Security from Asian Viewpoints.” Lecture given at the National Seminar and Dialogue on Agricultural Land Resources, Bogor, Indonesia, November 18, 2008.
 9. **Sarker, A.** 2008. “Payment for Ecosystem Services for Social-Ecological Resilience: The Case of the Australian Catchment.” Lecture given at the Division of Economics and Business Administration at Yokohama City University, Yokohama, Japan, October 31, 2008.
 10. **Sarker, A.** 2008. “Payment for Ecosystem Services in Australia.” Lecture given at the Seminar on Linking Ecosystem Services to Human Well-Being, United Nations University-Institute of Advanced Studies, Yokohama, Japan, October 27, 2008.
 11. **Sarker, A.** 2008. “Market and Payment for Ecosystem Services in Australia.” Seminar presented at the Graduate School of Environment and Information Sciences at Yokohama National University, Yokohama, Japan, July 1, 2008.
 12. **Sarker, A.**, and K.K. Shrestha. 2007. “The Planning and Management of an Ecosystem as a Commons.” Seminar presented at the Faculty of Architecture, Design and Planning at University of Sydney, Sydney, Australia, December 21, 2007.
 13. **Sarker, A.**, and H. Ross. 2006. “Coping with Water Quality Problems through Common Property, Market and Non-Market Based Instruments, Australia.” Lecture given at the NRSMS Seminar Series at University of Queensland, Brisbane, Australia, April 26, 2006.
 14. **Sarker, A.** 2003. “Japanese Irrigation Common-Pool Resources: Institutions and Governance.” Seminar presented at the School of Resource and Environmental Management at Simon Fraser University, Burnaby, Canada, October 2003.
 15. **Sarker, A.**, and T. Itoh. 2001. “Governing the Japanese Irrigation Commons.” Lecture given at the Centre for Japanese Research, The University of British Columbia, Vancouver, Canada,

April 2001.

16. **Sarker, A.**, and T. Itoh. 2000. "Irrigators' Management of Common-Pool Resources with External Entity in Japan." Colloquium presented at Indiana University, Bloomington, Indiana, June 2000. **(Invited to present by Nobel Laureate Elinor Ostrom)**.
17. **Sarker, A.**, and T. Itoh. 1999. "Social Capital and Irrigation Resource Management in Japan." Seminar presented at the Department of Natural Resources, Toowoomba, Australia, July 1999.
18. **Sarker, A.**, and T. Itoh. 1999. "The Nature of Collective Action and Water Resources Management in Japan." Seminar presented at Niigata University, Niigata, Japan, June 1999.
19. **Sarker, A.**, and T. Itoh. 1999. "Self-Governance of CPRs in Japan." Colloquium presented at Indiana University, Bloomington, Indiana, June 1999. **(Invited to present by Nobel Laureate Elinor Ostrom)**

Teaching

Philosophy: The goal of my teaching approach is to motivate students to become active learners who think critically and solve problems, both independently and as part of a team.

1. University of Alberta

- ECON 101 Introduction to Microeconomics
- ECON 341 Money and Banking
- ECON 281 Intermediate Microeconomics
- ECON 365 Natural Resource Economics
- ECON 366 Energy Economics

2. Monash University

- ECM2360 Environmental and Natural Resource Economics
- ECM5953 Economics
- ECW1101 Introductory Microeconomics
- ECW1102 Introductory Macroeconomics
- ECW2731 Managerial Economics
- ECW3830 Business, Competition and Regulation
- ESX2550/3550 Business in Asia
- ECW3143 Economics of Money and Banking

3. Yokohama National University

- Environmental Risk Management: Theory and Policy for Asia (graduate program)
- Planning and Implementation of International Workshop (graduate program)
- Environmental Risk Management: Theory and Policy for Asia (graduate program)
- International Agricultural Economics: Theory and Policy for Asia (graduate program)

4. The University of Queensland

- AGRC1012 Food and Fiber Case Studies

Research Projects and Grants

Monash University

Project 12 (2019-2021): “Experimental Investigation of Economic and Neural Dynamics during Communication and Cooperation for Managing Public Goods”

Funding Source: Fundamental Research Grant Scheme (FRGS), Malaysia; **External: MYR78,000**

Team: **A. Sarker (Principal Investigator)**, Paul Yeow, Aini Ismafairus, and Mazlyfarina Mohamad

Project 11 (2017-2018): “Reinvestigating the Impacts of Communication on Cooperation in a Public Goods Experiment”

Funding Source: Global Asia in the 21st Century (GA21); **internal: MYR10,000**

Team: **A. Sarker (Principal Investigator)**.

Project 10 (2017-2018): “Institutions for Sustainable Marine Fisheries Governance in Malaysia”

Funding Source: Global Asia in the 21st Century (GA21); **internal: MYR9,000**

Team: Siah, K. L., S. G. M. Koh, and **A. Sarker**.

Project 9 (2017-2018): “Economic and Neural Foundations for Sustainable Resources Management”

Funding Source: Global Asia in the 21st Century (GA21); **internal: MYR19,998**

Team: **A. Sarker (Principal Investigator)**, W.C. Poon, G. Herath, and S. Haque.

Project 8 (2015): “Climate Change Adaptation by the Poor in Malaysia: An Empirical investigation”

Funding Source: Social & Economic Transformation in Asia (SETA); **Internal: MYR7,450**

Team: G. Herath, **A. Sarker**, and W.C. Poon.

Project 7 (2014): “Integrating Visual, Auditory, and Kinesthetic Learning Styles at School of Business”

Funding Source: Social & Economic Transformation in Asia (SETA); **Internal: MYR10,000**

Team: **A. Sarker (Principal Investigator)**, W.C. Poon, and G. Herath

Project 6 (2013): “Neuroeconomic Underpinnings of Noncooperation and Cooperation in Sustainable Use of Shared Natural Resources”

Funding Source: Fundamental Research Grant Scheme (FRGS), Malaysia; **External: MYR54,500**

Team: **A. Sarker (Principal Investigator)**, G. Herath, W.C. Poon, and S. Haque (School of Medicine)

Project 5 (2013): “Neuroeconomic Foundation of Social Communication, Cooperation, and Noncooperation for the Management of the Commons”

Funding Source: Social & Economic Transformation in Asia (SETA); **Internal: MYR35,100**

Team: **A. Sarker (Principal Investigator)**, G. Herath, W.C. Poon, and S. Haque (School of Medicine)

Project 4 (2013): “Managing the Underuse of Satoyama as the New Commons for the Harmonious Coexistence of Humans and Nature in Japan”

Funding Source: Sumitomo Foundation, Japan; **External: approximately MYR25,000**

Team: A. Sarker (Principal Investigator) and G. Herath

Project 3 (2013): “Assessing Socio-Economic and Environmental Risks for Food and Health Security in the Langat and the Klang River Basins in Malaysia”

Funding Source: Research Institute for Humanity and Nature (RIHN), Japan; **External: MYR40,000**

Team: Gamini Herath, **A. Sarker**, W.C. Poon, T. Masuda, and R. Kada (RIHN).

Project 2 (2012): “Assessing Socio-Economic and Environmental Risks for Food and Health Security in the Langat River, Malaysia”

Funding Source: Research Institute for Humanity and Nature (RIHN), Japan; **External: MYR36,000**

Team: G. Herath, **A. Sarker**, W.C. Poon, T. Masuda, and R. Kada

Project 1 (2012): “Assessing Socio-Economic and Environmental Risks for Food and Health Security in Muda Irrigation Area in Malaysia”

Funding Source: Seed Grant, Monash University Malaysia; **Internal: MYR30,000**

Team: G. Herath, **A. Sarker**, W.C. Poon, and R. Kada (RIHN)

Fellowships and Scholarships

- **2018 – 2018** [Jeffrey Cheah Travel Grants to Visit Harvard University](#)
- 2008 – 2009 Global COE Fellowship, Yokohama National University, Japan
- 2005 – 2008 Postdoctoral Fellowship, University of Queensland, Queensland, Australia
- 1998 – 2000 Postdoctoral Fellowship, Japan Society for the Promotion of Science
- 1993 – 1998 Scholarship, Japanese Ministry of Education (Master’s and PhD programs)

Memberships

- American Economic Association
- Canadian Economics Association
- European Economic Association
- Economic History Association
- American Political Science Association
- International Association for the Study of Commons
- Royal Economic Society
- Southern Economic Association

Journal Article Reviewer

- *Ergonomics*
- *Public Administration*;
- *Journal of Institutional Economics*;
- *Organization Studies*;
- *Ecological Economics*;
- *Human Ecology*;
- *Social Alternatives*;

- *Local Environment;*
- *Geoforum;*
- *Australasian Journal of Environmental Management;*
- *Water Policy;*
- *Water Resources and Environmental Engineering;*
- *Natural Resources Forum;*
- *Environmental Science and Policy*

Personal Information

- Canadian citizen