

Resume of Md. Hayder Khan Sujan

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Position: Assistant Professor

Affiliation: Department of Development and Poverty Studies, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh. Profile on university website: <https://sau.edu.bd/teacher/302>

Educational Qualifications:

2018, *Master of Science* in Development and Poverty Studies from Sher-e-Bangla Agricultural University (SAU), Dhaka. CGPA: 3.93 in a scale of 4.0 (**First**)

2014, *Bachelor of Science* in Agricultural Economics (Honours) from SAU, Dhaka. Result: First class; **Merit position: Second**

Scholarship for outstanding performance:

2017, *National Science and Technology Fellowship* for research in Master of Science.

2016-2017, *Sher-e-Bangla Agricultural University scholarship* in each semester of Master of Science.

2011-2014, *Sher-e-Bangla Agricultural University scholarship* in each semester of Bachelor of Science.

Professional Experiences:

December, 2020 – Present: Assistant Professor, Department of Development and Poverty Studies, Sher-e-Bangla Agricultural University, Dhaka

December, 2018 – December, 2018: Assistant Professor, Department of Development and Poverty Studies, Sher-e-Bangla Agricultural University, Dhaka

Research Experiences: 6 years [Research focus: Impact assessment, Technology adoption, Poverty reduction, Profitability and Efficiency analysis]

Project: Completed four (4) national projects (MoST, MoA, CDB and SAURES)

Publication:

List: https://scholar.google.com/citations?hl=en&user=cPbhpTAAAAAJ&view_op=list_works&sortby=pubdate

Journal Article (SCI: 7, Non-SCI: 9); Total: **16**

Recent articles:

- Adoption determinants of biogas and its impact on poverty in Bangladesh. *Energy Reports*, 7: 5026–5033. (Elsevier; IF: 6.87/Q1). <https://doi.org/10.1016/j.egy.2021.08.027>.
- Cost-benefit analysis of mud crab fattening in coastal areas of Bangladesh. *Aquac. Rep.*, 19(2021): 100612. (Elsevier; IF: 3.22/Q1). <https://doi.org/10.1016/j.aqrep.2021.100612>.
- Intensity of adoption and welfare impacts of drought-tolerant rice varieties cultivation in Bangladesh. *Heliyon* 8(1):e09490. DOI: [10.1016/j.heliyon.2022.e09490](https://doi.org/10.1016/j.heliyon.2022.e09490).
- Adoption and dis-adoption of farm mechanization in Bangladesh: Case of rice-wheat thresher. *Emirates Journal of Food and Agriculture* 33(12):1000-1007. DOI: [10.9755/ejfa.2021.v33.i12.2794](https://doi.org/10.9755/ejfa.2021.v33.i12.2794).
- Potential for productivity improvements by implementing improved management practices in pond polyculture of Indian major carps in Bangladesh. *Aquaculture International*, (Springer; IF: 2.24/Q1). <https://doi.org/10.1007/s10499-021-00799-y>.
- Livelihood status of coastal shrimp farmers in Bangladesh: Comparison before and during COVID-19. *Aquac. Rep.*, 21: 100895. (Elsevier; IF: 3.22/Q1). <https://doi.org/10.1016/j.aqrep.2021.100895>.
- Towards a clean production by exploring the nexus between agricultural ecosystem and environmental degradation using novel dynamic ARDL simulations approach. *Environmental Science and Pollution Research* 29(18), (Springer; IF: 5.19). DOI: [10.1007/s11356-022-19565-5](https://doi.org/10.1007/s11356-022-19565-5).
- Determinants of Small-Scale Mechanization for Potato Farming: A Case from Bangladesh. *Journal of Nepal Agricultural Research Council* 7:75-82. DOI: [10.3126/jnarc.v7i1.36923](https://doi.org/10.3126/jnarc.v7i1.36923).

Conference abstract: 3

Review activities:

- Reviewer of SCI indexed International Journals: **3** Journals
- Reviewer of Non-SCI indexed International Journals: **16** Journals

Event Participation: 1 international conference, 2 national conference and 1 international workshop.

Training: Received more 2 national training on research and more than 5 university level training on teaching.

Societal memberships: Life Member/General Member of **3** professional societies.

- Life member of Bangladesh Academy of Science (BAS)
- Member of Krishibid (Agriculturists) Institution, Bangladesh (KIB)
- Member of Bangladesh Agricultural Economists Association (BAEA)