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Publications

Fish consumption patterns and value chain analysis in north-western Cambodia

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Review of expert elicitation methods to assess vulnerability of coastal flooding on ecosystem services in Denmark

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Emergency preparedness and response: insights from the emerging offshore wind industry

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Evaluating success and sustainability of community fisheries in Tonle Sap Lake after fisheries reforms

Seng, R., Guillotreau, P., Valle, T., Ahsan, D., Pomeroy, R. & Lek, S., Sept 2019, *International Symposium on Biodiversity Conservation & Sustainable use of Ecosystem Services: Abstract book*. p. 38 1 p.

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Why does the offshore wind industry need standardized HSE management systems? An evidence from Denmark

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Ahsan, D., May 2019, *International Conference on Environment Sciences and Renewable Energy (ESRE 2019)*. p. 47 1 p.

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Stakeholders' perceptions on risk and risk management strategies: the case of Chinese dock-less bike-sharing enterprise

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Injuries and Fatalities in Danish Commercial Fishing Fleet in 1998–2016

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Stakeholders Analysis in the Environmental and Maritime Fields in Cambodia

Ahsan, D. (Editor), Kutin, N. (Editor) & Vallée, T. (Editor), 2018

The influence of stakeholder groups in operation and maintenance services of offshore wind farms: Lesson from Denmark

Ahsan, D. & Pedersen, S., 2018, In: *Renewable Energy*. 125, p. 819-828

Fishers' local knowledge on impact of climate change and anthropogenic interferences on Hilsa fishery in South Asia: evidence from Bangladesh

Jahan, I., Ahsan, D. & Farque, M. H., 1. Apr 2017, In: *Environment, Development and Sustainability*. 19, p. 461-478

Rescue Emergency drone for Fast Response to Medical Emergencies Due to Traffic Accidents

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BRICS COUNTRIES' POLITICAL AND LEGAL PARTICIPATION IN THE GLOBAL CLIMATE CHANGE AGENDA

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Effect of Ganges River Morphological Dynamics and Farakka Barrage on Upward Migration and Catch of Indian Shad (*Tenulosa ilisha*) In Bangladesh

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Nahar, F., Haque, W., Ahsan, D. & Mustafa, G., 2016, In: Dhaka University Journal of Biological Sciences. 25, 1, p. 65-73

The effect of extreme events on the local fisher communities' risk perception on climate change and willingness for implementing adaptation measures

Brandt, U. S. & Ahsan, D., 2016, *17th Biennial Conference of the International Institute of Fisheries Economics & Trade 2014 (IIFET 2014)*. Participatory Design Conference, Vol. 2. p. 827 1 p.

Climate change and coastal aquaculture farmers' risk perceptions: Experiences from Bangladesh and Denmark

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Employees' perception on risk and risk management: evidence from Danish offshore wind industry

Ahsan, D., 2015.

Does natural disaster influence people's risk preference and trust? An experiment from cyclone prone coast of Bangladesh

Ahsan, D., Sept 2014, In: International Journal of Disaster Risk Science. 9, p. 48-57

Consequences of Climate Change on Fish Biodiversity in the River Turag, Bangladesh: A Community Perception Study

Paul, B., Faruque, H. & Ahsan, D., 2014, In: World Journal of Fish and Marine Sciences . 6, 2, p. 136-141 6 p.

Effects of salinity changes on growth performance and survival of rohu fingerlings, *Labeo rohita* (Hamilton, 1822)

Islam, M., Ahsan, D., Mandal, S. & Hossain, A., 2014, In: Journal of Coastal Development. 17, 1, 6 p., 1000379.

Impact of Climate Change and Anthropogenic Effect on Hilsa Fishery Management in South-East Asia: Urgent Need for Trans-Boundary Policy

Ahsan, D., 2014, *Transactions on Geological and Environmental Engineering*. World Academy of Science Engineering and Technology, (World Academy of Science, Engineering and Technology. Proceedings; No. 11, Vol. 2).

Migration, spawning patterns and conservation of Hilsa shad (*Tenulosa ilisha*) in Bangladesh and India

Ahsan, D., Naser, N., Bhoumik, U., Hazra, S. & Bhattacharya, S., 2014, Academic Foundation.

Socio-economic status of the Hilsa (*Tenulosa ilisha*) fishermen of Padma river, Bangladesh

Faruque, M. H. & Ahsan, D., 2014, In: World Applied Sciences Journal. 32, 5, p. 857-864

Livelihood status of the fishermen of the Turag river, Bangladesh

Paul, B., Faruque, H. & Ahsan, D., 2013, In: Middle-East Journal of Scientific Research. 18, 5, p. 578-583

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Nilla, S. S., Mustafa, M. G., Ahsan, D., Rahman, M. & Rahman, A., 2012, In: Dhaka University Journal of Biological Sciences. 21, 1, p. 29-38

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Nilla, S. S., Rahman, A., Rahman, M., Ahsan, D. & Mustafa, G., 2012, In: Bangladesh Journal of Zoology. 40, 1, p. 77-88

Plankton composition, abundance and diversity in Hilsa (*Tenualosa ilisha*) migratory rivers of Bangladesh during spawning season
Ahsan, D., Kabir, A. N., Rahman, M. M., Faruque, M. H. & Naser, M. N., 2012, In: Dhaka University Journal of Biological Sciences. 21, 2, p. 177-189

Farmers' motivations, risk perceptions and risk management strategies in a developing economy: Bangladesh experience
Ahsan, D. A., 2011, In: Journal of Risk Research. 14, 3, p. 325-349 25 p.

Impact of Arsenic Contaminated Irrigation Water in Food Chain: An Overview from Bangladesh
Ahsan, D. & Del Valls, T., 2011, In: International Journal of Environmental Research. 5, 3, p. 627-638

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The Limfjord, Denmark. SPICOSA study site 5
Dinesen, G. E., Timmermann, K., Ahsan, D., Dolmer, P., Roth, E. & Ravn-Jensen, L., 2010.

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Ahsan, D., Ravn-Jensen, L., Roth, E. & et.al., 2010.

Distribution of arsenic and trace metals in the floodplain agricultural soil of Bangladesh
Ahsan, D., DelValls, T. A. & Blasco, J., 2009, In: Bulletin of Environmental Contamination and Toxicology. 82, 1, p. 11-15

Shrimp Farmers' Risk Perceptions and Risk Management Strategies: Empirical Evidence from Bangladesh.
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Application of risk perception and communication strategies to manage disease outbreaks of coastal shrimp farming in developing countries: a conceptual approach from Bangladesh
Ahsan, D., 1. Nov 2008, In: Egyptian Journal of Aquatic Research. 34, 2, p. 440-451 11 p.

Application of risk perception and communication strategies to manage disease outbreaks of coastal shrimp farming in developing countries: A conceptual approach from Bangladesh
Ahsan, D., 2008, *Ikke angivet*. The National Institute of Oceanography and Fisheries (NIOF), p. 87 1 p.

Research interests

Risk Management, Fisheries management, Climate change and environmental pollution

Expert in trans-boundary EIA council

i) National expert for the evaluation of impact of proposed TipaiMukh Dam (by India on the river T) on the environment and ecosystem of Bangladesh. Here, I am working with Indian team as one of the experts from Bangladesh

ii) National expert to work jointly with Indian on common fisheries resource management under the scope of the MoU signed by Bangladesh and India

Involvement with international research projects

i) Team leader: Hilsha (major migratory fish of Indian subcontinent) conservation project, Ecosystem for Life, Bangladesh-India initiative (Funded by IUCN)

ii) MarBioShell (<http://marbioshell.biology.sdu.dk/>) projects in Denmark as a co-researcher from University of Southern Denmark

iii) I worked in SPICOSA project funded by EU (<http://www.spicosa.eu/>)

Involvement with national research projects

i) Principal investigator, of the project titled "Mapping of vulnerabilities, conflicts and livelihood risks of Bangladeshi fishing community due to global climate change: a socio-economic exploration". Funded by Ministry of Fisheries and Livestock, Govt. of Bangladesh.

ii) Principal investigator, of the project titled "Acclimation of sarpunti (*Puntius sarana*) and koi (*Anabus testudineus*) fingerlings exposed to different salinities for the potentiality of mixed culture with Tiger shrimp (*Penaeus monodon*): a possible way to adapt with climate change." Funded by Ministry of Science and Technology, Govt. of Bangladesh.

iii) Principal investigator, of the project titled "Perception of Risks and Risk Management Strategies: Empirical Evidences from Aquaculture Industries". Funded by DANIDA

Professional training and courses

- Aquaculture Economics from Portsmouth University, UK
- Risk Management from University of Helsinki, Finland
- Risk Perception and Communication from NTNU, Norway