Prof. Sharif A. Mukul, PhD

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Education

- **PhD** (2016) in Environmental Management: **The University of Queensland**, Australia
  – ***Thesis:*** *Shifting cultivation in the upland secondary forests of the Philippines: biodiversity and carbon stock assessment, and ecosystem services trade-offs in land-use decisions*
- **PGDip.** (2012) in Climate Change and Clean Development Mechanism: **The World Bank Institute**, USA
- **M.Sc.** (2011) in Agricultural Development: **University of Copenhagen**, Denmark
  – ***Thesis:*** *Swidden cultivation among two Chepang communities in the central hill districts of Nepal: local perceptions and factors influencing change*
- **M.Sc.** (2010) in Tropical Forestry and Management: **Technische Universität Dresden**, Germany
- **M.Sc.** (2006) in Forestry: **Shahjalal University of Science and Technology**, Bangladesh
  – ***Thesis:*** *Ecological trade-offs between biodiversity conservation, agroforestry land-use, and management intensification - case study from Lawachara National Park, Bangladesh*
- **B.Sc.** (Hons.) (2005) in Forestry: **Shahjalal University of Science and Technology** (SUST), Bangladesh
  – ***Thesis:*** *Bridging livelihoods and forest conservation in protected areas: Exploring the role and scope of non-timber forest products, Experience from Satchari National Park, Bangladesh*

Professional Responsibilities

- **Acting Dean** (August 2026 –): School of Humanities and Social Sciences (SoHSS), United International University, Dhaka, Bangladesh;
- **Head of the Department** (August 2026 –): Department of Environment and Development Studies (EDS), United International University, Dhaka, Bangladesh;
- **Professor** (July 2026 –): Department of Environment and Development Studies (EDS), United International University, Dhaka, Bangladesh;
- **Fellow Forum Basiliense** (March 2025 – June 2025): Department of Social Sciences, University of Basel, Switzerland;
- **Editor-in-Chief** (February 2025 –): Small-scale Forestry (Springer, IF: 2.4, Q1 in Forestry);
- **Courtesy Research Associate Professor** (July 2024 –): Department of Earth and Environment, Florida International University, Miami, USA;
- **Dean** (in-charge; October 2023): School of Humanities and Social Sciences (SoHSS), United International University, Dhaka, Bangladesh;
- **Head of the Department** (June 2023 – July 2024): Department of Environment and Development Studies (EDS), United International University, Dhaka, Bangladesh;
- **Associate Professor** (February 2023 – July 2026): Department of Environment and Development Studies (EDS), United International University, Dhaka, Bangladesh;
- **Adjunct Senior Research Fellow** (February 2023 –): Tropical Forests and People Research Centre, University of the Sunshine Coast, Australia;

- **Courtesy Research Assistant Professor** (June 2020 – June 2024): Department of Earth and Environment, Florida International University, Miami, USA;
- **Postdoctoral Research Fellow** (May 2020 – January 2023): School of Science, Technology and Engineering (SSTE), University of the Sunshine Coast, Australia;
- **Postdoctoral Research Fellow** (October 2018 – April 2020): Tropical Forests and People Research Centre, University of the Sunshine Coast, Australia;
- **Assistant Professor** (January 2017 – August 2019): Department of Environmental Management, Independent University, Bangladesh (IUB);
- **Postdoctoral Research Fellow** (May 2016 – December 2016): Tropical Forestry Group, SAFS, The University of Queensland, Australia;
- **Research Fellow** (September 2015 – May 2016): Tropical Forestry Group, School of Agriculture and Food Sciences (SAFS), The University of Queensland, Australia;
- **Academic Supervisor** (July 2014 – October 2016): School of Geography, Planning and Environmental Management, The University of Queensland, Australia;
- **Bangladesh Project Coordinator** (October 2008 – July 2009): The Rufford Foundation (UK);
- **Applied Research Fellow** (November 2007 – April 2008): East-West Centre (Hawaii, USA) and Nishorgo Support Project of the Bangladesh Forest Department.

Other Professional Engagement

- **Subject Editor/ Section Editor/ Editorial Board Member/ Advisor** (2016-): *Ecosystem Health and Sustainability* (AAAS, IF: 3.6); *Frontiers in Ecology and Evolution* (Frontiers, IF: 3.2); *Sustainability* (MDPI, IF: 4.1); Total Environment (MDPI); and *Preprint* (MDPI);
- **Elected Steering Committee Member** (2024-): 2ndFOR – Global Secondary Forest Research Network;
- **Executive Member** (2021-): Alliance of Leading Environmental Researcher & Thinkers (ALERT);
- **Events Committee Member** (2022-): British Ecological Society (UK);
- **Grant Proposal Reviewer** (2025-): National Geographic Society (USA);
- **Review College Member** (2020-): British Ecological Society (UK);
- **Research Evaluation Committee Member** (2020-2022): Sustainable Forests and Livelihoods (SUFAL) Project (178 M USD worth World Bank-funded project), Bangladesh Forest Department;
- **Advisor**; **Nature-based Climate Solutions** (2019-2024): International Centre for Climate Change and Development (ICCCAD), Dhaka, Bangladesh;
- **Board of Trustees Member** (2019-): Bangladesh Institute of Social Research (BISR) Trust, Dhaka;
- **Scientific Advisor** (2021-): CredoSense Limited, Canada ;
- **Co-founder and Executive Director** (2007-): Centre for Research on Land-use Sustainability, Bangladesh

Honors, Awards and Distinctions

- **Research Excellence Award** (2025): Award for outstanding research and publications (Senior Researcher Category) presented during the 7th International Conference on Integrated Sciences held in Dhaka, Bangladesh.
- **Forum Basiliense Fellowship** (2024): 4 months residence fellowship at the University of Basel, Switzerland (March-June 2025);
- **World's Top 2% Scientist** (2024, 2022): Recognition by Stanford University (USA) and Elsevier (Netherlands) as World's Top 2% Scientist (category: Forestry) based on Scopus citation;

- **Swedish International Development Agency (SIDA) and IUFRO Scientist Assistance Program** (2024): Travel Bursary (2,500 USD) to attend 26th IUFRO World Congress in Stockholm, Sweden;
- **Institute of Applied Research, United International University, Bangladesh** (2023, 2024, 2025): Reward for High-Impact Research Publications (100,000 BDT);
- **Council for American Overseas Research Centres** (2020): Travel Bursary (3,000 USD) to attend an international conference on the Rohingya refugee crisis held at the University of California, Berkeley (USA);
- **Outstanding Peer-Reviewed Paper Award** (2019) by the Mississippi (USA) Chapter of the Wildlife Society;
- **Sentinels of Science Award** (2016, 2017, 2018) by Publons for peer review of scholarly publications, respectively for Agricultural and Biological Sciences (2016), Multidisciplinary (2017), and Environment and Ecology (2018);
- **IUFRO Student Award for Excellence in Forest Sciences** (2015) for outstanding academic achievement;
- **FLARE Network Best Publication Award** (2015): Awarded 3,000 USD by the University of Michigan (USA);
- **American Geophysical Union** (2015): Travel Bursary (1,000 USD) to attend AGU Fall Meeting;
- **PROFOR, World Bank** (2015): Travel Bursary (3,500 USD) to attend COP21 in Paris, France;
- **The University of Queensland, Australia** (2014, 2015): SAFS Travel Award (2,500 AUD) to attend conferences;
- **International Union for Forest Research Organizations** (2014): Travel Bursary (2,500 USD) to attend XXIV IUFRO World Congress in Salt Lake City, Utah, USA;
- **Young Scientist Research Award** (2014) by the Commonwealth Forestry Association (UK);
- **Asia Pacific Network for Global Change Research** (2013): Travel Award (4,500 USD) to attend Earth System Governance Conference in Tokyo, Japan;
- **International Postgraduate Research Scholarship** (2012-2015) from the Australian Government to pursue a Doctor of Philosophy (PhD) at The University of Queensland;
- **Environmental Change Institute, University of Oxford** (2012): Travel Bursary (2,500 £) to attend Planet under Pressure Conference in London, UK;
- **Best Poster Award on Ecology and Ethics** (2011) at Euroleague Scientific Students Conference;
- **European Alliance on Agricultural Knowledge for Development** (2011): Travel Award (500 €) to attend 'Tropentag 2011' international conference held in Bonn, Germany;
- **International Union for Forest Research Organizations** (2010): Travel Bursary (4,500 USD) to attend XXIII IUFRO World Congress in Seoul, South Korea;
- **UK Department for International Development (DFID)** (2010): Travel Bursary (2,750 £) to attend the 18th Commonwealth Forestry Conference in Edinburgh, UK;
- **Kyoto University (Japan)** (2010): Travel Bursary (150,000 ¥) to attend the Urban Biodiversity and Design (URBIO) Conference in Nagoya, Japan;
- **South East Asia Rainforest Research Programme (SEARRP)** (2009): Travel Bursary, (2,500 USD);
- **European Union's Erasmus Mundus Scholarship on Sustainable Tropical Forestry** (2009-2011);
- **East-West Center (USA) Graduate Degree Fellowship** (2009): Scholarship to pursue a Master's in Natural Resources & Environmental Management (NREM) at the University of Hawai'i at Mānoa (declined).
- **PhD Scholarship at the University of Zurich/ Swiss Federal Institute of Technology (ETH)** (2009): Competitive global scholarship (ranked top 2 among 103 international candidates) to pursue PhD study and research at UZH/ETH-Zurich (Switzerland) (declined);

- **Seoul National University (Korea)** (2008): Travel Bursary (1,500 USD) to attend the 1st International Conference on Traditional Forest Related Knowledge and Culture in Seoul, South Korea;
- **World Bioenergy Association (Sweden)** (2008): Travel Bursary (Amount: 2,500 €) to attend the World Bioenergy Conference in Jönköping, Sweden;
- **Association for Tropical Biodiversity and Conservation** (2008): Travel Bursary (1,200 USD) to attend ATBC Asia Conference in Kuching, Sarawak, Malaysia;
- **University Merit Scholarship** (2005) for Academic Excellence at Shahjalal University of Science and Technology, Bangladesh.

Research Grants

I have secured >US$3.5 million in funding as PI, Lead PI, or co-PI, on projects ranging from forest conservation and restoration, mangrove forestry, ecosystem services assessment, and protected area management. Major research grants include the following:

- 2026: **PI**, United International University (Bangladesh): IAR Research Grant (500,000 BDT)
  – *Project: How Management Practices Affect Biodiversity, Net Primary Productivity and Ecosystem Service in Agroforestry Land-uses in and around Lawachara National Park, Moulvibazar, Bangladesh?*
- 2026: **Co-PI**, United International University (Bangladesh): IAR Research Grant (500,000 BDT)
  – *Project: Land-Use Transitions, Environmental Governance and the Changing Dynamics of Ecosystem Services: Implications for Agroforestry and Commercial Agriculture in Madhupur Forest, Bangladesh;*
- 2025: **Co-PI**, United International University (Bangladesh): Institute of Applied Research (IAR) Research Grant (500,000 BDT)
  – *Project: Comparing ecosystem health between natural and restored mangrove forests in Sundarbans through developing a comprehensive quality index;*
- 2024: **PI**, ICIMOD-Himalayan University Consortium (Nepal) Thematic Research on Multispecies Migration in the Climate-Changed Himalayas (20,000 USD)
  – *Project: Predicting the Consequences of Climate Change and Sea-Level Rise on Floral and Faunal Assemblages in the World's Largest Mangrove Forest, the Sundarbans;*
- 2024: **Co-Applicant** (with Murdoch University), New Colombo Plan Mobility Project Grant from the Australian Government) (135,000 AUD)
  – *Project: Research on Climate Change Impact and Adaptation in Bangladesh;*
- 2022: **PI**, National Geographic Society (USA) Exploration Grant (27,950 USD)
  – *Project: Unlocking the potentials of Sundarbans mangrove forest as a nature-based climate solution;*
- 2020: **PI**, British Ecological Society (BES) Large Research Grant (19,740 GBP)
  – *Project: Measuring carbon stocks and fluxes across a successional and salinity gradient in Sundarbans - the world's largest mangrove forest*
- 2020: **Co**-**PI**, Asia Pacific Network for Global Change Research (Japan) Collaborative Regional Research Programme Grant (101,000 USD)
  – *Project: Protecting ecosystems and livelihoods of the Sundarbans, a World Heritage Site*: *Assessing the impact of natural hazards on forest-based ecosystem services*;

- 2020: **Co-PI**, South Asian Network for Development and Environmental Economics (SANDEE) Research Grant (23,000 USD)
  – *Project: Impact of co-management program on forest restoration and livelihood enhancement of forest-dependent communities in Bangladesh;*
- 2019: **Lead Researcher,** ACIAR FLR Project Activity 2.6 (~200,000 AUD)
  – *Project: Developing a geospatial model to monitor the impacts of Forest and Landscape Restoration;*
- 2018: **PI**, Internal Research Grant, Independent University, Bangladesh (2,500 USD)
  – *Project: Forest carbon and biodiversity assessment in two protected areas of Bangladesh;*
- 2017: **Co-PI**, Research Grant, Australian Centre for International Agricultural Research (ACIAR Project No. ASEM/2016/103) (2,400,472 AUD)
  – *Project: Enhancing livelihoods through forest and landscape restoration;*
- 2017: **PI**, Internal Research Grant, Independent University, Bangladesh (2,000 USD)
  – *Project: Developing a framework for mapping threats to Bangladesh forest ecosystems;*
- 2016: Publications Grant, University of the Sunshine Coast, Australia (5,000 AUD);
- 2011: **PI**, Agricultural Development Research Grant (10,000 DKK)
  – *Project: Local adaptations of swidden farmers in the central hill districts of Nepal;*
- 2010: Idea Wild (USA) Equipment Support Grant (1,500 USD);
- 2009: **PI**, The Rufford Foundation for Nature Conservation (UK) Research Grant (5,625 £)
  – *Project: Status, indigenous uses, and population dynamics of disappearing medicinal flora in a biodiversity hotspot zone of north-eastern Bangladesh;*
- 2009: **PI**, British Ornithologists' Union (UK) Research Grant (Amount: 920 £)
  – *Project: Assessing bird diversity in shade trees of tea gardens in the greater Sylhet region, Bangladesh;*
- 2008: **PI**, British Ecological Society (UK) Ecological Research Support Grant (Amount: 2,160 £)
  – *Project: Status and importance of invasive alien plant species among local livelihoods and wildlife within two conservation areas of north-eastern Bangladesh;*
- 2007: **PI**, The Explorers Club (USA) Youth Activity Fund (1,165 US$)
  – *Project: Traditional forest practices of Indigenous people: understanding the role in improved livelihoods and enhanced conservation;*
- 2006: **PI**, USAID Bangladesh (1,250 US$)
  – *Project: Protected areas and rural livelihoods in north-eastern Bangladesh*

Consultancies

- 2026: Sectoral Expert, Progress Inc., Bangladesh
  – *Project: Impact Analysis of British American Tobacco (BAT) Bangadesh's Flagship CSR Initiatives - Bonayan and Probaho Project*;
- 2025: Coastal Mangrove Restoration and Carbon Sequestration Specialist, Foreign, Commonwealth & Development Office (FCDO), UK
  – *Project: Bossaso Mangrove Restoration and Blue Economy*;
- 2024: Disaster Management Specialist, Save the Children - Bangladesh
  – *Project: Baseline Study of Anticipatory Action for Better Preparedness of Communities and Local Institutions in Northern and Coastal Areas of Bangladesh*;
- 2024: Urban Environmental Management Specialist, GIZ (Germany)

– *Project:* Livable and inclusive cities for all (LICA);

- 2023: Senior Consultant, Policy and Institutional Expert, The World Bank
  – *Project: Developing a Strategic and Tactical Planning System for the Coastal Greenbelt of Bangladesh;*
- 2023: Consultant, Environment/ Climate Change Expert, Int. Labor Organization/ ILO
  – *Project: Value Chain Analysis for Productive Employment Opportunities of Women and Vulnerable Groups in Bangladesh;*
- 2021-2023: National Consultant, Forestry and Nature-based Solutions, FAO/World Bank
  – *Project: Bangladesh Coastal Embankment Improvement Project Phase 1 (CEIP-1);*
- 2022-2023: National Consultant, Arannayk Foundation / USAID Protibesh Activity
  – *Project: Assessment of Nishorgo Protected Area Network in Bangladesh;*
- 2022: Nature-based Solutions Design Specialist, Shell Eastern Petroleum Ltd., Singapore
  – *Project: Pre-feasibility Assessment of Carbon Offest Projects in Bangladesh;*
- 2022: Biodiversity and Climate Benefits Specialist, Food and Agriculture Organization of the United Nations (FAO), Regional Office for Asia and the Pacific
  – *Project: Regional Strategy and Action Plan for Forest and Landscape Restoration (FLR) in Asia-Pacific;*
- 2022: Consultant, Organization for Economic Cooperation and Development, France
  – *Project: Ecosystem Study for OECD Climate Change Adaptation Program (Sundarbans);*
- 2022: National Consultant, Nature-based Solutions, Asian Development Bank
  – *Project: Second Coastal Towns Environmental Infrastructure Improvement Project (SCTEIIP);*
- 2021: National Wetland and Biodiversity Conservation Specialist, UNDP
  – *Project: Ecosystem-based Management of Tanguar Haor Wetland of Bangladesh;*
- 2021: Consultant, USAID and Helen Keller International
  – *Project: Livelihood Feasibility Assessment in Current Livelihood Restoration Program Under RE-ARRANGE Project in Cox's Bazar, Bangladesh;*
- 2020: Consultant, Mongabay.com
  – *Project: Assessing the effectiveness of global forest restoration projects;*
- 2020: Consultant, Guinea Alumina Corporation
  – *Project: An assessment of past mangrove rehabilitation activities and recommendations for future activities in the GAC Bauxite Mining Concession Area, Republic of Guinea;*
- 2019: Consultant, The World Bank Group
  – *Project: Biomass fuel demand and supply scenario analysis for Bangladesh;*
- 2019: Consultant, USAID and Action Against Hunger
  – *Project: Rapid environmental impact assessment of cash for work interventions among host communities in Cox's Bazar, Bangladesh;*
- 2019: National Consultant, The Nature Conservancy, Centre for Global Development and BRAC
  – *Project: Creating opportunities for Rohingya refugees and hosts through Forest and Landscape Restoration in Cox's Bazar, Bangladesh;*
- 2019: Consultant, Asian Development Bank, Bangladesh
  – *Project: Environmental impact assessment of floating solar energy project in Bangladesh;*
- 2018: National Forestry Expert and Steering Committee Member, International Organization for Migration (IOM) and International Centre for Climate Change and Development (ICCCAD)
  – *Project: Monitoring Environmental Changes in Cox's Bazar following the Rohingya Influx (MECCRI);*
- 2015: Consultant, The World Bank Group

– *Project: FELT Forests - A novel carbon payment scheme for improved livelihoods and better management of swidden fallow secondary forests in developing tropics*

Publications [Total citations: 11500, h-index: 46, i10–index: 112 (Google Scholar, August 2026)]

I have published over 120 peer-reviewed articles in journals like *Nature* (5), *Science* (2), *Nature Ecology & Evolution* (4), *Nature Communications* (3), *Nature Plants*, *Global Ecology and Biogeography* (3), *Environmental Science and Policy,* etc. I have also published 5 books and 20 book chapters. I have >11500 citations and an h-index of 46 (with i10-index 112). My research has been featured in The New York Times, CNN, Smithsonian Magazine, Mongabay, etc.

- ***Edited book and monograph:***

7. **Mukul, S.A.** (ed.). Forthcoming. ***Forest Management in Bangladesh:*** *Biodiversity, Carbon and Livelihood Outcomes*. Springer Nature, Switzerland, 450 p.
6. **Mukul, S.A.**, Kazi, S., Huq, S. (eds.). Forthcoming. ***Enhancing Coastal Resilience through Nature-based Solutions in Bangladesh.*** Routledge, UK, 300 p.
5. Saikia, P., Kumar, A., **Mukul, S.A.**, Prasad, P.V.V. (eds.). Forthcoming. ***Climate-smart Approaches for Resilient Ecosystems.*** Elsevier, USA, 400 p.
4. Srivastava, S.K., Srivastava, P.K., Biswas. T.K., Behera, M.D., **Mukul, S.A.** (eds.). 2026. ***Earth Observation for Monitoring Mangrove Ecosystems.*** Springer Nature, Switzerland, 315 p. (ISBN: 978-3-032-16667-8).
3. Leal Filho, W. et al. (eds.). ***Life on Land,*** *Encyclopedia of the UN Sustainable Development Goals*. Springer, Switzerland, 1172 p. (ISBN: 978-3-319-95982-5).
2. **Mukul, S.A.,** Rashid, A.Z.M.M. (eds.). 2017. ***Protected Areas:*** *Policies, Management and Future Directions*. Nova Science Publishers, New York, 239 p (ISBN: 9781536106640).
   Forwarded by: Prof. William F. Laurance (James Cook University, Australia), Prof. Ruth DeFries (Columbia University, USA), and Prof. Marc Hockings (University of Queensland, Australia)
1. **Mukul, S.A.** 2010. ***Bridging Livelihoods and Forest Conservation in Protected Areas****: Field experience from Satchari National Park, Habiganj, Bangladesh*. VDM Verlag, Berlin, 116 p (ISBN: 978-3639281255).

- ***Book chapters:***

22. **Mukul, S.A.,** Sarker, O.T. Forthcoming. Forest and Landscape Restoration in the Chittagong Hill Tracts of Bangladesh: Opportunities, Challenges, and the Way Forward. In**:** Rashid, A.Z.M.M., Hossain, M. (eds.), ***Forest Restoration in Bangladesh:*** *Local Innovations and Global Restoration Agendas*. Routledge, UK.
21. **Mukul, S.A.** Forthcoming. Managing Forests for Biodiversity, Carbon and Livelihoods in Bangladesh. In: Mukul, S.A. (ed.), ***Forest Management in Bangladesh:*** *Biodiversity, Carbon and Livelihood Outcomes*. Springer, Switzerland.
20. **Mukul, S.A.**, Khan, N.A., Ahmed, F.U. Forthcoming. Forests and their management in Bangladesh. In: Mukul, S.A. (ed.), ***Forest Management in Bangladesh:*** *Biodiversity, Carbon and Livelihoods Outcomes*. Springer, Switzerland.

19. **Mukul, S.A**. 2026. The 25 Crore Tree Planting Program: Reflections and Recommendations. In: Uddin, K.A.F., Shuvo, F.K. (eds.), ***Bangladesh's Democratic Transition:*** *New Government's Performance, Progress and the Way Forward*. Sydney Policy Analysis, Australia, pp. 125-130.

18. Srivastava, S.K., Srivastava, P.K., Singh, H., **Mukul, S.A.**, Arfin-Khan, M.A.S., Behera, M.D., Barman, D. 2026. Use of archived data and geospatial methods for characterising Sundarbans. In: Srivastava, S.K., Srivastava, P.K., Biswas. T.K., Behera, M.D., Mukul, S.A. (eds.), ***Earth Observation for Monitoring Mangrove Ecosystems***. Springer Nature, Switzerland, pp. 101-118.

17. **Mukul, S.A.**, Arfin-Khan, M.A.S., Banerjee, S., Barman, D., Kar, G., Srivastava, S.K. 2026. Ground-based techniques in mangrove monitoring and management. In: Srivastava, S.K., Srivastava, P.K., Biswas. T.K., Behera, M.D., Mukul, S.A. (eds.), ***Earth Observation for Monitoring Mangrove Ecosystems.*** Springer Nature, Switzerland, pp. 41-57.

16. Karim, M.R., Saimun, M.S.R., Amin, M.S., Fahim, M.S.I., Barman, D., Srivastava, S.K., **Mukul, S.A.**, Arfin-Khan, M.A.S. 2026. Different roles of mangrove ecosystems and their significance. In: Srivastava, S.K., Srivastava, P.K., Biswas. T.K., Behera, M.D., Mukul, S.A. (eds.), ***Earth Observation for Monitoring Mangrove Ecosystems.*** Springer Nature, Switzerland, pp. 21-40.

15. Barman, D., Srivastava, S., Kar, G., Banerjee, S., Basak, B., Banik, D., Arfin-Khan, M.A.S., **Mukul, S.A.**, Arief, M.C.W., Hindersah, R. 2026. Remote sensing-based assessment of mangrove ecosystem with special reference to the Sundarbans region of India. In: Srivastava, S.K., Srivastava, P.K., Biswas. T.K., Behera, M.D., Mukul, S.A. (eds.), ***Earth Observation for Monitoring Mangrove Ecosystems.*** Springer Nature, Switzerland, pp. 79-100.

14. Dawson, W., Blumenthal, D., Cuda, J., Duncan, R., .. **Mukul, S.A.**, ..Kortz, A. 2026. Invasive species in grasslands. In**:** Hager, H.A., Gibson, D.J., Newman, J.A. (eds.), ***Routledge Handbook of Grasslands***. Routledge, UK, pp. 232-248.

13. **Mukul, S.A.**, Herbohn, J., Firn, J., Gregorio, N. 2023. Carbon and biodiversity outcomes under divergent management scenarios - Lessons from upland Philippines shifting cultivation landscapes. In**:** Cairns, M. (ed.), ***Farmer Innovations and Best Practices by Shifting Cultivators in Asia-Pacific***. CABI, UK, pp. 408-420.

12. **Mukul, S.A.** 2022. Consumption and marketing pattern of non-timber forest products in a rapidly changing world: Insights from north-eastern Bangladesh. In: Rashid, A.Z.M.M., Khan, N.A., Hossain, M. (eds.), ***Non Wood Forest Products of Asia:*** *Knowledge, Conservation and Livelihood*. Springer, Switzerland, pp. 205-220.

11. **Mukul, S.A.**, Arfin-Khan, M.A.S., Uddin, M.B. 2021. Invasive alien species of Bangladesh. In: Pullaiah, T., Lelmini, M. (eds.), ***Invasive Alien Species:*** *Observations and Issues from Around the World,* Volume 2: Asia. Wiley & Sons. Ltd, USA, pp. 1-15.

10. **Mukul, S.A.**, Halim, M.A., Herbohn, J. 2021. Forest carbon stock and fluxes: distribution, biogeochemical cycles and measurement techniques. In**:** Leal Filho, W. et al. (eds.). ***Life on Land****, Encyclopedia of the UN Sustainable Development Goals*. Springer, Switzerland, pp. 361-376.

9. Ota, L., **Mukul, S.A.**, Gregorio, N., Herbohn, J. 2021. Community based management of tropical forests: lessons learned and implications for sustainable forest management. In: Blaser, J., Hardcastle, P. (eds.), ***Achieving Sustainable Management of Tropical Forests*****.** Burleigh Dodds, Cambridge, UK, doi: 10.19103/AS.2020.0074.24.

8. **Mukul, S.A.**, Biswas, S.R., Rashid, A.Z.M.M. 2018. Biodiversity in Bangladesh. In: Pullaiah, T. (ed.). ***Global Biodiversity and Conservation****, Volume 1: Selected countries in Asia.* Apple Academic Press/CRC Press, Canada, pp. 93-107.

7. Rashid, A.Z.M.M., **Mukul, S.A.** 2017. Managing protected areas in a changing world: New insights and opportunities. In: Mukul, S.A., Rashid, A.Z.M.M. (eds.), ***Protected Areas****: Policies, Management and Future Directions*. Nova Science Publishers, New York, USA, pp. 1-12.

6. Rashid, A.Z.M.M., Craig, D., **Mukul, S.A.** 2017. Shifting paradigm of governance in the natural resource sector of Bangladesh: centralist to pluralistic approach in forest protected areas management. In: Mukul, S.A., Rashid, A.Z.M.M. (eds.), ***Protected Areas:*** *Policies, Management and Future Directions*. Nova Science Publishers, New York, USA, pp. 53-81.

5. **Mukul, S.A.**, Rashid, A.Z.M.M., Khan, N.A. 2017. Forest protected area systems and biodiversity conservation in Bangladesh. In: Mukul, S.A., Rashid, A.Z.M.M. (eds.), ***Protected Areas:*** *Policies, Management and Future Directions*. Nova Science Publishers, New York, USA, pp. 157-177.

4. **Mukul, S.A.** 2014. Biodiversity conservation and ecosystem functions of traditional agroforestry systems. Case study from three tribal communities in and around Lawachara National Park, Bangladesh. In: Chowdhury, M.S.H. (ed.), ***Forest Conservation in Protected Areas of Bangladesh:*** *Policy and community development perspectives*. Springer, Berlin, Germany, pp. 171-179.

3. **Mukul, S.A.** 2011. Mat weaving empowers women in rural villages of south-central Bangladesh and secures their livelihoods. In: Shackleton, S., Shackleton, C., Shanley, P. (eds.), ***Non-Timber Forest Products in the Global Context***. Springer, Berlin, Germany, pp. 65-66.

2. **Mukul, S.A.**, Quazi, S.A. 2009. Communities in Conservation: Changing protected area management and enhanced conservation in Bangladesh. In: Leslie, R.N. (ed.), ***The Future of Forests in Asia and the Pacific****: Outlook for 2020*. Food and Agriculture Organization of the United Nations (FAO), Bangkok, Thailand, pp. 143-159.

1. Uddin, M.B., **Mukul, S.A.** 2007. Improving Forest Dependent Livelihoods through NTFPs and Home Gardens: A Case Study from Satchari National Park. In: Fox, J., Bushley, B., Dutt, S., Quazi, S.A. (eds.). ***Making Conservation Work****: Linking rural livelihoods and protected areas in Bangladesh*. East-West Center, Hawaii, USA, pp 13-35.

- ***Peer-reviewed journal articles:***

138. **Mukul, S.A.**, Maraseni, T., Nautiyal, S. 2026. Restoring South Asian Forests: Key lessons, research gaps and the way forward. ***Land Use Policy***, 162: 107884 (Elsevier; IF – 6.6).

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8. Uddin, M.S., **Mukul, S.A.**, Khan, M.A.S.A., Alamgir, M., Harun, M.Y., Alam, M.S. 2008. Small-scale Agar (*Aquilaria agallocha* Roxb.) based cottage enterprises in Maulvibazar district of Bangladesh: production, marketing and potential contribution to rural development. ***Small-scale Forestry***, 7: 139-149 (Springer; IF – 2.4).

7. **Mukul, S.A.**, Uddin, M.B., Tito, M.R. 2007. Medicinal plant diversity and local healthcare among the people living in and around a conservation area of northern Bangladesh. ***International Journal of Forest Usufructs Management***, 8: 50-63.

6. Khan, M.A.S.A., Uddin, M.B., Uddin, M.S., Chowdhury, M.S.H., **Mukul, S.A**. 2007. Distribution and status of forests in the tropic: Bangladesh perspective. ***Proc. Pakistan Acad. Sci.***, 44: 145-153.

5. Uddin, M.B., **Mukul, S.A.**, Khan, M.A.S.A., Hossain, M.K. 2007. Effects of Phosphorous fertilizer on seedlings growth and nodulation capabilities of some popular agroforestry tree species of Bangladesh. ***Journal of Forestry Research***, 18: 283-286 (Springer; IF – 4.1).

4. Uddin, M.S., **Mukul, S.A.**, Khan, M.A.S.A., Asif, C.A.A., Alamgir, M. 2007. Comparative evaluation of co-management impacts on protected area: A case study from Lawachara National Park, Maulvibazar, Sylhet. ***Journal of Forestry & Environment****,* 5: 103-110.

3. Ahmed, R., Uddin, M.B., Khan, M.A.S.A., **Mukul, S.A.**, Hossain, M.K. 2007. Allelopathic effects of *Lantana camara* on germination and growth behavior of some agricultural crops in Bangladesh. ***Journal of Forestry Research*****,** 18**:** 301-304 (Springer; IF – 4.1).

2. Uddin, M.B., Ahmed, R., **Mukul, S.A.**, Hossain, M.K. 2007. Inhibitory effects of *Albizia lebbeck* (L.) Benth. leaf extracts on germination and growth behavior of some popular agricultural crops. ***Journal of Forestry Research,*** 18**:** 128-132 (Springer; IF – 4.1).

1. Uddin, M.B., **Mukul, S.A.**, Khan, M.A.S.A., Chowdhury, M.S.H., Uddin, M.S., Fujikawa, S. 2006. Indigenous management practices of Hogla (*Typha elephantina* Roxb.) in local plantations of floodplain areas of Bangladesh. ***Journal of Subtropical Agricultural Research & Development****,* 4: 114-119.

- ***Other reports and working papers:***

6. Herbohn, J., Goltiano, H., Polinar, A., Ferraren, A., Ota, L., Mangaoang, E., Mangaoang, Y., Nuñez, L., Galvez, K., Custodio, D., Mordequillo, R., Jagabat, M., Rañin, J., Baradillo, D., Peque, D., **Mukul, S.A.**, Wiset, K., Regmi, B., Ramos, A., Gravoso, R., Krishnan, V., Vanclay, J., Preciados, L., Demotor, A., Rife, K., Tripoli, R., Leysa, J., Doria, K., Baynes, J., Chazdon, R., Ramos, A., Stevenson, K., Ribeiro, C.K. & Bote, M. (2024). Enhancing livelihoods through forest and landscape restoration. ACIAR Final Report No. FR2024/010, Australian Centre for International Agricultural Research, Canberra, Australia, 98 p.

5. Tallis, H., Huang, C., Herbohn, J., Holl, K., **Mukul, S.A.**, Morshed, K.A.M. 2019. Steps toward Forest Landscape Restoration in the context of the Rohingya influx: Creating opportunities to advance environmental, humanitarian, and development progress in Bangladesh. CGD Policy Paper 148, Centre for Global Development and The Nature Conservancy, Washington DC, USA, 35 p.

4. Tallis, H., Huang, C., Herbohn, J., Holl, K., **Mukul, S.A.**, Morshed, K.A.M. 2019. Creating opportunities for Rohingya refugees and hosts through Forest Landscape Restoration. CGD Policy Brief, Centre for Global Development and The Nature Conservancy, Washington DC, USA.

3. Thompson, E., Pradhan, D.K., Jovanovic, M., Jawo, T.O., Andrae, T., **Mukul, S.A.** 2010. Development of a community market in the Wondo Genet Integrated Watershed Management Area, Ethiopia. Technical Report to TU Dresden, Germany, 23 p.

2. **Mukul, S.A.** 2007. Biodiversity conservation and sustainable development in Bangladesh: An overview of the present status, management problems and future prospects. Shahjalal University of Science and Technology, Bangladesh, 21 p.

1. **Mukul, S.A.** with 25 others. 2007. A 10 Years' Management Plan for the Fasiakhali Range of Cox's Bazar North Forest Division (Duration: 2007- 08 to 2016-17)**.** Prepared for the partial fulfillment of B.Sc. (Hons.) degree on Professional Forestry. Shahjalal University of Science and Technology, Sylhet, Bangladesh. xiii + 166 p.

- ***Op-Ed, newspaper and newsletter articles:***

7. **Mukul, S.A.** 2026. In planting 25 crore trees, we must not lose sight of the bigger picture. ***The Daily Star***, 19 June 2026 (Largest English print newspaper of Bangladesh). Link

6. **Mukul, S.A.** 2019. Will Bengal tigers really disappear from the Sundarbans? ***The Daily Star***, 27 March 2019 (Largest English print newspaper of Bangladesh). Link

5. **Mukul, S.A.** 2016. The one and only Sundarbans. ***BDNEWS24***, September 27, 2016 (Largest online news portal of Bangladesh).

4. **Mukul, S.A.** 2015. Bengal tigers and the future of conservation. ***BDNEWS24***, July 29, 2015 (Largest online news portal of Bangladesh).

3. **Mukul, S.A.** 2007. Biodiversity conservation strategies in Bangladesh: the state of protected areas. ***Tigerpaper***, 34(3): 28-32.

2. **Mukul, S.A.**, Uddin, M.B., Tito, M.R. 2006. Study on the status and various uses of invasive alien plant species in and around Satchari National Park, Sylhet, Bangladesh**.** ***Tigerpaper***, 33(4): 28-32.

1. **Mukul, S.A.** 2008. Hogla (*Typha elephantina* Roxb.): a potential NTFP for socio-economic upliftment in rural Bangladesh. ***Non-Wood News***, **16**: 43-44 (FAO, Italy).

Selected Media Engagements

Audio-visuals:

– **The Daily Campus** (Bangladesh) featured me and my interview in their report after being listed in the 2024 top 2% scientist list by Stanford University and Elsevier in 2024. Link
– **Ekattor TV** (Bangladesh) featured my opinion in their report on the fire in the Sundarbans forest in 2024. Link
– **ETV** (Bangladesh**)** featured my work and opinion in their report on invasive alien species in Bangladesh in 2020. Link
– **Channel I** (Bangladesh**)** featured my work and opinion in their report on climate change and the fate of the Bengal tiger in 2019. Link

Print media:

– **The Business Standard** (Bangladesh) featured my opinion in their article based on a roundtable on futuristic university education in Bangladesh in 2025. Link
– **The Daily Prothom Alo** (Bangladesh) featured my work and opinion in their article on citizen science in biodiversity conservation in 2023. Link
– **The Daily Prothom Alo** (Bangladesh) featured my work and opinion in their article on protected areas and biodiversity conservation in 2022. Link
– **The Daily Prothom Alo** (Bangladesh) featured my work and opinion in their article on ecotourism in Lawachara Forest in 2021. Link

– **The Daily Prothom Alo** (Bangladesh) featured my work and opinion in their article on the Sundarbans mangrove and cyclone in 2021. Link
– **The Daily Star** (Bangladesh) featured my work and opinion in their frontpage lead article on Rohingya refugees and the environment in 2019. Link
– **The Daily Star** (Bangladesh) featured my work and opinion in their article on climate change and the fate of the Bengal tiger in 2019. Link
– **Hindustan Times** (India) featured my work and opinion in their article on climate change and the fate of the Bengal tiger in 2019. Link
– **The Independent** (UK) featured my work and opinion in their article on climate change and the fate of the Bengal tiger in 2019. Link
– **CNN** (USA) featured my work and opinion in their article on climate change and the fate of the Bengal tiger in 2019. Link
– **The New York Times** (USA) featured my work and opinion in their article on climate change and the fate of the Bengal tiger in 2019. Link

Teaching Experience

- **United International University (UIU), Bangladesh**
  Professor (2026-) and Associate Professor (2023-2026) of Environment and Development Studies

  Undergraduate teaching:

  – EDS 4801 (Techniques of Environmental Valuation): Summer 2025, Spring 2026 [50 students]
  – EDS 4703 (Development and Environmental Management): Fall 2025 [40 students]
  – EDS 3508 (Environmental Issues in Bangladesh): Spring 2023, Spring 2024, Fall 2025, Spring 2026 [65 students]
  – EDS 3602 (Urban Development and Environmental Management): Fall 2023, Summer 2025, Spring 2026, Summer 2026 [90 students]
  – EDS 2404 (Environmental Biology, Ecology and Conservation): Fall 2023, Spring 2024, Summer 2025, Summer 2026 [65 students]
  – EDS 2302 (Development Geography and Globalization): Spring 2023 [25 students]
  – EDS 2305 (Environment, Conflict and Security): Spring 2023, Spring 2024 [40 students]
  – EDS 1203 (Introduction to Environment and Natural Resource Development): Summer 2025, Spring 2026 [60 students]
  – EDS 1104 (Introduction to Environmental Studies): Summer 2026 [40 students]

- **Independent University, Bangladesh**
  Assistant Professor of Environmental Management (2017-2019)

  Undergraduate teaching:

  – ENV 360 (Agro-Social Forestry): Summer 2017, Spring 2018 [25 students]
  – ENV 330 (Agriculture and Land Resources Management): Summer 2019 [25 students]
  – ENV 202 (Environmental Biology, Ecology and Conservation): Spring 2017, Summer 2017, Autumn 2017, Spring 2018, Summer 2018, Autumn 2018, Summer 2019 [25 students/batch]
  – BIO 101 (Fundamentals of Environmental Biology): Summer 2018 [25 students]
  – ENV101 (Introduction to Environmental Studies): Spring 2017, Spring 2018 [40 students]

  Graduate teaching:

  – CCD 502 (Climate Change and Sustainable Development): Summer 2019 [15 students]

– *CCD 515 (Climate Change and Disaster Management): Autumn 2017 [15 students]*
– *RDM 512 (Sustainable Floodplain Management): Summer 2018 [15 students]*
– *RDM 501 (Principles of Natural Resources Management): Autumn 2017 [15 students]*

- **The University of Queensland, Australia**
  Teaching Assistant of Environmental Management (2014-2016)

  Undergraduate teaching:
  – *ENVM 3102 (Industrial Ecology): Autumn 2014, Summer/Fall 2015, Summer 2016 [20 students]*

Advising and Mentoring Experience

- **United International University, Bangladesh (2023-)**

  Undergraduate supervision:
  – *Ms. Ipsita Binte Nazrul (2026)*
  – *Ms. Jannati Shabnam (2026)*
  – *Ms. Ratia Nahar Khanam Rumki (2026)*
  – *Ms. Sumaita Zaman (2026)*
  – *Mr. Mirza Abidur Rahman (2025)*
  – *Ms. Toiheda Khanam Anni (2025)*
  – *Ms. Nuzhat Tabassum Tasnim (2025)*
  – *Mr. Sami Shahajad (2025)*
  – *Ms. Zarin Islam Rafa (2025)*
  – *Mr. Nahid Hasan Ayon (2024)*

- **University of the Sunshine Coast, Australia (2019-)**

  PhD supervision:
  – *Mr. John Geary (2021-2025)*

  Master's thesis supervision:
  – *Ms. Gwendolyn Karsch (2021)*

- **Independent University, Bangladesh (2017-2019)**

  Master's thesis supervision:
  – *Ms. Tahsin Madani Hossain (2019)*
  – *Mr. Mohammad Arif (2019)*
  – *Ms. Anima Ashraf (2017)*

  Undergraduate project supervision:
  – *Mr.Md. Amirul Islam (2019)*
  – *Ms. Faria Rahman Joya (2019)*
  – *Ms. Quazi Nadia Esrat (2018)*
  – *Mr. Mahmudul Hasan Abir (2018)*
  – *Mr. Savio Rozario (2018)*
  – *Ms. Sanjida Islam Shema (2017)*
  – *Mr. Mohammad Shafil Hossain (2017)*

- **The University of Queensland, Australia (2014-2016)**

  Undergraduate project supervision:
  – *Mr. Matthew Zajaczkowski (2016)*

– *Mr. Benjamin Gowen (2015)*
– *Mr. Doug Allen (2015)*
– *Mr. Mikhail Masnyi (2015)*
– *Mr. Thomas Rooney (2014)*

- ***Mentoring and advisory role in other institutions**:*
  – *Mr. Habibur Rahman, PhD, Kyoto University, Japan (2018-2021)*
  – *Mr. Mizanur Rahman, PhD, University of Bonn, Germany (2018-2020)*
  – *Ms. Olivia Rose Dyer, MSc Student, Imperial College London, UK (2018)*
  – *Dr. Shin Seung-Uk, MSc Student, Seoul National University, Korea (currently: Assistant Professor, University of Missouri, USA) (2017)*
  – *Dr. Deepa Shree Rawal, University of Melbourne, Australia (2017)*
  – *Ms. Iremela Krug, MSc Student, Ministry of Agriculture and Forests, Bhutan (2017)*
  – *Mr. Akim Mahmud, MSc Student, Coastal Carolina University, South Carolina, USA (2015-2017)*

Professional Services

- ***Academic services:***
  – 2026: Selection Committee Member, Department of Environment and Development Studies, United International University, Bangladesh;
  – 2024: PhD Thesis Examiner, Institute for Life Sciences and the Environment (ILSE), University of Southern Queensland, Australia;
  – 2023: PhD Thesis Examiner, Department of Environmental Science, Rhodes University, South Africa;
  – 2023; 2024: External Member, Moderation Committee (4th Year, 2nd Semester; and 3rd Year, 2nd Semester), Department of Forestry and Environmental Science, Shahjalal University of Science and Technology, Sylhet, Bangladesh;
  – 2022, 2020: PhD Thesis Examiner, School of Rural and Environmental Science, University of New England, Australia;
  – 2021: PhD Thesis Examiner, Centre for Tropical Environmental and Sustainability Science, James Cook University, Australia;
  – 2021: PhD Thesis Examiner, Griffith Business School, Griffith University, Australia;
  – 2020-2025: Research Grant Proposal Reviewer, National Geographic Society (n=5); British Ecological Society (n=15); Bangladesh Forest Department (n=20); University of Hawaii Sea Grant Program (n=1); European Union's BiodivRestore Program (n=2); European Cooperation in Science & Technology (n=2);
  – 2018: Committee Member, Institutional Quality Assurance Cell (IQAC), IUB;
  – 2017-2018: Undergraduate Research Chair, Department of Environmental Management, IUB;
  – 2017-2019: Research Group Leader, Applied Ecology and Conservation Research Lab, Independent University, Bangladesh (IUB);

- ***Organization and program committee:***
  – 2024, 2023: 6th and 7th 'International Conference on Sustainable Development' held at United International University, Dhaka, Bangladesh;
  – 2022, 2021, 2017: Annual Conference on 'Social Research in Bangladesh' held in Dhaka, Bangladesh;
  – 2021: 2-Day Seminar on 'Advancing Frontiers of Knowledge on Climate Actions', organized by 'Centre for Ecological Economics and Natural Resources (CEENR)', in Bengaluru, India;

– 2019: Int'l Conference – 'Forest and Landscape Restoration: Making it happen' held in Manila, Philippines;
– 2015: Int'l Conference - 'Small-scale and Community Forestry and the Changing Nature of Forest Landscapes' held in Sunshine Coast, Australia;
– 2013 and 2014: 'Annual World Bank Conference on Land and Poverty' held in Washington DC, USA;
– 2011 and 2012: 'Int'l Conferences on Environmental Aspects of Bangladesh' held in Fukuoka, Japan

- ***Co-organizing workshops, sessions and seminars:***

– Workshop on 'Eyes on Earth: Application of Earth Observation Technology to Solve Humanitarian Crises' at United International University, Dhaka, Bangladesh (2024);
– Session Chair on 'Ecology, Biodiversity and Environmental Justice' at 6th and 7th International Conference on Sustainable Development (6th ICSD) held at United International University (UIU), Dhaka, Bangladesh (2023, 2024);
– Workshop on 'Protecting ecosystems and livelihoods of the Sundarbans forest in the face of frequent climate-induced natural hazards' at United International University, Dhaka, Bangladesh (2023);
– Workshop on 'Scientific writing and communications techniques for early career researchers and academicians' at Institute of Energy, Environment, Research and Development (IEERD), University of Asia Pacific, Dhaka, Bangladesh (2020);
– Session on 'Environmental impacts of Rohingya refugees influx in Bangladesh' in Int'l conference – Rohingya Crisis in Bangladesh: Challenges and Sustainable Solution at North South University, Dhaka, Bangladesh (2019);
– National workshop 'Reflection on Rohingya Crisis: Since & beyond' held at Dhaka, Bangladesh (2019);
– Workshop on field trial planning and management for researchers and academicians (Topic: Data organization, analysis, and management) at Visayas State University, Leyte, Philippines (2019);
– Session on 'Human-wildlife conflict and co-existence in human-dominated landscapes' held at 'ESP Asia Conference' in Dehradun, India (2018)

- ***Special issue in journals and service as editor and reviewer:***

– ***Small-scale Forestry*** (Springer, IF – 2.4): Special issue on "Forest Fire in the Anthropocene", co-editor with Prof. Amit Kumar and Dr. Purabi Saikia (2026);
– ***Land Use Policy*** (Elsevier, IF – 6.6): Special issue on "Restoring South Asian Forests: Opportunities and challenges", co-editor with Prof. Sunil Nautiyal and Prof. Tek Maraseni (2025);
– ***Frontiers in Ecology and Evolution*** (Frontiers, IF – 3.2): Special issue on "Conservation in Contested Landscapes", co-editor with Prof. Sunil Nautiyal, Dr Sandra Uthes, and Dr Hannes J. Köning (2025);
– ***Forests*** (MDPI, IF – 3.1): Special issue on "Forests and Landscape Restoration", co-editor with Dr. Liz Ota, Dr. Nestor Gregorio, Dr. Sarah Willson, Prof. Robin Chazdon and Prof. John Herbohn (2020);
– ***Environments*** (MDPI, IF – 4.3): Special issue on "Tropical Forests and Climate Change: Impacts, Adaptation and Mitigation", co-editor with Prof. John Herbohn (2017);
– Associate Editor amd Editorial Board Member: ***Journal of Applied Ecology*** (Wiley/British Ecological Society, IF – 5.3, 2016 – 2025); ***Biodiversity and Conservation*** (Springer, IF – 3.7, 2021 –

2024); ***Ecology and Evolution*** (Wiley, IF – 2.6, 2016 – 2020); ***Discover Coservation*** (Springer OA, 2024 – 2026);

– Section Editor***: Life on Land,*** *Encyclopedia of the UN Sustainable Development Goals*, Springer (2020);

– Reviewer: ***IPCC Fifth Assessment Report*** (WG II), Cambridge University Press, UK (2013);

– Book Proposal Reviewer*:* ***Elsevier*** (n=1, 2024); ***Palgrave Macmillan*** (n=2, 2024, 2025); ***Springer*** (n=4, 2025, 2026);

– Journal Proposal Reviewer: ***Cambridge's Prism (Dryland)***, Cambridge University Press, UK (2022);

– Journal Handling Editor (2016-): ***Journal of Applied Ecology*** (n = 60); ***Sustainability*** (n = 85), ***Ecology and Evolution*** (n = 25), ***Small-scale Forestry*** (n = 450); ***Frontiers*** (n = 25); ***Biodiversity and Conservation*** (n = 20); ***Ecosystem Health & Sustainability*** (n = 25);

– Ad-hoc Reviewer (n= ~ 500): ***Nature Sustainability*** (Nature Publishing Group); ***Nature Climate Change*** (Nature Publishing Group); ***Nature Ecology and Evolution*** (Nature Publishing Group); ***Scientific Reports*** (Nature Publishing Group); ***Scientific Data*** (Nature Publishing Group); ***Global Change Biology*** (Willey); ***One Earth*** (CELL Press/Elsevier); ***Science of the Total Environment*** (Elsevier); ***Science Bulletin*** (Elsevier); ***Global Environmental Change*** (Elsevier); ***Journal of Environmental Management*** (Elsevier); ***Environmental Impact Assessment Review*** (Elsevier); ***Ecosystem Services*** (Elsevier); ***Land Use Policy*** (Elsevier); ***Environmental Development*** (Elsevier); ***Applied Geography*** (Elsevier); ***Ecological Economics*** (Elsevier); ***Trees, Forests and People*** (Elsevier); ***Acta Oecologica*** (Elsevier); ***Journal of Cleaner Production*** (Elsevier); ***Journal of Environmental Planning & Management*** (Taylor & Francis); ***Int. J. of Sustainable Development & World Ecology*** (Taylor & Francis); ***Journal of Sustainable Forestry*** (Taylor & Francis); ***BioScience*** (Oxford University Press); ***Journal of Applied Ecoogy*** (Wiley); ***Ecological Applications*** (Wiley); ***Conservation Biology*** (Wiley); ***Land Degradation & Development*** (Wiley); ***Applied Vegetation Science*** (Wiley); ***Ecology and Evolution*** (Wiley); ***Global Ecology and Conservation*** (Elsevier); ***Conservation Science and Practice*** (Wiley); ***Restoration Ecology*** (Willey); ***Proceedings of the Royal Society B: Biological Sciences*** (Royal Society Publishing); ***PLoS ONE****;* ***PLoS Ecoststems****;* ***PLoS Climate****;* ***Forests, Trees and Livelihoods*** (Taylor & Francis); ***Small-scale Forestry*** (Springer); ***Forests*** (MDPI); ***Sustainability*** (MDPI); ***Land*** (MDPI); ***Water*** (MDPI); ***Development in Practice*** (Taylor & Francis); ***Ecosystems and People*** (Taylor & Francis); ***Oecologia*** (Springer); ***AMBIO*** (Springer); ***Tropical Conservation Science*** (SAGE); ***Journal of Mountain Science*** (Springer); ***Journal of Forestry Research*** (Springer); ***International Forestry Review*** (BioOne) etc. (2007– present).

Selected Talks, Lectures, and Presentations

Public lectures and invited talks:

- "Global Carbon Market and Bangladesh's Readiness: Opportunities, Challenges and Pathways for a Low-Carbon Transition", invited lecture at **North South University, Dhaka, Bangladesh** on 17 August 2026.
- "The Carbon Benefits of Mangroves" invited keynote talk on the occasion of **World Mangrove Day** organized by **BRAC Climate and Environmental Innovation Programme**, on 26 July 2026 at Brac Centre, Mohakhali, Dhaka.
- "Ecosystem Carbon Loss due to Global Forest Fires: Implications for National Carbon Accounting and Voluntary Carbon Market", public lecture at **Forum Basilense Lecture Series on Anthropocene** at the **Universität Basel, Switzerland,** on 29 April 2025.

- "Application of Earth Observation in Disaster Management", invited talk at the seminar **Eyes on Earth - Application of Earth Observation to Solve Humanitarian Crises**, jointly organized by the NASA Lifelines Program and ICDDRB at UIU, Dhaka, Bangladesh, on 25 November 2024.
- "Environmental Issues in Bangladesh: Challenges and Prospects", invited talk at the **6th International Earth and Space Summit**, organized by Notre Dame Eco and Space Club at Notre Dame College, Dhaka, Bangladesh, on 7 June 2023.
- ''The Societal and Environmental Benefits of Mangroves in an Era of Climate Change: Empirical evidence from the Sundrabans, the world's largest mangrove ecosystem'' invited keynote at **13th Edition of the Renewables Talk for IRENA Permanent Representatives** (a Pre-COP28 event) in Abu Dhabi, UAE on 18 October 2023.
- "Recognizing the role and importance of forests in human health: Perspectives from Global South", invited talk at **MDPI International Day of Forests 2023 Webinar,** held on 21 March 2023.
- "Resetting Our Relationship with Nature", invited talk on the occasion of **World Environment Day and World Ocean Day** organized by The American Centre of the U.S. Embassy Dhaka, Bangladesh, on 7 June 2021.
- "Human-wildlife conflict and co-existence in a crowded planet: experience from Bangladesh", invited talk at Int'l. webinar – **Green Growth Strategies for Climate Resilience and DRR:** Policies, Pathways and Tools, organised by the National Institute of Disaster Management (Delhi, India) and Institute for Social and Economic Change (Bangalore, India) on November 2020.
- "Impacts of COVID-19 pandemic on wildlife and conservation", invited talk at Int'l. webinar – **COVID-19 impacts and implications on the environment**, by Central University Jharkhand, India on September 2020.
- "Is environment the missing link in humanitarian work?- Impacts of humanitarian development after Rohingya influx in Cox's Bazar, Bangladesh", invited talk at the international workshop – **Beyond the Crisis Narrative:** Rohingya statelessness and its implications for Bangladesh, organised by UC Berkeley, USA, on February 2020.
- "Biodiversity in Bangadesh: Issues and Challenges", invited keynote talk on the occasion of **International Day for Biological Diversity 2019**, at Department of Botany, Dhaka University, Bangladesh, on May 2019.
- "Forest landscape restoration in the context of the Rohingya: creating opportunities to advance progress in Cox's Bazar", invited plenary talk in national workshop on **Reflection on Rohingya Crisis:** Since and beyond, organised by BRAC and Center for Global Development (USA) at Dhaka, Bangladesh on April 2019.
- "Forest management and conservation in tropical developing countries – lessons from Bangladesh", invited talk under **Forests for the Future Public Lecture Series**, University of the Sunshine Coast, Australia on August 2018.
- "Modeling spatial distribution of Asian elephant, Bengal tiger and Hoolock gibbon in Bangladesh forest ecosystems under a changing climate", invited talk at **Young Scientists Meeting on Effect of Climate Change on Biodiversity**, The World Academy of Science (TWAS) Regional Office for Central & South Asia (ROCASA), University of Peradeniya, Sri Lanka, October 2017.

Talks and posters at international conferences and seminars:

- "Recognisning the role of mangrove forest as a nature-based climate solutions: Evidence from Sundarbans", oral presentation at the **62nd Annual Meeting of the Association for Tropical**

Biology and Conservation (ATBC 2026) held at Xinshuabanna, China between June 28 and July 3, 2026.

- "Conflicts Between Traditional and Centralized River Management in Southwestern Coastal Bangladesh: A Case Study of Tidal River Management in Tala, Satkhira", talk at the **10th International Conference on Water and Flood Management (ICWFM 2025)**, held at Bangladesh University of Engineering and Technology (BUET), Dhaka, during 22–24 February 2025.
- "Projecting the Impacts of Climate Change and Sea-Level Rise on Floral and Faunal Assemblage in the Sundarbans, the World's Largest Mangrove Forest", oral presentation at the **International Symposium on Multispecies Migration** at Royal Thimphu College, Bhutan on 12 November 2024.
- "Recognizing the role of mangrove forest as a nature-based climate solution: Empirical evidence from Sundarbans mangrove forest", oral presentation at **XXVI World Congress of International Union of Forest Research Organizations (IUFRO)** in Stockholm, Sweden, 23-29 June 2024.
- "Protected Area Co-management in Bangladesh: Past, Present and Future", oral presentation at International Conference – **Reavatalising Community Forestry in the Era of Socio-Environmental Crisis** at Kathmandu, Nepal on 4-5 March 2024.
- "The role of Sundarbans mangrove forest as a natural climate solution in Bangladesh", talk at **National Geographic Event – Explorer Spotlight Asia,** held in Jeju (South Korea) on 9 June 2022.
- "Projecting ecosystem services supply potential from forest and landscape restoration in Biliran Island, the Philippines", poster presented at BES Annual Meeting - **Ecology Across Borders 2021,** held in Liverpool (UK) on December 2021.
- "Identifying threats to world's largest mangrove forest – the Sundarbans", talk at **BES Festival of Ecology,** organised by the British Ecological Society (UK) in December 2020.
- "Impacts of COVID-19 pandemic on environments and green recovery plan for Bangladesh", talk at Int'l. webinar – **Build Back Better:** How Bangladesh can better address UN SDGs in a post-pandemic world?, organised by Centre for Peace Studies, North South Univ. (Bangladesh) on October 2020.
- "Environmental impacts of Rohingya refugee influx in Bangladesh: Creating opportunities to advance environmental, humanitarian, and development progress", talk at Int'l conference – **Rohingya Crisis in Bangladesh:** Challenges and sustainable solution, organised by NSU on July 2019.
- "Resurrecting the dead: Re-establishing the rainforest permanent plot network of the Queensland Forestry Department, Australia", paper presented at the **XXV IUFRO World Congress**, held in Curitiba, Brazil, between 29 September–5 October 2019.
- 'Can natural regeneration be a cost-effective restoration strategy in the upland Philippines?', talk at Int'l conference – **Forests and Landscape Restoration:** Making it happen, Manila, Philippines, February 2019.
- 'Mitigating human-wildlife conflict in tropical transboundary landscapes: the case of human-elephant conflict in Bangladesh, India and Myanmar', talk at Int'l conference – **ESP** (**Ecosystem Services Partnership) Asia Conference**, held in Dehradun, India, September, 2018.
- 'Conservation benefits of tropical multi-functional land-uses in and around a forest protected area of Bangladesh', talk at **55th Annual Meeting of the Association for Tropical Biology and Conservation**, organised by ATBC at Sarwak, Malaysia, on July 2018.
- 'High resilience of tropical forest diversity and structure after shifting cultivation in the Philippines uplands, talk at **IUFRO 125th Anniversary Congress 2017**, Freiburg, Germany, September 2017.

- 'High resilience of tropical forest diversity and structure after anthropogenic disturbance in southeast Asian rainforests', talk at the **Inaugural Global Forest Biodiversity Initiative Conference**, held at Beijing Forestry University (China) on September 2017.
- 'Forest carbon estimate and REDD+ implications in Bangladesh', talk at **3rd Gobeshona Conference for Climate Research in Bangladesh**, held at IUB (Bangladesh) on January 2017.
- 'Measuring and mapping threats to forests: issues and opportunities', poster presented at **American Geophysical Union Fall Meeting,** heldl at San Francisco, USA on December 2015.
- 'FELT Forests: A novel carbon payment scheme for improved livelihoods and better management of swidden fallow secondary forests in the developing tropics', invited talk at **1st Annual FLARE Network Conference**, held in Paris, France, on November 2015.
- 'Co-benefits of biodiversity and carbon from degraded secondary forests following shifting cultivation in the Philippines: implications for forest restoration', talk at Int'l conference— **Small-scale and Community Forestry - Changing forest landscapes**, held at Sunshine Coast, Australia on October 2015.
- 'Rapid recovery of tree diversity over forest structure in post-*kaingin* secondary forests in the upland Philippines', poster presented at **Student Conference on Conservation Science** (SCCS Australia), held in the University of Queensland (Australia) on January 2015.
- 'Biodiversity and ecosystem carbon budget in the upland landscapes following shifting cultivation by small-holder *kanigin* farmers in the Philippines', talk at **XXIV IUFRO World Congress** – Sustaining forests, sustaining people, role of research, organised by IUFRO in Utah, USA on October 2014.
- 'Neglecting conservation value of degraded tropical landscapes? Tree diversity following shifting cultivation in the upland Philippines', talk at Int'l conference: **ATBC 2014:** The future of tropical biology and conservation, held in Cairns, Australia on July 2014.
- 'The future of reforestation programs in the tropical developing countries: insights from the Philippines', talk at **Australia New Zealand Society for Ecological Economics Conference 2013**, held at Crawford School of Public Policy, Australian National University on November 2013.
- 'Efficacy of forest law enforcement and incentive based conservation to prevent illegal logging in Bangladesh', talk at **Earth System Governance Tokyo Conference** , held at United Nations University, Tokyo (Japan) on January 2013.
- 'Linking society, ecology and economics in land-use decisions', talk at **World Conference on Natural Resource Modeling,** held at Brisbane, Australia on July 2012.
- 'Swidden cultivation in the central hills of Nepal: perceptions and factors of change', poster presented at Int'l conference: **Planet Under Pressure** – New knowledge towards solutions, held in London, UK on March 2012.
- 'Shifting paradigm of governance in the natural resource sector of Bangladesh', talk at Int'l conference- **40 Years of Bangladesh:** Retrospective and Future Prospects, held in Savar, Bangladesh on November 2011.
- 'Trade-offs between Plant Biodiversity and Management Intensification', speed talk at **Student Conference on Conservation Science** (SCCS–New York), held at American Natural History Museum, New York (USA), on October 2011.
- 'Role of contrasting agroforestry land-uses on carbon storage and allocation in tropical forests of Bangladesh', poster presented at Int'l conference— **Geo-carbon**: Carbon in a changing world, held at Food and Agriculture Organization of the United Nations (FAO), Rome, Italy on October 2011.

- 'Land-use change in the central hill districts of Nepal with special interest on shifting cultivation', poster presented at **Euroleague Scientific Students Conference**: Can agriculture feed the world? held at Wageningen University and Research (Netherlands) on October 2011.
- 'Ecological trade-offs between plant biodiversity, land-use and management intensification in agroforestry landscapes of Bangladesh', poster presented at Int'l Conference: **Tropentag 2011** – Development on the margin, held at Bonn, Germany on October 2011.
- 'A journey towards better governance: status and prospects of collaborative management in protected areas of Bangladesh', talk at **First Bangladesh Forestry Congress,** Dhaka, Bangladesh on August, 2011.
- 'Contribution of indigenous agroforestry systems in biodiversity conservation and ecosystem functioning', poster presented at **XXIII IUFRO World Congress**, Seoul, South Korea, Ausgust, 2010.
- 'The efficacy of forest law enforcement and economic incentives to prevent illegal logging in developing states', talk at **18th Commonwealth Forestry Conference** held at Edinburgh, UK on June 2010.
- 'Urban landscape dynamics and consequences on local biodiversity in a north-eastern district of Bangladesh', talk at Int'l Conference – **URBIO 2010:** Urban Biodiversity and Design, held at Nagoya, Japan, on May 2010.
- 'Biodiversity conservation and ecosystem functioning in contrasting tropical agro eco-systems of Bangladesh', poster presented at **Student Conference on Conservation Science** (SCCS–Cambridge), held in University of Cambridge, UK, on March 2010.
- 'Changing consumption and marketing pattern of non-timber forest products in a competitive world', talk at Int'l conference— **FORTROP II:** Tropical Forestry Change in a Changing World, held in Bangkok, Thailand, on November 2008.
- 'The role of traditional forest practices in enhanced conservation and improved livelihoods of indigenous communities', talk at Int'l conference: **Forest Related Traditional Knowledge & Culture in Asia**, organised by Korea Forest Institute, Seoul, Korea on October 2008.
- 'Traditional homegardens and domestic biomass fuel consumption pattern in the developing world', invited talk at Int'l conference—**World Bioenergy 2008**, held at Jönköping, Sweden, on May 2008.
- 'Integrating biodiversity conservation and livelihood provisions in protected area management: the role and prospects of non-timber forest products', poster presented at Int'l conference— **ATBC 2008: Towards Sustainable Land-use in Tropical Asia**, Sarawak, Malaysia, April, 2008.
- 'Communities in Conservation: Changing protected area management and enhanced conservation in the north-eastern Bangladesh', talk at Int'l conference—**The Future of Forests in Asia & the Pacific**: Outlook for 2020, organised by FAO-RAP at Chiang Mai, Thailand on October 2007.

Professional Memberships

- Association for Tropical Biology and Conservation (2008-) (Bangladesh Chapter President, 2009);
- American Geophysical Union (AGU) (Global Environmental Change Chapter Executive Member) (2016-2017);
- British Ecological Society (BES) (2015-);
- Global Land Programme (GLP) (2016-);
- Commonwealth Forestry Association (CFA) (2014-);
- Forestry Australia (2023-);
- Institution of Foresters Bangladesh (IFB) (2019-)

Referees

Professor Dr John Herbohn
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Professor Dr Jenniffer Firn
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Professor Dr Andrew Merchant
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