

## List of Talks

1. **Sarker, S.** 2026. Biodiversity assessment of Naf and Saint Martin MPAs of Bangladesh. Talk delivered with GIZ.
2. **Sarker, S.** 2025. Overview of PS 151 Expedition. Talk delivered at the post-expedition workshop of NoSoAT 2025, Namibia.
3. **Sarker, S.** 2025. Statistical analysis of oceanographic data. NoSoAT training from Germany to Namibia, 13 November to 12 Dec 20, 2025 .
4. **Sarker, S.** 2025. Argo Floats. Talk delivered at the evening seminar of PS (RV Polarstern) 151.
5. **Sarker, S.,** Das, N., Huda, A. N. M. S., Chowdhury, G. W., Krug, L., and Seeyave, S. 2025. Taking Science to the Community: Innovative Approaches for Affordable Coastal Ecosystem Monitoring, One Ocean Science Congress 2025, Nice, France, 3–6 June 2025, OOS2025-646, <https://doi.org/10.5194/oos2025-646>, 2025.
6. **Sarker, S.** Academic institute perspective of ocean observation. Panelist at the POGO Town Hall of One Ocean Science Congress, France. 3–6 June 2025
7. **Sarker, S.** Plastic pollution in the coastal and maritime areas of Bangladesh. Keynote talk at the webinar of Green Explorer Society, Shahjalal University of Science and Technology, 10 June 2025
8. **Sarker, S.** 2025. Blue carbon ecosystems of Bangladesh: Stock, challenges and sustainable conservation. Oral presentation at the POGO annual meeting (POGO 26) at CEMACS, Malaysia.
9. **Sarker, S.** 2025. Training initiative on statistical analysis of oceanographic data in Bangladesh. Oral presentation at the POGO annual meeting (POGO 26) at CEMACS, Malaysia.
10. **Sarker, S,** Krug, L.A., Islam, K.M., and Chowdhury, G.W. 2024. Towards an Integrated, Cost-effective and Efficient Coastal Ecosystem Monitoring Strategy for Developing Countries. Oral presentation at the 8<sup>th</sup> China-Southeast Asian Countries Marine Cooperation Forum held at Jakarta, Indonesia (28-29 November 2024).
11. **Sarker, S.** 2024. Site suitability assessment for new MPAs in Bangladesh. Oral presentation at the national stakeholder consultation workshop on MPA, Organized by Department of Fisheries, Government of Bangladesh.
12. **Sarker, S.** 2024. User based zonation for Naf MPA management. Oral presentation at the stakeholder consultation meeting organized by IUCN, Bangladesh.
13. **Sarker, S.** 2024. Environmental and climate assessment of aquaculture in Bangladesh. Oral presentation at the workshop of WorldFish, Bangladesh.
14. **Sarker, S.** 2024. Current status of marine fisheries conservation and management in Bangladesh: Challenges and opportunities. Oral presentation at the theory of change workshop of WorldFish, Bangladesh.
15. **Sarker, S.** 2024. Oceanography: General overview and Bangladesh perspective. Oral presentation at the National University CEDP training for the college teachers.
16. **Sarker, S.** 2024. Designing a research project for biodiversity conservation: An example from Bangladesh. Oral presentation at the National University CEDP training for the college teachers.

17. **Sarker, S.** 2024. Blue economy: Global status and Bangladesh perspective. Oral presentation at the National University CEDP training for the college teachers.
18. **Sarker, S.,** Krug. L.A., Haque, M. and Chowdhury, G.W. 2024. An integrated coastal ecosystem monitoring strategy for Bangladesh. Invited talk at the International seminar on Blue Economy organized by BSMRMU, Bangladesh. 29 April 2024.
19. **Sarker, S.** 2024. Exemplary career talk. Oral presentation at the closing ceremony of the center of excellence program on observational oceanography, 25 April 2024, Alfred Wegener Institute, Germany
20. **Sarker, S.** and Kabir, M.A. 2024. Marine spatial planning for sustainable blue economy development in the coastal area of Bangladesh. Oral presentation at project evaluation workshop of BANBEIS, 10 February 2024. Sylhet Agricultural University.
21. **Sarker, S.** and Krug. L. 2024. NANO-DOAP Global Project: An alumni network global monitoring program. Oral presentation at the Indian Ocean Regional Decade Conference 2024, 1<sup>st</sup> to 3<sup>rd</sup> February 2024, INCOS, India.
22. **Sarker, S.** 2024. Preliminary site suitability assessment for new MPAs in Bangladesh. Oral presentation at the dissemination workshop on MPA research at Department of Fisheries, Ministry of Fisheries and Livestock, Bangladesh. 9<sup>th</sup> January 2024.
23. **Sarker, S.** 2023. Statistical methods for MSP development. Oral presentation at NF-POGO RT at Togo. 12 to 23 November 2023
24. **Sarker, S.** 2023. Citizen for coastal ecosystem monitoring. Oral presentation at NF-POGO RT at Togo. 12 to 23 November 2023
25. **Sarker, S.** 2023. Advanced statistics for complex spatial data analysis in marine science. Oral presentation at NF-POGO RT at Togo. 12 to 23 November 2023
26. **Sarker, S.** Huda, A.N.M. and Krug. L.A. 2023. NANO-DOAP Global Project: An Alumni Network Global Monitoring Program. Oral presentation at Global Ocean Summit, China. 25 to 27 September 2023.
27. **Sarker, S.** 2023. Integration of socio-ecological data for MPA zoning in Bangladesh. Oral presentation at TPSF symposium, PML, UK. 9 to 11 August 2023.
28. **Sarker, S.** 2023. NANO-DOAP Scientific Manuscript: Interstation comparison of Results. Oral presentation at NANO-DOAP meeting, PML, UK. 7 to 8 August 2023.
29. **Sarker, S.** 2023. Citizen for coastal ecosystem monitoring in Bangladesh. Oral presentation at NANO-DOAP meeting, PML, UK. 7 to 8 August 2023.
30. **Sarker, S.** 2023. Integration of Science and Community for Coastal Ecosystem Monitoring in Bangladesh. Paper presented at UNEP/UNODC Global Webinar on Geospatial and Other Data Sources for Environment Statistics.
31. **Sarker, S.** 2023. Coastal ecosystem monitoring initiative in Bangladesh for Blue Economy and biodiversity conservation. Paper presented at the International Symposium of Marine Resource Management, SUST
32. **Sarker, S.** 2023. Coastal Ecosystem Monitoring in Bangladesh: A Science and Citizen Based Approach. Paper presented at 24 POGO Annual Meeting, Toulon, France
33. **Sarker, S.** Krug, L. and Huda, ANMS. 2023. NANO-DOAP: A global ocean monitoring initiative. Paper presented at 24 POGO Annual Meeting, Toulon, France.
34. **Sarker, S.** 2022. A healthy and resilient ocean. Talk given at United Nation Ocean Decade Laboratory.

35. **Sarker, S.**, Huda, ANMS and Krug, L. 2022. NANO-DOAP: An ocean monitoring initiative. Paper presented at 14<sup>th</sup> Global NANO-DOAP webinar series.
36. **Sarker, S.** 2022. Spatial Planning for Seaweed Mariculture Development in the Coastal Water of Bangladesh. Paper presented at the annual project meeting of Scottish Association for Marine Science
37. **Sarker, S.**, Kabir, A., Akter, M., Yadav, A.K., Panassa, E. and Alam., M. 2020. Does the tropical sea is changing? Water mass from the Bay of Bengal tells the story. Poster presented in International Capacity Building Workshop on Ocean Acidification, India
38. **Sarker, S.**, Rahman, M.M., Basak., S.C. and Islam., M.M. 2019. Taking the science to community: An approach of multi-stakeholders integration for sustainable Blue Economy development in Bangladesh. Paper presented in SOLAS open science Conference, Japan.
39. **Sarker, S.** 2019. Site selection for ocean observation in Bangladesh. Talk at POGO annual meeting, Cape Verde
40. **Sarker, S.**, Feudel, U., Munier, C.L., Lemke, P., Dutta, P.S., Wiltshire, K. H. To share or not to share? Finding a solution for phytoplankton coexistence puzzle in a resource-limited ecosystem. 2017. Talk at ICBM-Oldenburg University, Germany.
41. **Sarker, S.** Lemke, P., and Wiltshire, K. H. Linking ecosystem variability with phytoplankton species diversity. Poster presented at Scientific Advisory Board meeting 2017, Alfred Wegener Institute, Germany
42. **Sarker, S.** Lemke, P., and Wiltshire, K. H. Does ecosystem variability explain increase in phytoplankton diversity? Solving an ecological puzzle with long-term data sets. Talk at BAH seminar 2017, Alfred Wegener Institute, Germany
43. **Sarker, S.** Heat content change in NoSAT. 2016. Paper presented at Cape Town, South Africa
44. **Sarker, S.** POGO time series lecture. 2016. Helgoland. Germany
45. **Sarker, S.**, Feudel, U., Munier, C.L., Lemke, P., Dutta, P.S., Wiltshire, K. H. Phytoplankton species coexistence in a multiple resource-limited ecosystem. Talk at PhD days 2016, Potsdam, Germany
46. **Sarker, S.** and Wiltshire, K.H. How green can sea water get? Phytoplankton Carrying Capacity a modelled example from the North Sea. 17-21 April, 2015. KDM symposium, Hamburg, Germany.
47. **Sarker, S.** POGO time series lecture. 2015. Helgoland. Germany
48. **Sarker, S.** Explaining seasonal variability in phytoplankton abundance through biotic and abiotic factors. Talk at IIASA 2015, Austria
49. **Sarker, S.**, Wiltshire, K.H. and Boersma, M. Zooplankton carrying capacity (CC) model for the German Bight. Coastal Numerical Modelling conference. 2015. Rostov, Russia.
50. **Sarker, S.**, Wiltshire, K.H., Boersma, M., Peters, S. and Kartens, K. 2015. Geo-spatial analysis of long-term changes in N/P ratio and chlorophyll in the German Bight, EMBS, Germany.
51. **Sarker, S.** What drives community dynamics in a shallow sea? Talk at IIASA 2014, Austria
52. **Sarker, S.** Geo-spatial time series data analysis. Time series summer school 2014. Helgoland. Germany
53. **Sarker, S.** and Hossain, M. S. Impacts of Human Interference on Water Quality at Meghna River Estuary. Poster presented at International Connectivity of Hills, Humans and Oceans (CoHHO) Symposium, 26-28 November, 2013. Kyoto, Japan.

54. **Sarker. S** and Hossain. 2012. Managing without Managers: Climate Change Adaptation at Ramgati Coast, Bangladesh. Poster presented at The Planet under Pressure conference, 26-29 March, London, UK.
55. **Sarker. S** and Hossain.2012. Fishing and Marketing of Hilsha Fishery in Bangladesh. Paper presented at *9th Annual Scientific Conference of CVASU*.5-7 March. Chittagong, Bangladesh.
56. **Sarker. S** and Hossain. M. S. 2011. Coping with Disasters: Insights from a Coastal Community in Bangladesh. Poster presented at the 2<sup>nd</sup> International Symposium on Integrated Coastal Zone Management, 3 - 7 July 2011, Arendal, Norway.