



# Hasibun Naher

Central and South Asia

Applied Mathematics

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Dr. Hasibun Naher's research at the interface of mathematics and science has many potential applications. She is currently using her work on partial differential equations for the simulation of tsunamis, which can help make better predictions of tsunami behavior; she also has future research projects planned in the fields of mathematical medicine and mathematical biology.

Dr. Naher is Associate Professor of mathematics at the Department of Mathematics and Natural Sciences at BRAC University, Dhaka, Bangladesh. She received her PhD in applied mathematics from the School of Mathematical Sciences, Universiti Sains Malaysia, Malaysia. Her research interests are in the areas of partial differential equations, mathematical physics, mathematical biology and tsunami waves. She has devoted much of her research to highly nonlinear equations and obtained exact, analytical and travelling wave solutions.

Dr. Naher has published many scientific papers and has worked as a member of editorial boards in top international journals, and is the author of two books published by the Bangladesh National Curriculum & Text Book Board. She frequently attends international conferences worldwide as an invited speaker and as a presenter. She also serves as a member on several international scientific committees for international conferences. She is a member of various national and international organizations, including the National Oceanographic and Maritime Institute and the International Association of Engineers. She was honored as the Best Researcher in BRAC University in 2015.

“ This prestigious award makes me more confident that I will reach my goals, by doing research in various fields in collaboration with international scientists and researchers from developed countries. Since my childhood I always thought about how to motivate female students in STEM to help them have prosperous lives in developing countries. I hope this award helps me to fulfill my dream.

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