

MUBASHHIR TAHMID

Climate Entrepreneur | Expert in Gender-Inclusive Climate Adaptation

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CAREER SUMMARY

Climate solutions innovator with a proven track record in climate adaptation, gender-inclusive policy research, and sustainable development. Founder and Managing Director of Tetra Private Limited, a pioneering climate-tech startup to address climate-change induced salinity intrusion in coastal Bangladesh. Extensive experience in youth engagement, gender equity, and policy analysis, having worked with UNDP, BRAC, and Teach for Bangladesh on projects spanning climate finance, gender-responsive governance, and social innovation. Adept at stakeholder engagement, fundraising, and research-driven policymaking and leading initiatives that empower women and marginalized communities. Recognized globally for contributions to climate action and WASH innovation, including accolades from COP28, IWA, and UNLEASH Innovation Lab.

PROFESSIONAL EXPERIENCE

Tetra Private Limited

A climate-tech startup ensuring safe water access for climate-vulnerable coastal regions in Bangladesh.

Co-founder and Managing Director (February 2022- Present)

- Led climate-adaptation initiatives by developing solar-powered desalination plants, directly addressing water scarcity caused by salinity intrusion.
- Designed and implemented a gender-inclusive micro-entrepreneurship model, empowering women in climate-vulnerable coastal regions as service delivery agents and fostering female leadership in climate resilience.
- Secured \$300,000 in climate-focused grants from international donors, including Aqua for All, Young Water Solutions, USAID, Expo City Foundation Dubai, and UNDP, to scale community-based climate-adaptive solutions.
- Conducted impact assessment studies on water access, gender inclusivity, and local adaptation to inform policy recommendations.
- Established partnerships with NGOs, research institutions, and policymakers to integrate climate resilience strategies into national and local frameworks.
- Engaged youth in mobilising climate-adaptive solutions for the climate-vulnerable coastal communities.
- Led advocacy efforts for youth-led climate action, representing Tetra at global climate forums, including COP28, International Water Association (IWA), and UNLEASH Innovation Lab.
- Created employment opportunities for youth and mobilized youth groups to support climate-vulnerable coastal communities, fostering youth empowerment and engagement in climate resilience efforts.

BRAC

World's largest NGO impacting 100 million people living with poverty and inequality

Deputy Manager, Social Innovation Lab (Oct 2022 – Nov 2023) | Young Professional (Oct 2021 – Sept 2022)

- Designed and led a policy evaluation project for Locally Led Climate Adaptation Clinics, identifying gaps in community resilience strategies.
- Co-developed a governance framework for climate policy interventions, aligning BRAC's programs with national climate adaptation strategies.
- Developed a digital service delivery model for rural climate initiatives, improving youth engagement in sustainable development projects.
- Designed and piloted a climate-adaptation initiative focused on supporting the coastal communities of Bangladesh with safe drinking water to tackle climate-change induced water salinity under the Frugal Innovation Fellowship project

Teach for Bangladesh

A nonprofit mobilizing young leaders to address educational inequity in Bangladesh.

Associate-Fellowship Recruitment and Selection (June 2019-February 2020)

- Conducted youth career research, analyzing barriers preventing young professionals from entering social impact fields.
- Developed strategies to engage youth in supporting vulnerable communities, focusing on leadership and social impact initiatives.
- Designed and executed tailored recruitment campaigns, inspiring young professionals to join TFB's movement for community development.
- Led youth mobilization efforts, organizing events and strategic outreach to encourage participation in policy and community-driven solutions.
- Connected young leaders with capacity-building programs, fostering skills in social innovation and community-based action.

RESEARCH & POLICY ENGAGEMENT

Reviewing National Financial Policies and M&E Mechanism for Suggesting Better Implementation of Gender Responsive Policies Supportive To Women's Economic Empowerment

Research Assistant (April 2022)

- Conducted policy gap analysis on national financial policies and their impact on women's economic participation.
- Evaluated the funding landscape for gender-inclusive financial programs, identifying barriers to access.
- Assisted in designing recommendations for policy improvements, ensuring a more equitable financial system.
- Contributed to stakeholder engagement, collaborating with government agencies, NGOs, and financial institutions to refine policy implementation strategies.
- Applied gender-responsive policy frameworks to assess the effectiveness of financial policies in addressing systemic inequalities.

EDUCATION

Institute of Business Administration (IBA DU)

Master of Business Administration (MBA-Finance)

Bangladesh University of Engineering & Technology (BUET)

Bachelor of Science in Naval Architecture & Marine Engineering

TRAININGS

- Application of Economics in Public Policy

PUBLICATIONS

- Bridging the Water Gap- Leveraging Women-Led Microentrepreneurship for Ensuring Safe Water in Salinity-Affected Coastal Bangladesh (Ongoing)
- The Role of Social Enterprise in Climate Change Adaptation: A Case Study in Coastal Bangladesh (Accepted and to-be-published in Colorado WASH Symposium 2025)

KEY SKILLS AND EXPERTISE

- **Climate Adaptation & Resilience Strategies** – Expertise in designing community-driven adaptation models that enhance resilience to climate-induced challenges, including gender-responsive adaptation measures.
- **Gender-Inclusive Climate Solutions** – Developed and implemented women-led climate adaptation initiatives, fostering economic empowerment and leadership for marginalized women in climate-vulnerable regions.
- **Youth-Led Climate Action & Policy** – Mobilized youth groups for climate advocacy, policy research, and community engagement, creating employment opportunities in climate adaptation projects.
- **Social Enterprise & Sustainable Development** – Established Tetra as a sustainable climate-tech social enterprise, integrating innovative business models to address climate adaptation challenges.
- **Thought Leadership** – Represented at COP28, International Water Association (IWA), and UNLEASH Innovation Lab as an expert in climate adaptation and policy-driven innovation.
- **Impact Assessment & Research** – Led multiple field studies evaluating climate adaptation programs, gender-inclusion initiatives, and social enterprise models, contributing to global policy discourse.

RECOGNITIONS

- Project Innovation Award (Silver Medal) in the Governance, Institutions & Social Enterprise category by International Water Association (IWA) for women-led innovative climate change adaptation model for salinity affected coastal regions in Bangladesh
- Global Innovator (COP28) by Expo City Dubai Foundation for developing social business solutions for climate change adaptation
- Global Talent for SDG-6 by UNLEASH Innovation Lab for contribution to ensuring access to safe drinking water for climate-vulnerable communities in coastal Bangladesh
- Frugal Innovation Fellow of BRAC for designing scalable climate-adaptive solutions for global impact