

# BACS

Bangladesh Academy for Climate Services (BACS)

*"The well-known adage 'climate is what you expect and weather is what you get' clarifies the difference between the climate and weather. Climate information services prepare users for the weather they will actually experience. Climate services provide climate information in a way that assists decision making by individuals and organizations. Such services require appropriate engagement along with an effective access mechanism and must respond to user needs." -- World Meteorological Organization*



## BACKGROUND

- The **Bangladesh Academy for Climate Services (BACS)** was co-founded in 2018 by the International Center for Climate Change and Development (ICCCAD), the International Research Institute for Climate and Society (IRI) at Columbia University, the Bangladesh Meteorological Department (BMD), and the International Maize and Wheat Improvement Center (CIMMYT).
- It was born from stakeholder consultations as part of IRI's ACToday project.
- It is hosted at the Independent University, Bangladesh (IUB) and is part of the Gobeshona network.

## BACS OFFERS THREE FUNCTIONS:

A Convening role to open trans-sectorial and multi-stakeholder dialogue on climate services (defined as the production, translation, dissemination and use of climate and weather data to improve decision making), in order to identify existing initiatives, challenges and opportunities.

Develop tailored certification short courses for students and early to mid-level professionals to help address identified needs.

Create graduate level curricula to train a new generation of weather, climate and sector experts with the skills needed to face the uncertainties of the coming decades.

For more information, please see our webpage: [www.gobeshona.net](http://www.gobeshona.net)



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## Founding Partners' Profile

### International Centre for Climate Change and Development (ICCCAD)

The **International Centre for Climate Change and Development (ICCCAD)** is a research and training centre based at Independent University, Bangladesh (IUB) in Dhaka working on climate change and development in Bangladesh and globally. ICCCAD's main function includes: Conducting on the ground research to generate peer reviewed publications; Building capacity and training future and current leaders; Developing and leading a network of partners. ICCCAD's mission is to gain and distribute knowledge on climate change, specifically adaptation and thereby helping people to adapt to climate change with a focus on the global south.

### International Maize and Wheat Improvement Center (CIMMYT)

**CIMMYT (International Maize and Wheat Improvement Center)** is an independent, international, non-profit agricultural research organization. CIMMYT works throughout the developing world to improve livelihoods and foster more productive, sustainable smallholder farming. Our portfolio squarely targets critical challenges, including food insecurity and malnutrition, climate change and environmental degradation. Through collaborative research, partnerships, and training; the center helps to build and strengthen a new generation of national agricultural research and extension services in developing nations.

### International Research Institute for Climate and Society (IRI)

**International Research Institute for Climate and Society (IRI)** is a part of The Earth Institute, Columbia University. The mission of the IRI is to enhance society's capability to understand, anticipate and manage the impacts of climate in order to improve human welfare and the environment, especially in developing countries. The IRI conducts this mission through strategic and applied research, education, capacity building, and by providing forecasts and information products with an emphasis on practical and verifiable utility and partnership.

### Bangladesh Meteorological Department (BMD)

**Bangladesh Meteorological Department (BMD)** also known as Abohawa Office (Weather Office) is the national meteorological organization of Bangladesh, working under Ministry of Defense of the Government of Bangladesh. It is responsible for maintaining the network of surface and upper air observatories, radar and satellite stations, agrometeorological observatories, geomagnetic and seismological observatories and meteorological telecommunication system of Bangladesh.

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