



Dr. Saon Banerjee

CONTACT

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SKILLS

- Climate Change impact study
- Crop weather modelling
- R and Statistical analysis
- Organising training and seminar
- Writing policy documents, project proposals, Reports

LANGUAGES

- English
- Bengali
- Hindi

AWARDS

- IARI-Gold Medal
- Metos Award
- INSA Bilateral Exchange Programme Award to act as Visiting Scientist- University of Edinburgh
- ELLA Learning into Practices Award (\$5000.00), Practical Actions (UK)
- CNPq-TWAS Post-Doc award
- Fellow, Association of Agrometeorologists
- Fellow, Bangladesh Science Foundation
- Best paper or poster Awards: More than 10 in numbers

Professor and Former-Head, Department of Agricultural Meteorology and Physics, Bidhan Chandra Krishi Viswavidyalaya (Agricultural University), West Bengal, India with twenty-five years' experience in teaching, research and extension. The research field includes crop-weather relationship, agroclimatic characterization, climate change, dynamic crop simulation modeling and climate resilient agriculture. Principal Investigator of a number of national and international projects funded by Asia Pacific Network for Global Changes, ICAR, ISRO, Ministry of Earth Science (Govt of India) and Practical Action (UK). Guided seven Ph.D. students and twelve M.Sc. students. Respondent (Agriculture Section) in IPCC-AR 4 dissemination Workshop for South-East Asia and member of the prestigious BSMA committee (PG and Ph. D. syllabus restructuring committee) of Indian Council of Agricultural Research.

Presently looking forward for the horizontal expansion of the knowledge and expertise in the applied field. Motivated to develop and promote creativity and high-order thinking skills for the betterment of the society.

EDUCATION

Examination Passed	University/ Institute	Year of passing
B.Sc. (Ag.) Hons.	VISVA-BHARATI (Central University)	1993
M.Sc. (Ag. Physics)	IARI, New Delhi	1996
Ph.D. (Ag. Physics)	IARI, New Delhi	2000

SERVICE RECORD

Position held	Organization	Period
Lecturer	B.C.K.V.	24.04.2000 to 23.04.2004
Lecturer in Senior Scale	--do--	24.04.2004 to 13.09.2006
Reader	--do--	14.09.2006 to 13.09.2009
Associate Professor	--do--	14.09.2009 to 13.09.2012
Professor	--do--	14.09.2012 to till date

(Service responsibility: Administration, Research, Teaching and Extension)

NUMBERS OF PROFESSIONAL TRAINING ATTENDED: TEN (On crop modelling, global warming, Intellectual Property rights, NRM, Agromet data analysis, etc.)

EXTERNAL EXAMINER AND THESIS EVALUATION: Three/ four times per year for several Universities, like UBKV, TNAU, BAU, AAU, etc.

MENTORSHIP: Mentor of DST Women Scientist working on Carbon Sequestration and Ecosystem Monitoring in Forest Ecosystem.

PUBLICATIONS

Numbers of full papers:

--133--

Numbers of books and technical bulletins:

--11--

Numbers of book-chapter:

--12--

Citations: 1121

Google Scholar)

h-index: 18

i-10 index: 34

ORCID ID:

0000-0001-8213-1036

ACHIEVEMENTS

🚧 New approach development to determine the radiation use efficiency from bright sunshine data

🚧 Generation of common coefficient to estimate global solar radiation. The coefficient was named as OIOC (One India One Constant)

🚧 Establishment of agronomic adaptation strategies to combat climate change effect on rice and mustard in Eastern India

🚧 Establishment of village-level CSA (Climate Smart Agriculture) group at two pilot villages

🚧 Handled seven other projects as Co-PI

🚧 Organized training as Course Director and Workshop as Organizing Secretary

PROJECT HANDLED

Name of the Project	Funding agency	Position held
Agromet Advisory Service (<i>Gramin Krishi Mausam Seva</i>)	IMD, Ministry of Earth Science	Nodal Officer
Energy Water Balance and crop growth monitoring	ISRO	PI
Impact, adaptability and vulnerability of Climate Change on Indian Agriculture	ICAR	PI
National Innovation on Climate Resilient Agriculture	ICAR	PI
Strengthening climate change related adaptive capacity for farming community of SE Asia	Practical Action, UK	PI
Protecting ecosystems and livelihoods of the Sundarbans.... impact of natural hazards on forest-based ecosystem services"	APN (Asia-Pacific Network) for global changes	PI

FOREIGN ASSIGNMENT

Name of country	Year	Purpose
Bangladesh	2004	To attend Int. Seminar on Bengal Basin
Cambodia	2009	To attend the APN-Workshop on climate risk management
Australia	2010	To attend the APN-Workshop on climate change impact on disease
Thailand	2011	To attend the APN-Workshop on climate change impact on disease
UK	2012	Visiting Scientist in University of Edinburgh through INSA Bilateral Exchange Program
Thailand, Malaysia, Sri Lanka	2013	Project work of "Strengthening climate change related adaptive capacitySE Asia"
Vietnam	2014	To attend Flux Monitoring Training organized by Asia Flux
Spain	2016	To chair one session in the International Conference on Science, Ecology and Technology at Barcelona
Indonesia	2018	To deliver invited lecture on Climate Resilient Agriculture at Padjadjaran University
Australia	2023	To attend Workshop on Hyperspectral RS at University of Sunshine Coast
Philippines	2023	To deliver lecture in the APAC Watershed Congress
Vienna, Austria	2025	To present paper in the Overshoot Conference at IAASA, Luxenburg, Vienna

Savitri Ramani

(Signature)

Date: 12.01.25