Web conference on
Management of Waterlogged & Flood Prone Areas in Bihar

Organized by:
College of Basic Science & Humanities & Centre for Advance Studies on Climate Change
Dr. Rajendra Prasad Central Agricultural University, Pusa (Samastipur) 848125

5th June, 2021

Chief Patron
Dr. R. C. Srivastava
Hon’ble Vice-Chancellor
RPCAU, Pusa

Chief Guest
Sri N. Saravana Kumar
Secretary
Department of Agriculture
Government of Bihar

Guest of Honor
Dr. Alok Sikka
Country Representative-India
IWMI, Colombo

Special Guest & Chairman
Policy Paper Session
Dr. S. K. Chaudhari
DDG, Natural Resource Management
ICAR, New Delhi

Convener
Dr. S. Roy Chowdhury
Dean, CBS&H
RPCAU, Pusa

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5th June, 2021

WEBCON SCHEDULE

10:00 - 11:15 am
Inaugural Session
Welcome by Dr. Som Nath Roy Chowdhury, Convener & Dean, CBS&H, Pusa
Address by Guest of Honor: Dr. Alok Sikka, Country Representative-India, IWMI, New Delhi
Presidential address by R. C. Srivastava, Hon’ble Vice-Chancellor, RPCAU, Pusa
Address by Chief Guest: Sri N. Saravana Kumar, Secretary, Department of Agriculture, Govt. of Bihar
Vote of Thanks: Dr. Kumari Sapna, Organizing Secretary & Asstt. Professor (Agronomy), RPCAU, Pusa

Technical Session-I
Chairman – Dr. Ashok Ghosh, Rapporteurs: Dr. Shivendra Kumar and Dr. Kumari Sapna
11.15 - 11.30 am Flora and faunal changes in water logged prone areas in Bihar
Speaker: Dr. Ashok Ghosh, Chairman, Bihar State Pollution Control Board, Bihar.
11.30 - 11.45 am Mitigation of water logged areas in north Bihar through river engineering.
Speaker: Prof. Ramakar Jha, National Institute of Technology, Patna, Bihar.
11.45 - 12.00 pm Management of waterlogged area: An experience of Sunderban
Speaker: Dr. D. K. Singh, Professor, WTC-Indian Agricultural Research Institute, ICAR, New Delhi
12.00 - 12.15 pm Risk assessment and prediction of appearance of water logged areas in north Bihar using Geospatial approaches.
Speaker: Dr. V. M. Chaudhary, Scientist/Engineer ‘SG, RRSC North, NRSC-ISRO, New Delhi.
12.15 - 12.30 pm Summary discussion of the session.

Technical Session-II
Chairman – Dr. Ramakar Jha, Rapporteurs: Mr. Vikas Kumar Rai and Dr. K. L. Bhutia
12.30 - 12.45 pm Emerging water crisis issues under changing climate scenario in India.
Speaker: Dr. D. K. Panda, Principal Scientist (Agril. Statistics.), ICAR-IIWM, Bhubaneswar, Odisha.
12.45 – 01.00 pm Delineation and mapping of water logged areas using Geospatial approaches.
Speaker: Mr. Vikas Kumar Rai, Assistant Professor (Soil Physics), RPCAU, Pusa.
01.00 - 01.15 pm Innovative Irrigation and Drainage options for Waterlogged Areas of Bihar
Speaker: Dr. Ravish Chandra, Assistant Professor (SWE), RPCAU, Pusa
01.15 - 01.30 pm Designing new cropping system in water logged areas.
Speaker: Dr. Kumari Sapna, Assistant Professor (Agronomy), RPCAU, Pusa.
01.30 - 01.45 pm Flood inflicted damage coverage and post flood management options for improve livelihood of farmers in Bihar.
Speaker: Dr. P. S. Brahmanand, Principal Scientist, ICAR-IIWM, Bhubaneswar, Odisha.
01.45 - 02.00pm Aquatic commercial crop in water logged areas of Bihar.
Speaker: Dr. Anil Kumar, Assistant Professor-cum-Junior Scientist, BPS College of Agril. Purnea.
02.00 - 02.15pm Aquaculture in water logged areas of Bihar.
Speaker: Dr. Shivendra Kumar, Associate Professor (Aquaculture), RPCAU, Pusa

LUNCH BREAK 02.15 PM – 04.00 PM

Panel discussion 4.00 – 5.30 pm
Presentation of draft Policy paper and discussion.
Chairman: Dr. S. K. Chaudhari, DDG, NRM, ICAR, New Delhi
Sri N. Saravana Kumar, Secretary, Dr. Alok Sikka, Hon’ble VC Dr. R.C. Srivastava, panelists and presenters
Vote of Thanks: Dr. Kumari Sapna, Organizing Secretary & Asstt. Professor (Agronomy), RPCAU, Pusa

Organizing Team
Chief Patron: R. C. Srivastava, Hon’ble Vice-Chancellor, RPCAU, Pusa
Convenor: Dr. S. Roy Chowdhury, Dean, CBS&H, Pusa
Co-convenor: Dr. Ratnesh Jha, PD, CASCC, Pusa
Organizing Secretary: Dr Kumari Sapna, Asstt. Prof. (Agronomy), RPCAU, Pusa

Member Organizing Committee
Dr. S.K Jain PD, CoE WM
Dr. Shivendra Kumar Assoc. Prof. (Aquac.)
Dr. Ravish Chandra Asstt. Prof. (SWE)
Mr. Vikas Kr Rai Asstt. Prof. (Soil Sc.)
Dr. Shailesh Kumar Asstt. Prof. (Plant Phys.)
Dr. K.L. Bhutia Asstt. Prof. (Biotech.)

Technical Support: Er. Sneh Sansar, Asstt. Engineer, ARIS Cell, RPCAU, Pusa