

The Department of Economics organized its bi-weekly **Economics Department Brown Bag Seminar Series: Summer 2020** on 3rd September 2020, Thursday, from 1:00 PM to 2:00 PM. In this series, faculty members of the department, as well as academicians and researchers outside NSU, present their research work to i) share research ideas and findings, ii) engage in scholarly discussion and get feedback, and most importantly iii) stimulate the research environment of the department in line with NSU vision and mission. The second speaker for this semester has been Dr. Syed Mortuza Asif Ehsan, Assistant Professor, Department of Economics, presenting his paper titled, “Disaster Induced Agricultural Productivity in Coastal Regions of Bangladesh: A Stochastic Frontier Analysis Approach” (with Dr. Md. Jakariya). The event was moderated by Dr. Samiul Haque, Assistant Professor, Department of Economics, and hosted by Dr. Ahmed Tazmeen, Chairman, Department of Economics. The session generated a lively discussion. One may find the link to the video recording at:

<https://drive.google.com/file/d/1jhFmLczqVQAq49B7aopMttREk93IGmO2/view>

REC S Syed Mortuza Ehsan is presenting Ahmed Farah UL and 3 more 14 1:45 PM You

### Key findings

- The disaster-experiencing households produced 20.3 percent more rice compared to the households without any exposure to disaster.
- The rice-producing households in the coastal areas are operating at 73.25 percent of their maximum productive efficiency, lower than the other areas of Bangladesh.
- The level of technical efficiency is higher for the disaster-experiencing households at 77.18 percent compared to the other group (68.89 percent).
- Farmers experiencing a disaster in recent years are 19.8 percent more efficient in rice production compared to their disaster-unaffected counterparts.
- Having member with rice production as primary occupation, households' productive efficiency increased by 54.42 percent
- Household's reliance on agriculture, age of the working age members, and size of

Economics Department Brown Bag Se... Turn on captions Syed Mortuza Ehsan is presenting

Participants: Ahmed Tazmeen, Syed Mortuza Ehsan, Professor Nobinda, Nazrul Islam, Nomita Halder, kazi sharmin kabir