



Indian Institute of Technology Kanpur

Kanpur 208 016 Uttar Pradesh (India)

Academic Section

Student Awards and Honours

Student's Name: Mr. Sarwar Nizam
Programme and Department: PhD/ES
Thesis Supervisor/Mentor: Prof. Indra Sekhar Sen
Award/Honour: Paper Published in Environmental Science & Technology (ES&T)
Host Organization: American Chemical Society
Brief Description of the Award/Honour: Mr. Sarwar Nizam's work was published in Environmental Science and Technology published by the American Chemical Society. <i>Environmental Science & Technology (ES&T)</i> is an authoritative source of information for professionals in a wide range of environmental disciplines, and his study was selected to be on the front cover of the journal. Here he show that the melting rates of western Himalayan glaciers are insensitive to fossil-fuel combustion residues, which is contrary to all recent findings. His observation suggests that biomass-derived carbon could be the only primary driver of carbon-induced glacier melting in the western Himalaya. This has huge implication for understanding long range transport of aerosols from elsewhere to the Himalayas and also future glacier melting and hence regional water security of South Asian countries.

Date: July 7, 2020