



## Day-2: 08 May 2026 (Friday)

### Session VI: Environmental Science & Health and Radiation Physics (ESHRP)

- Venue : Auditorium, Atomic Energy Centre, Dhaka
- Time : 9:30 – 11:00
- Chair(s) : Yeasmin Nahar Jolly, PhD  
Director  
Atomic Energy Centre, Dhaka
- : A.K.M. Mizanur Rahman, PhD  
Chief Scientific Officer, Health Physics Division  
Atomic Energy Centre, Dhaka
- Invited Lecture : **Reducing Climate Mitigation Costs through the Role of Renewable & Modern Nuclear Technology**  
IL-05
- M. Safiur Rahman, PhD  
Chief Scientific Officer & Head, Chemistry Division  
Atomic Energy Centre, Dhaka

#### Contributory Papers:

Abstract ID	Title	Author Name(s)
ESHRP01-028	Detection and Locational Identification of Plastic Wastes in the River by Remote Sensing and Machine Learning in Dhaka (Buriganga River)	Arnob Roy and Biroti Das
ESHRP02-044	Visualizing Ionizing Radiation: Design and Real -Time Validation of a Hybrid Prototype Cloud Chamber Using an Image Processing Algorithm	Pronojit Karmakar, Anik Evan Hashem Shuvo, Ishfaq Elahi, and Abdus Sattar Mollah
ESHRP03-051	Assessment of Lead Contamination and Associated Health Risk in Drinking Water of Batiaghata Union	Md. Faisal Ferdous, Kazi Md. Asif, Md. Hafijur Rahman Sabbir, S.M. Nabid Hassan Akib, and Md. Salman Ferdous
ESHRP04-122	PM <sub>2.5</sub> -bound Heavy Metals at Urban and Rural Location in Bangladesh: Source Apportionment and Health Risk Assessment	Rakibul Omar, Siful Islam Rashed, Md Shohel Rana, Shahid Uz Zaman, Mohammad Moniruzzaman, and Abdus Salam
ESHRP05-204	Environmental Stress, Green Urban Adaptation, and Resilience Among Climate Migrants in Coastal Bangladesh	Khondoker Mahmud Parvez
ESHRP06-235	Radiation-induced Modification of Plastic Waste for the Removal of Crystal Violet	Md. Nabil Sardar, Nazia Rahman, Shahnaz Sultana, Md. Firoz Mortuza, and Md. Tauhidul Islam Tanim
ESHRP07-259	Electron Paramagnetic Resonance Dosimetry of Potassium Tartrate Hemihydrate for Fractionated Radiotherapy	Sayed Tahlil Hossain and Norehan Mohd Nor