

Environmental Science journals

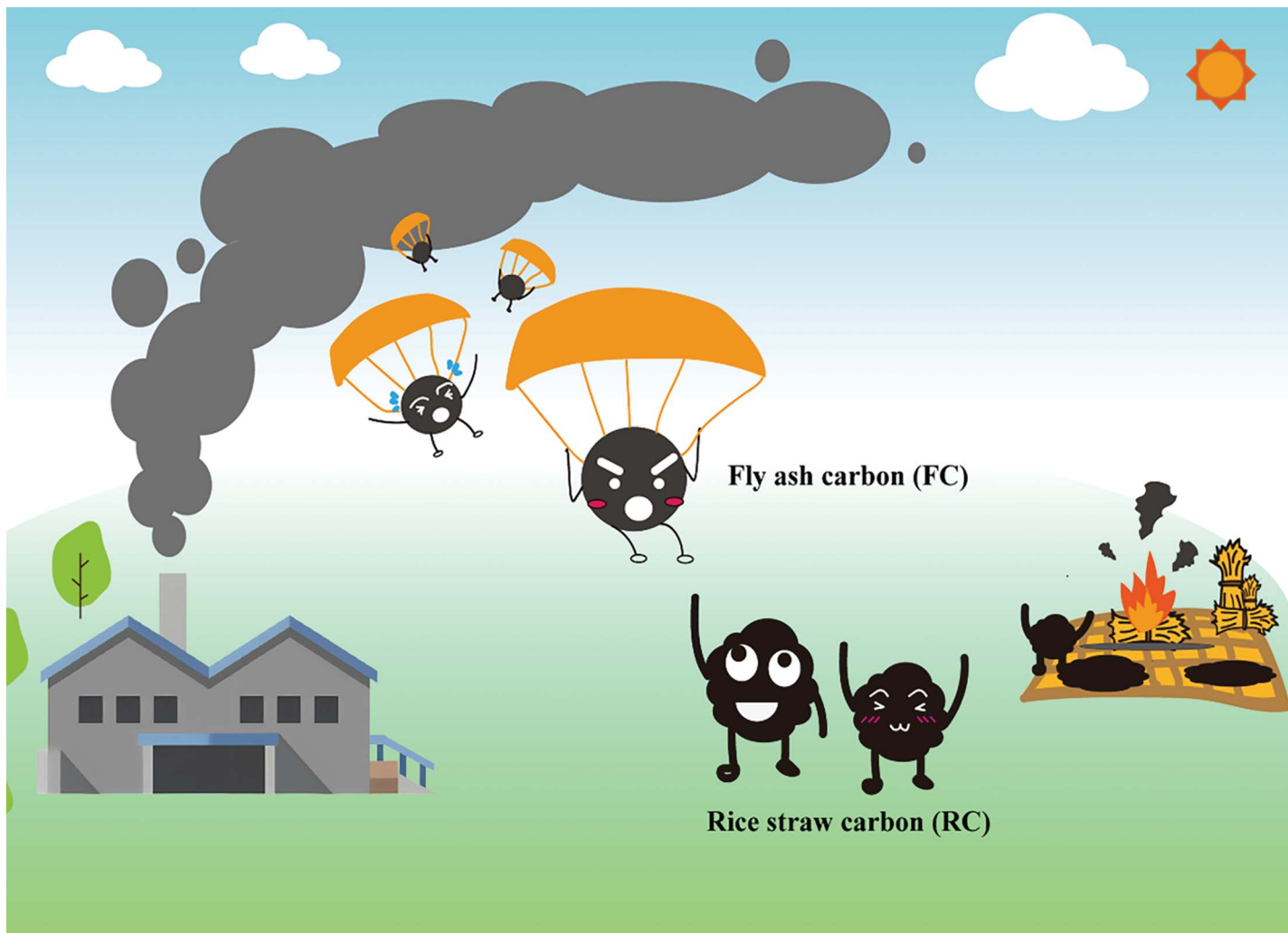
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Fundamental questions
Elemental answers





Featuring work from Dr. Mingyang Sun from the School of Environmental Science and Engineering, Nanjing University of Information Science & Technology, China.

The effect of the ageing process on the desorption of nonylphenol in black carbon-sediment systems: a kinetic-mechanistic and modeling investigation

An established model based on parameters of desorption kinetics could predict release potentials in sediment with different BC doses and aging time. Relation between sorption sites and desorption fractions, affected by aging process and black carbon, is significant for predicting the release risk of organic pollutants in sediment. New insight towards this relation in aged black carbon-sediment systems was provided.

As featured in:



See Hong Yang, Guanghuan Cheng *et al.*,
Environ. Sci.: Processes Impacts,
2024, **26**, 499.