

Environmental Science and Engineering Colloquium

Human contribution to the 2020 summer successive hot- wet extremes in South Korea

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Speaker

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Abstract

- During the summer 2020, South Korea was struck by a strong heat wave in June followed by an extremely long wet period during July-August.
- Anthropogenic contributions to the 'successive hot-wet extremes' are investigated using large-ensemble global climate model simulations.
- Human-induced greenhouse warming is found to increase the likelihood of 2020-like successive hot-wet extreme summers by about three times.

※ The seminar will be conducted in English

