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학력

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3. Visser J., Kim S., Wasko C., Nathan R., Sharma A. (2022) The impact of climate change on operational estimates of Probable Maximum Precipitation, *Water Resour. Res.,* 58(11), e2022WR032247, **[5.4]**
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5. Kim S., Sharma A., Wasko C., Nathan R. (2022) Linking total precipitable water to precipitation extremes globally, *Earth's Future,* 10(2), e2021EF002473, **[8.2]**
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8. Kim S., Sharma, A., Liu, Y., Young, S. I. (2022) Rethinking Satellite Data Merging: From Averaging to SNR Optimization, *IEEE Trans. Geosci. Remote Sens.*, 60, 1-15, **[8.2]**
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17. Kim T., Ley T., Kang S., Davis J., Kim S., Amrollahi P. (2020). Using Particle Composition of Fly Ash to Predict Strength and Resistivity of Concrete, *Cem. Concr. Compos.,* 107, 103493, [10.5]
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❖ 컨퍼런스

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국제학술대회 (주발표자)

1. Kim S., Lee G., Sharma A. Evaluating the Impact of Rainfall Duration on the Relationship between Atmospheric Moisture and Extreme Precipitation, *MODSIM 2023*, Darwin, Australia
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4. Kim S., Pham H., Liu Y., Sharma A., Marshall L. Combining geophysical variables for maximizing temporal correlation without reference data, *MODSIM 2019*, Canberra, Australia
5. Kim S.(초청), Guo Y., Wasko C., Sharma A. On soil moisture, rain and flood extremes in a warming climate - using satellite remote sensing to define future antecedent conditions, *KSCC 2018*, Jeju, Republic of Korea
6. Kim S., Ajami H., Sharma A. Incorporating an operational satellite-derived leaf area index into a computationally efficient semi-distributed hydrologic modelling application (SMART), *MODSIM 2017*, Hobart, Australia
7. Kim S., Liu Y., Johnson F., Sharma A. A temporal correlation-based approach for spatial disaggregation of remotely sensed soil moisture, *AGU fall meeting 2016*, San Francisco, CA, USA
8. Kim S., Liu Y., Johnson F., Parinussa R., Sharma A. Reducing Structural Uncertainty in AMSR2 Soil Moisture Using a Model Combination Approach, *AGU fall meeting 2014*, San Francisco, CA, USA
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참여프로젝트

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  - NASA SMAP 토양습윤 데이터 검증 캠페인 (현장 데이터 측정)/Soil Moisture Active Passive Experiment – the 4th campaign (SMAPEx-4)
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