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한려

- 2013 년 7 월 2017 년 11 월 UNSW Sydney 공학박사 (수자원공학/원격탐사)
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노문

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- 2. <u>Kim S.</u>, Sharma A., Wasko C., Nathan R. (2022) Linking total precipitable water to precipitation extremes globally, *Earth's Future*, 10(2), e2021EF002473, [8.852]
- 3. Yoon H.N., Marshall L., Sharma A., <u>Kim S.</u> (2022) Bayesian model calibration using surrogate streamflow in ungauged catchments, *Water Resour. Res.*, 58, e2021WR031287, [6.159]
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- 8. Kim S., Mehrotra R., <u>Kim S.</u>, Sharma A. (2021) Probabilistic forecasting of Cyanobacterial concentration in riverine systems using environmental drivers, *J. Hydrol.*, 593, 125626, [6.708]
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- 10. <u>Kim S.</u>, Anabalón A., Sharma A. (2021) An Assessment of Concurrency in Evapotranspiration Trends Across Multiple Global Datasets, *J. Hydrometeorol.*, 22(1), 231-244, [4.871]
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- 15. <u>Kim S.</u>, Ajami H., Sharma A. (2020). Using remotely sensed information to improve vegetation parameterization in a semi-distributed hydrological model (SMART) for upland catchments in Australia, *Remote Sens.*, 12(18), 3501, [5.349]
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- 18. Hagan D., Wang G., <u>Kim S.</u>, Parinussa R., Liu Y., Ullah W., Bhatti S., Ma X., Jiang T., Su B. (2020). Maximizing Temporal Correlations in Long-Term Global Satellite Soil Moisture Data Merging, *Remote Sens.*, 12 (13), 2164, [5.349]
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❖ 컨퍼런스

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학술대회 (주발표자)

- 1. <u>Kim S.</u>, Sharma A., Wasko C., Nathan R. How does total precipitable water link to precipitation extremes?, *MODSIM 2021*, Sydney, Australia
- 2. <u>Kim S.</u>, Zhang R., Sharma A., Lakshmi V. Improvements of satellite observations through data merging: status and challenges, *AGU fall meeting 2020*, San Francisco, CA, USA
- 3. <u>Kim S.</u>, Pham H., Liu Y., Sharma A., Marshall L. Combining geophysical variables for maximizing temporal correlation without reference data, *MODSIM 2019*, Canberra, Australia
- 4. <u>Kim S.(</u>조청), 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
- 5. <u>Kim S.</u>, 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
- 6. <u>Kim S.</u>, 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
- 7. <u>Kim S.</u>, 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
- 8. <u>Kim S.</u>, Liu Y., Johnson F., Parinussa R., Sharma A. Improvement of Soil Moisture Dataset Combining AMSR2 Soil Moisture Products, *OzEWEX 2014*, Canberra, ACT, Australia

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