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**\*This article is part of a Special Section—Hydrologic Discovery Through Physical Analysis Honoring the Scientific Legacies of W. Brutsaert and J.-Y. Parlange**

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**\*This article is part of a Special Section—New Modelling Approaches and Novel Experimental Technologies for Improved Understanding of Process Dynamics at Aquifer-Surface Water Interfaces**

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**\*This article is part of a Special Section—Oceanic Sources of Continental Precipitation**

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