

Accepted Manuscript

Unified theory for stochastic modelling of hydroclimatic processes:
Preserving marginal distributions, correlation structures, and
intermittency

Simon Michael Papalexiou

PII: S0309-1708(17)30989-2
DOI: [10.1016/j.advwatres.2018.02.013](https://doi.org/10.1016/j.advwatres.2018.02.013)
Reference: ADWR 3099



To appear in: *Advances in Water Resources*

Received date: 25 October 2017
Revised date: 14 February 2018
Accepted date: 14 February 2018

Please cite this article as: Simon Michael Papalexiou , Unified theory for stochastic modelling of hydroclimatic processes: Preserving marginal distributions, correlation structures, and intermittency, *Advances in Water Resources* (2018), doi: [10.1016/j.advwatres.2018.02.013](https://doi.org/10.1016/j.advwatres.2018.02.013)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Highlight:

- 2 • Stochastic modelling reproducing any marginal distribution and linear correlation
3 • Applicable in univariate, cyclostationary and multivariate cases
4 • Precise modelling of precipitation, river discharge, wind, etc. at any time scale
5 • Parametric correlation transformation functions unify and simplify the scheme
6 • Empirical correlation representation through parsimonious parametric functions

7

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات