

Accepted Manuscript

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PII: S0012-8252(17)30559-7
DOI: doi:[10.1016/j.earscirev.2018.08.012](https://doi.org/10.1016/j.earscirev.2018.08.012)
Reference: EARTH 2687
To appear in: *Earth-Science Reviews*
Received date: 31 October 2017
Revised date: 22 August 2018
Accepted date: 24 August 2018

Please cite this article as: Zhanghua Wang, Yoshiki Saito, Qing Zhan, Xiaomei Nian, Dadong Pan, Long Wang, Ting Chen, Jianlei Xie, Xiao Li, Xuezhong Jiang , Three-dimensional evolution of the Yangtze River mouth, China during the Holocene: impacts of sea level, climate and human activity. *Earth* (2018), doi:[10.1016/j.earscirev.2018.08.012](https://doi.org/10.1016/j.earscirev.2018.08.012)

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**Three-dimensional evolution of the Yangtze River mouth, China during the Holocene:
impacts of sea level, climate and human activity**

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Abstract

The Yangtze (Changjiang) mega-delta, China, has a high risk of coastal erosion owing to the recent high rate of relative sea-level rise and reduced sediment supply. The study of the Holocene evolution of the delta can provide information about its response to rapid sea-level rise and changes in sediment supply caused by climate or human activity, although this has yet to be fully explored because of the lack of integrated studies using age-constrained sedimentary records. Here we document stratigraphic architecture and morphological changes

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