

## Accepted Manuscript

Article

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PII: S2095-9273(18)30191-9

DOI: <https://doi.org/10.1016/j.scib.2018.04.020>

Reference: SCIB 391

To appear in: *Science Bulletin*

Received Date: 5 March 2018

Revised Date: 16 April 2018

Accepted Date: 18 April 2018



Please cite this article as: Y. Hu, H. Huang, C. Zhou, Widening and weakening of the Hadley circulation under global warming, *Science Bulletin* (2018), doi: <https://doi.org/10.1016/j.scib.2018.04.020>

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**Widening and weakening of the Hadley circulation under global warming**Yongyun Hu<sup>a\*</sup>, Han Huang<sup>a</sup>, and Chen Zhou<sup>b</sup>

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Received 2018-03-05, received in revised form 2018-04-16, accepted 2018-04-18

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