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Publisher Correction: Impact of wave whitecapping on land falling tropical cyclones

Nicolas Bruneau^{1,2}, Ralf Toumi¹ & Shuai Wang¹Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-19012-3>, published online 12 January 2018

This Article contains errors in References 8, 9, 10, 17 and 48, which were incorrectly given as:

8. Schade, L. R. & Emanuel, K. A. The ocean's effect on the intensity of tropical cyclones: Results from a simple coupled atmosphere-ocean model. *Journal of the Atmospheric Sciences* **56**, 642–651, <https://doi.org/10.1175/1520-2840469> (1999).

9. Chan, J. C. L., Duan, Y. & Shay, L. K. Tropical cyclone intensity change from a simple ocean-atmosphere coupled model. *Journal of the Atmospheric Sciences* **58**, 154–172, <https://doi.org/10.1175/1520-0469> (2001).

10. D'Asaro, E. A. The ocean boundary layer below hurricane dennis. *Journal of Physical Oceanography* **33**, 561–579, <https://doi.org/10.1175/1520-0485> (2003).

17. Seroka, G. *et al.* Stratified coastal ocean interactions with tropical cyclones. *Monthly Weather Review* **144**, 3507–3530, <https://doi.org/10.1175/JAS-D-16-0100.1> (2016).

48. Uchiyama, Y., McWilliams, J. & Shchepetkin, A. Wave-current interaction in an oceanic circulation model with a vortex-force formalism: Application to the surf zone. *Ocean Modelling* **34**, 10–35, <https://doi.org/10.1016/j.ocemod.2007.04.002> (2010).

The correct references are listed below as Refs^{1–5}.

References

- Schade, L. R. & Emanuel, K. A. The ocean's effect on the intensity of tropical cyclones: Results from a simple coupled atmosphere-ocean model. *Journal of the Atmospheric Sciences* **56**, 642–651, [https://doi.org/10.1175/1520-0469\(1999\)056<0642:TOSEOT>2.0.CO;2](https://doi.org/10.1175/1520-0469(1999)056<0642:TOSEOT>2.0.CO;2) (1999).
- Chan, J. C. L., Duan, Y. & Shay, L. K. Tropical cyclone intensity change from a simple ocean-atmosphere coupled model. *Journal of the Atmospheric Sciences* **58**, 154–172, [https://doi.org/10.1175/1520-0469\(2001\)058<0154:TCICFA>2.0.CO;2](https://doi.org/10.1175/1520-0469(2001)058<0154:TCICFA>2.0.CO;2) (2001).
- D'Asaro, E. A. The ocean boundary layer below Hurricane Dennis. *Journal of Physical Oceanography* **33**, 561–579, [https://doi.org/10.1175/1520-0485\(2003\)033<0561:TOBLBH>2.0.CO;2](https://doi.org/10.1175/1520-0485(2003)033<0561:TOBLBH>2.0.CO;2) (2003).
- Seroka, G. *et al.* Hurricane Irene Sensitivity to Stratified Coastal Ocean Cooling. *Mon. Wea. Rev.* **144**, 3507–3530, <https://doi.org/10.1175/MWR-D-15-0452.1> (2016).
- Uchiyama, Y., McWilliams, J. & Shchepetkin, A. Wave-current interaction in an oceanic circulation model with a vortex-force formalism: Application to the surf zone. *Ocean Modelling* **34**, 16–35, <https://doi.org/10.1016/j.ocemod.2010.04.002> (2010).

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