**Thesis: Shuang Xu 2023**

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**1. Introduction**

Here is a demo about how to site. I used to study gravity waves (GWs) excited by Hurricane Matthew [*Xu et al.*, 2019], and my second paper [*Xu et al.*, 2021]. Here is the dissertation of *Chen* [2016].

300–500 words 300–500 words 300–500 words 300–500 words 300–500 words 300–500 words… (1.5 line spacing!)

300–500 words300–500 words300–500 words300–500 words…

* 1. **The role of gravity waves in the atmosphere**

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* 1. **Excitation: the birth of gravity waves**

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* 1. **Propagation: the life of gravity waves**
     1. **Dissipation of waves**

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* + 1. **Multi-step coupling**

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* 1. **Breaking: the death of gravity waves**

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Chen, C. (2016), Exploration of the mystery of polar wave dynamics with lidar/radar observations and general circulation models & development of new wave analysis methods, University of Colorado at Boulder.

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