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Online Office Hours via \_\_\_\_\_(link posted at Quercus: applicable until December 2)

Wednesdays: 12:30 am to 1:30 pm (will start on September 15, 2021)

In person office hours- will be held on request (subject to COVID situation)

Benny Xie  
Adam Morgan  
Andrew Apostoli

\_\_\_\_\_ : Thursday, 6:00 pm-9:00 pm (Online Live)

A survey of the science, history and applications of wind. Topics include storms including hurricanes, tornadoes and midlatitude cyclones, global circulation, local circulations, measurement of winds, impact of winds on land surfaces, wind power, winds and pollution, historical and literary winds, and contemporary ways to look at the actions of wind in our society through various lenses. No prior knowledge of environmental science is required.

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| 1. Introduction: the big picture                              | Week 1   |
| 2. Science of WIND  | Week 2   |
| 3. Global Wind Circulation                                    | Week 3   |
| 4. Synoptic weather phenomenon 1: Hurricanes                  | Week 4   |
| 5. Synoptic weather phenomenon 2: Midlatitude cyclones        | Week 5   |
| 6. Reading week   | Week 6   |
| 7. Synoptic weather phenomenon 3: Thunderstorms and Tornadoes | Week 7   |
| 8. Midterm (tentative)  | Week 7/8 |
| 9. Synoptic weather phenomenon 4: Other storms                | Week 9   |
| 10. Wind in your neighborhood                                 | Week 10  |
| 11. Measuring the Wind in the atmosphere                      | Week 11  |
| 12. Wind as a driver of pollutants                            | Week 12  |
| 13. Wind as a source of Power                                 | Week 13  |
| 14. Changing Wind with Climate Change                         | Week 14  |



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Quizzes will be held via Quercus every week starting on September 20 for both sections. Each quiz will cover the materials from the previous week



If, for some extraordinary reason, you do miss a midterm, please notify me within 24 hours of the exam in person or by email. A non-vague note from a doctor will be required on the

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Same format for both exams, only differing in quantity.

1. True or false questions and multiple-choice questions
2. Short answer/descriptive questions
- 3.