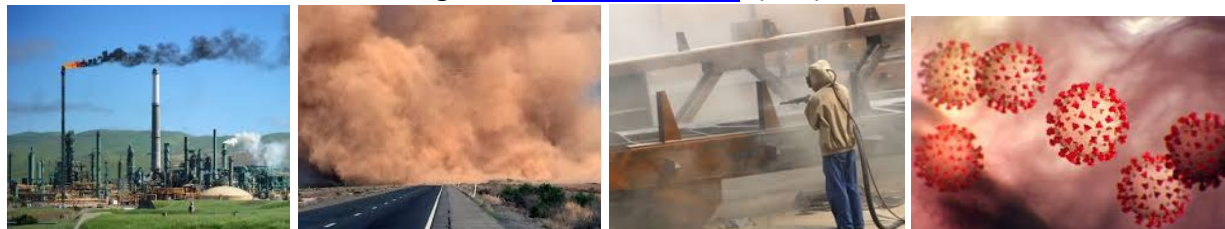


Syllabus

ENV6935 (Class Number 13145, 13148, 13170)

Grad Env Engr Seminar - Air Resources Seminar, Fall 2021

Instructor: Dr. Chang-Yu Wu cywu@ufl.edu, (352)392-0845, 406 BLK



- ◆ **Time & Room:** W. Periods 9 (4:05 – 4:55 pm) via Zoom <https://ufl.zoom.us/j/96188589785> or 415 BLK
- ◆ **Student Hours:** W. Periods 5 (11:45 am – 12:35 pm) via Zoom
- ◆ **Professional component:** 1 credit of Engineering Sciences
- ◆ **Course Pre-Requisites / Co-Requisites:** None
- ◆ **Materials and Supply Fees:** None
- ◆ **Required Textbooks and Software:** No textbook. Software: Zoom
- ◆ **Course Description and Objectives:**

The objective is to familiarize students with contemporary topics in the areas of air resources through presentations and discussions by faculty, guest speakers, and graduate students. A 30-min presentation will be followed by a 15-min Q&A with the audience. Presentation will be recorded and be available on Canvas.
- ◆ **Grades for registered students:**

Registered students should submit **ten** critiques (form on CANAVS) for a grade of “**S**” (Satisfactory) assigned. Otherwise, a grade of “**U**” (Unsatisfactory) will be assigned. The critique should 1) summarize the presentation with max 2 sentences, and 2) critique areas of strength and for further improvement between 100 and 150 words. Submit the form on CANVAS no later than 11:59 pm the following Monday.
- ◆ **Course schedule:**

Date	Speaker	Affiliation	Tentative Title/Topic
09/02	Dr. C Y Wu	UF-EES	Introduction and Overview
09/01	Sripriya Nannu Shankar	UF-EES	Detection of SARS-CoV-2 in Residential Rooms of Self-Isolating Individuals with COVID-19
09/08	Dr. Jiayu Li	Univ. Minnesota – Twin Cities	Air Quality Sensors and Air Pollution
09/15	Dr. Ying-Hsuan Lin	Univ. California - Riverside	Chemical Composition as a Determinant of Air Pollution Toxicity
09/22	Dr. Zaher Hashisho	Univ. Alberta	Control of Volatile Organic Compounds Emissions from Automotive Paint Booths

09/29	Dr. Andy May	Ohio State Univ.	Improved Estimation of Black Carbon Light Absorption and Mass Concentrations from Filter-Based Absorption Photometers
10/06	Dr. Shamia Hoque	Univ. S. Carolina	Fundamental Physical Processes Influencing Transport
10/13	Dr. Joseph Woo	Lafayette College	Kinetic and Property Effects of Aqueous-phase Carbonyl-Containing SOA Photochemistry
10/20	AAAR		No seminar
10/27	Dr. Esther Mullens	UF-Geography	Weather and Climate Impacts on Air Quality
11/03	Dr. Thomas Berkemeier	Max Planck Inst. Chemistry	Estimating Oxidative Stress from Gaseous and Particulate Air Pollution
11/10	Ross Beardsley	Ramboll	Air Quality Assessments under the National Environmental Policy Act
11/17	Karen Sem	UF-EES	Atmospheric Processes of Aerosolized Brevetoxin from Red Tide Events
11/24	Thanksgiving		No class this week
12/01	Brandon Boor	Purdue	New Particle Formation in Indoor Environments

◆ **Attendance Policy:** Synchronous attendance (in-person or through Zoom) is encouraged as you can have direct Q&A with the speaker. If you miss a lecture, you can access the recorded lecture through CANVAS. There is no roll calling to check attendance.

◆ **In-Class Recording**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is

considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

◆ **COVID-19**

- You are expected to wear approved face coverings at all times during class and within buildings even if you are vaccinated.
- If you are sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 (or email covid@shcc.ufl.edu) to be evaluated for testing and to receive further instructions about returning to campus.
- If you are withheld from campus by the Department of Health through Screen, Test & Protect, you are not permitted to use any on campus facilities. Students attempting to attend campus activities when withheld from campus will be referred to the Dean of Students Office.
- UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the [UF Health Screen, Test & Protect website](#) for more information.
- Please continue to follow healthy habits, including best practices like frequent hand washing. Following these practices is our responsibility as Gators.

◆ **Academic Honesty:**

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g., assignments). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. **It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code.** Violations of the Honor Code at the University of Florida will not be tolerated. **Violations will be reported to the Dean of Students Office for consideration of disciplinary action.** For more information, please see [Student Honor Code](#).

◆ **Software Use:**

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

◆ **Students with Disabilities Act:**

The Dean of Students Office coordinates the needed accommodations of students with disabilities. This includes the registration of disabilities, academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability related issues. For more details, contact [Dean of Students Office](#), 202 Peabody Hall, 392-7066.

◆ **Course Evaluation**

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. See [Guidance](#) on how to give feedback in a professional and respectful manner. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, or in their Canvas course menu under [GatorEvals](#). Summaries of course evaluation results are available to students [here](#).

◆ **Student Privacy**

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. Please see more information [here](#).

◆ **Campus Resources:**

[Health and Wellness](#)

U Matter, We Care:

If you or a friend is in distress, please contact [U Matter, We Care](#) or 352 392-1575 so that a team member can reach out to the student.

[Counseling and Wellness Center](#): or 352 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Discrimination, Harassment, Assault, or Violence:

If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the [Office of Title IX Compliance](#), located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu.

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

[University Police Department](#) or 392-1111 (or 9-1-1 for emergencies)

[Academic Resources](#)

[E-learning technical support](#), 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

[Career Resource Center](#), Reitz Union, 392-1601. Career assistance and counseling.

[Library Support](#). Various ways to receive assistance with respect to using the libraries or finding resources.

[Teaching Center](#), Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

[Writing Studio](#), 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

[Student Complaints Campus](#).

[On-Line Students Complaints](#).

◆ **Commitment to a Safe and Inclusive Learning Environment:**

The Herbert Wertheim College of Engineering values broad diversity within our community and is committed to individual and group empowerment, inclusion, and the elimination of discrimination. It is expected that every person in this class will treat one another with dignity and respect regardless of gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:

- Your academic advisor or Graduate Program Coordinator
- Jennifer Nappo, Director of Human Resources, 352-392-0904, jpennacc@ufl.edu
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu.
- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@ufl.edu.