

CEE 8094 Environmental Engineering Seminar

Semester: Fall, 2022

Time: W 03:30 – 4:20 PM

Location: Ford ES&T L1205

Instructor: Dr. Xing Xie, Office: ES&T 3236, E-mail: xing.xie@ce.gatech.edu, Phone: (404) 894-9723

Course description: Environmental Engineering program seminar series about developments in environmental engineering science and technology, current practice, current research, and special topics related to environmental quality assessment and control.

Course Modality: Students are expected to attend the course in person. Attending the course virtually will only be permitted for extremely difficult situations that are considered prohibitive enough and with prior permission from the instructor or proper documents for the institute-approved absence. Course recording will be available.

Course website: <https://canvas.gatech.edu/>

Grading: Pass/Fail

Course Guidelines & Policies: Students are required to sign up each session. Students are allowed to miss two sessions without excuses. Students missing each additional session without prior permission from the instructor or proper documents for the institute-approved absence will be asked to write a 200-word summary after watching the recording of the missed session.

Honor code: Students in this class are expected to abide by the Georgia Tech Honor Code (<http://osi.gatech.edu/content/honor-code>) and to avoid any instances of academic misconduct, including but not limited to: 1) Use of material that is wholly or substantially identical to that created or written by another individual or group (including Plagiarizing); and 2) False claims of performance or work that have been submitted by a student.

Accommodations for Students with Disabilities: If you are a student with learning needs that require special accommodation, contact the Office of Disability Services at (404)894-2563 or <http://disabilityservices.gatech.edu/>, as soon as possible, to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Recordings of class sessions and required permissions: Due to Covid-19 concerns and the increased use of distance learning, our class sessions will be audio visually recorded for use by enrolled students, including those enrolled in Georgia Tech Shenzhen Institute. Class recordings, lectures, and other classroom presentations presented through video conferencing and other materials posted on Canvas are for the sole purpose of educating the students enrolled in the course. Students may not record or share recordings, including screen capturing, unless the instructor states so or individual permission is obtained. Exams and tests may require students to engage the video camera, but those recordings will not be shared with or disclosed to others without consent unless legally permitted. Additional information may be found [here](#). For classes where participation is voluntary, students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. For classes requiring class participation, if students are identifiable by their names, facial images, voices, and/ or comments, written consent must be obtained before sharing the recording with persons outside of students in the class.

Student illness or exposure to Covid-19: During the semester, you may be required to quarantine or self-isolate to avoid the risk of infection to others. Quarantine is the separation of those who have been exposed to someone with Covid-19 but who are not ill; isolation is the separation of those who have tested positive for Covid-19 or been diagnosed with Covid-19 by symptoms. If you have not tested positive but are ill or have been exposed to someone who is ill, please follow the [Covid-19 Exposure Decision Tree](#) for reporting your illness. During the quarantine or isolation period you may feel completely well, ill but able to work as usual, or too ill to work until you recover. Unless you are too ill to work, you should be able to complete your remote work while in quarantine or isolation. If you are ill and unable to do course work this will be treated similarly to any student illness. The Dean of Students will have been contacted when you report your positive test or are told that it is necessary to quarantine and will notify your instructor that you may be unable to attend class events or finish your work as the result of a health issue. Your instructor will not be

told the reason. We have asked all faculty to be lenient and understanding when setting work deadlines or expecting students to finish work, and so you should be able to catch up with any work that you miss while in quarantine or isolation. Your instructor may make available any video recordings of classes or slides that have been used while you are absent, and may prepare some complementary asynchronous assignments that compensate for your inability to participate in class sessions. Ask your instructor for the details.

CARE Center, Counseling Center, Stamps Health Services, and the Student Center: These uncertain times can be difficult, and many students may need help in dealing with stress and mental health. The **CARE Center** and the **Counseling Center**, and **Stamps Health Services** will offer both in-person and virtual appointments. Face-to-face appointments will require wearing a face covering and social distancing, with exceptions for medical examinations. Student Center services and operations are available on the **Student Center** website. For more information on these and other student services, contact the Vice President and Dean of Students or the **Division of Student Life**.

Accommodations for students at higher risk for severe illness with Covid-19: Students may request an accommodation through the Office of Disability Services (ODS) due to 1) presence of a condition as defined by the Americans with Disabilities Act (ADA), or 2) identification as an individual of higher risk for Covid-19, as defined by the Centers for Disease Control (CDC). Registering with ODS is a 3-step process that includes completing an application, uploading documentation related to the accommodation request, and scheduling an appointment for an “intake meeting” (either in person or via phone or video conference) with a disability coordinator. If you have been approved by ODS for an accommodation, I will work closely with you to understand your needs and make a good faith effort to investigate whether or not requested accommodations are possible for this course. If the accommodation request results in a fundamental alteration of the stated learning outcome of this course, ODS, academic advisors, and the school offering the course will work with you to find a suitable alternative that as far as possible preserves your progress toward graduation.

Tentative schedule:

Date	Speaker	Speaker affiliation	Speaker mode
08/24/22	EnvE Faculty	GT	In person
08/31/22	EnvE Faculty	GT	In person
09/07/22	Zhiwu Wang	Virginia Tech	In person
09/14/22	Tyler Richards	DWR Gwinnett	In person
09/21/22	Onur Apul	U Maine	Virtual
09/28/22	Jesse Kroll	MIT	In person
10/05/22	Renzun Zhao	NC A&T SU	In person
10/12/22	Akanksha Menon	GT	In person
10/19/22	Jim Hower	U Kentucky	In person
10/26/22	AEES	GT	In person
11/02/22	Zongsu Wei	Aarhus U	Virtual
11/09/22	Ezra Cates	Clemson	In person
11/16/22	Mei Sun	UNC Charlotte	In person
11/23/22	Thanksgiving break	NA	NA
11/30/22	Paul Westerhoff	ASU	In person