WORKSHOP IN SUSTAINABLE DEVELOPMENT

BACHELOR OF ARTS IN SUSTAINABLE DEVELOPMENT

COLUMBIA UNIVERSITY
COLUMBIA COLLEGE, SCHOOL OF GENERAL STUDIES,
AND THE EARTH INSTITUTE

Syllabus

FALL 2018 SEMESTER

DR. STUART GAFFIN
WORKSHOP SCHEDULE: Fall 2018 Semester
All classes are held in Room TBD from 2:10 PM - 4:00 PM on Tuesday and Thursday unless noted otherwise.


Sept 11/13 First client meetings and preparation.

Sept 18/20 Assessment of client meeting. Frame semester project goals and team assignments, and send to client for approval. Start planning for any fieldwork and begin literature review. Submit first draft of Work Plan.

Sept 25/27 Submit revised draft of Work Plan. Continue to update throughout the semester.

Oct 2/4   Plan logistics for any fieldwork and field trips, and conduct in-class literature review as needed. Begin interviews as necessary.

Oct 9/11 Classes will be conducted under the guidance of the project managers and Work Plan as to how best to apportion time, set, and meet milestones.

Oct 16/18 Dry run for workshop midterm presentation at Columbia.

Oct 23/25 Midterm presentation at Columbia or client’s office. Outline of final report due.

Oct 30/Nov 1 Class goals and discussions to be framed by managers, e.g. progress reports on final presentation and report chapters, literature review, fieldwork reports, photos, etc.

Nov 6   No Class (Election Day)

Nov 8   First draft of report (including all elements of final draft) due to faculty advisor, teaching assistant and client. Request client feedback for 5 days after submission.

Nov 13/15 Classes will be conducted under the guidance of the project managers and Work Plan. Revisions of Work Plan and work on second draft of report.

Nov 20 Second draft of report due to faculty advisor, teaching assistant and client.

Nov 22 No Class (Thanksgiving)

Nov 27/29 Dry run of final presentations at Columbia. Names of final presentation guests who are not members of the Columbia community are due.

Dec 4/6 Last two days of class. Final run-throughs of presentations for client and Columbia Community. Tentative final presentation to Columbia Community.

Dec 11/13 Study Days; Tentative final client presentation scheduled by team managers; handover of final report.

Recommended Reading: The Team Handbook. Scholtes et al, 2003. (Can be found in the Columbia Library)
A. Project Outputs and Key Deadlines (subject to change)

The outputs required for the workshop include:

1. Work Plan (due September 20th by end of class at 4:00PM)
2. Work Plan revised (due September 27th by end of class at 4:00PM)
3. Report outline (October 25th)
4. Mid-term presentation to the client and class (October 23rd or 25th during class time)
5. First draft of final report (November 8th)
6. Second draft of final report (November 20th)
7. Final presentation to the class and Columbia community (tentatively, December 6th)
8. Final client presentation (tentatively, December 11th or 13th)
9. Final report for client distribution (tentatively, December 13th)

ALL project outputs (including presentation slides) should be submitted to Faculty Advisor and TA via email. The final presentation will also need to be emailed to Cari Shimkus (cshimkus@ei.columbia.edu).

B. Faculty Advisor: Stuart Gaffin, Ph.D.

Dr. Stuart Gaffin is a Research Scientist at the Center for Climate Systems Research, Columbia University. Prior to joining Columbia in 2001, he was a senior scientist in the Atmosphere Program at the Environmental Defense Fund, NYC from 1989. His Ph.D. was in Atmospheric and Paleoclimate Studies from the former Earth Systems Group at New York University. His current and recent areas of research include: (i) the urban heat island effect and the role of high-albedo and urban vegetation/green infrastructure (especially green roofs) as mitigation strategies; (ii) applications of New York city regional climate impacts including temperature, precipitation, extreme events and sea level rise; (iii) greenhouse gas emissions scenarios and their relation to regional population changes and (iv) downscaling and high-resolution projection techniques for socio-economic projections including population and GDP growth

Office hours:
By appointment. Contact Dr. Gaffin to arrange meeting time and place.

Contact:
srg43@columbia.edu | 917.865.4421

Teaching Assistant: Lindsay Horne

Lindsay is a 2nd year graduate student, earning her MPA in Development Practice at Columbia SIPA. Before pursuing her graduate studies, Lindsay served as a Peace Corps volunteer for 27 months in Costa Rica. She taught English at a Bilingual High School, worked on various projects, and played an integral role in the facilitation of Costa Rica’s First National English Festival. After Peace Corps, she went on to serve as Team Leader with AmeriCorps NCCC in the Southwest region, working on projects ranging from youth development to environmental stewardship. She is passionate about Sustainable Development as a whole, with interests in urban planning and climate resiliency. Office hours by appointment, contact Lindsay to arrange.

Contact:
lh2861@columbia.edu | 516.849.5344

Client: The Friends of the High Line | www.thehighline.org

Client Contact: Nicole De Feo
Planning & Design Manager
Nicole.de_feo@highline.org | 646-774-2522

Client: The Jacob Javit Center | www.javitscenter.com

Client Contact: Rebecca Marshall
Energy and Sustainability Manager
rmarshall@javitscenter.com | 212-216-2364