

MATERIALS_

“HOW CAN WE ASSEMBLE WITH MATERIALS TO DESIGN RESILIENT URBAN FUTURES?”

> NO ZERO POSTER

SPECIFICATIONS FOR SUBMISSION/PRESENTATION

Choose a material/object that exists in New York City (list of options below, if you want to work with a different material you must get approval in advance). Translate this material into a complex systems poster, mapping its movements and flows with other materials and humans in New York. **The final project should take the form of a poster that is 18" x 24".** The poster can include hand drawings, but they should be scanned and the **poster must be printed via a plotter or professional printer.** Your design should be a **visual story and explanation of how this object/material assembles with other materials and flows in New York, some of which can be invisible to humans.** **Label at least 15 interactions on your poster — such as humans, transportation, methods of production, other materials, forces of time, waste, and infrastructure.**

Questions to consider:

- What is this material composed of?
- Where is it manufactured or what processes create it?
- Where does it move in New York? How is it transported? Where is it distributed?
- What scales of time does it involve? What is its geologic base?
- What is its system? (cultural, social, economic, environmental, political etc.)
- How do humans interact with it?
- What other nonhuman forces (weather etc.) affect and assemble with it?
- What energy does it take to produce it?
- How is this material an "event"?
- How might this material be more resilient in the future?

> MATERIAL_OPTIONS

Object from NYC garbage
Object from NYC recycling
Object from NYC compost
NYC tap water
Food object from Union Square greenmarket (choose a farm or company)
Food object from a restaurant or grocery store
NYC sewage
A fossil fuel (choose one: coal, natural gas, heating oil, gasoline, crude oil etc.)
A fabric or textile material
Nuclear power generated at Indian Point (Buchanan, New York)
A construction material (choose one: wood, concrete, glass, stone etc.)
Methane generated at Fresh Kills landfill (Staten Island)
Carbon dioxide generated in NYC
Steam energy in NYC

SUBMISSION: Research and first draft due to present in class on **MARCH 5th**
FINAL POSTER 18" x 24" is due March 12th. Project should be submitted both in print and posted to Canvas before class on March 12th.