

A photograph of the Washington Square Archway in New York City at night. The archway is illuminated with warm yellow lights, highlighting its classical architectural details, including the pediment with inscriptions and the large central arch. The background shows a dark blue night sky, a tall building to the left, and trees and streetlights to the right.

WASHINGTON SQUARE PARK *INTERACTIVE SONG*

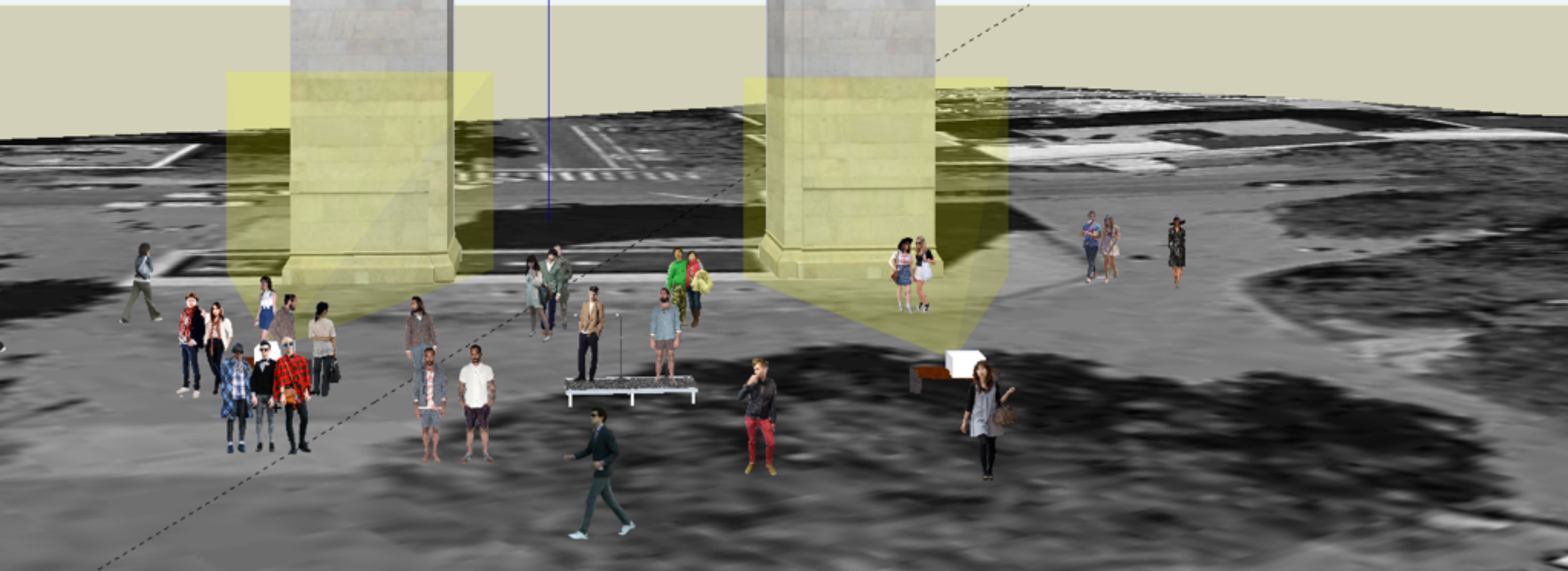
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Interactive Spaces
Assignment 5



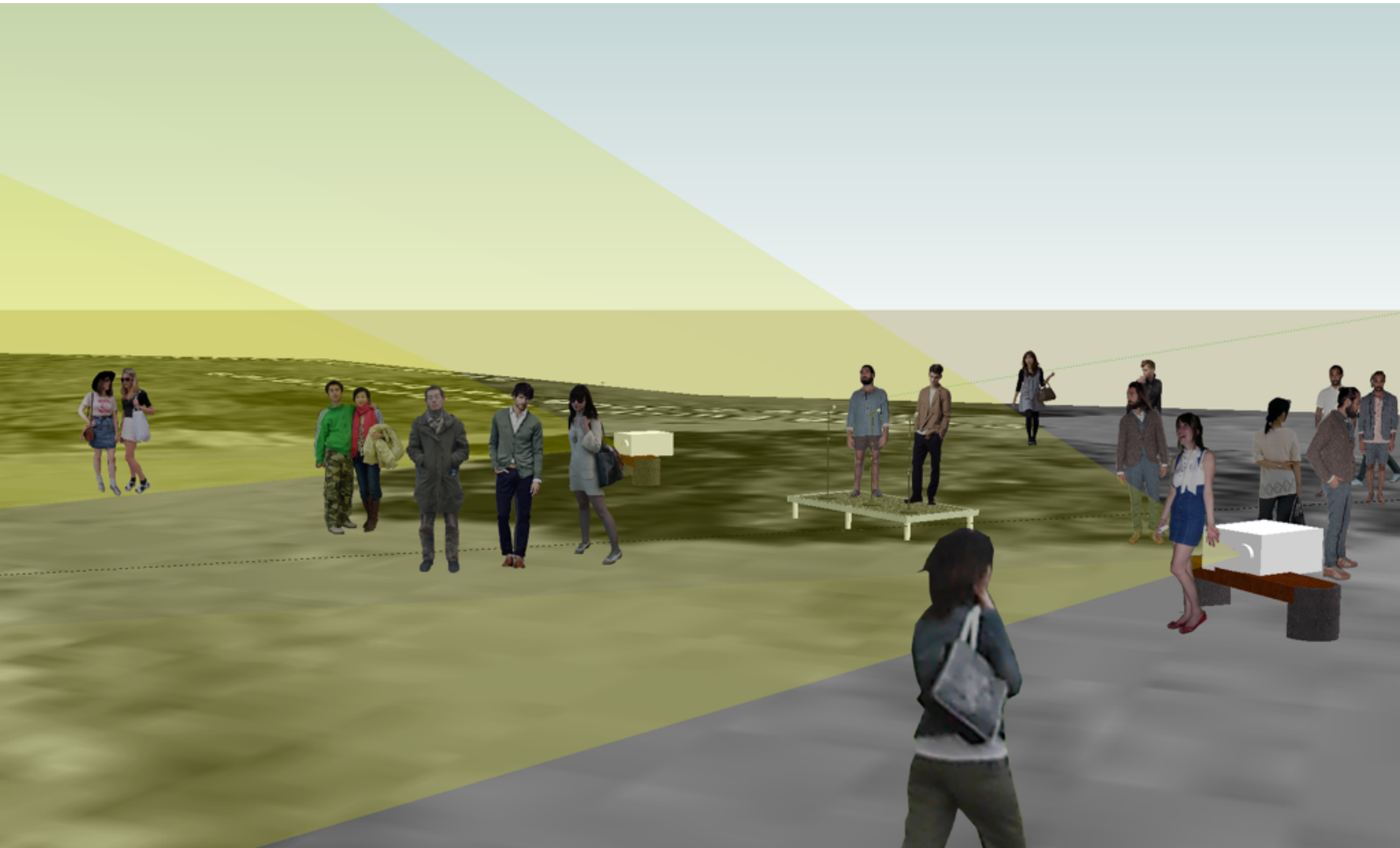
INTERACTIVE SONG: What if you could *see* your voice?

WSP Sings:

- Platform is setup as a small stage with four microphone stands
- People can sing/talk into the microphones
- Their voices are translated into beautiful imagery that is projected onto WSP Arch



People passing by in WSP can step on the platform and use the microphones to see their voices projected on the arch





Waveforms show a more scientific visualization of one person's voice

When many people
start singing the
whole arch gets
mapped with
different color
textures





The projectors are about 40ft from the arch resting on a set of benches.

Assuming a throw distance of 40ft and max zoom ratio of 1.8, the projected image would be 22.2' x 16.6'

A special device may need to be built to allow the projectors to dynamically move for 2 modes: 1) to map the whole arch and 2) to map the top or just the sides.