

What are the **criteria for exclusion** for potential participants, e.g. age ranges, country of birth or native language, medical status, grade in school, membership in a particular organization, marital or parental status?

Since the protocols include interacting with 3D environments, only adults that are familiar with current technologies and have a BS degree (or pursuing one) will be included in the study to eliminate additional time for trainings for 3D virtual environments. The participants are expected to be 18-64 years old, from any nationality, expected to speak English regardless of their native language. We will not differentiate the participants in the user-studies with respect to their medical status, marital/parental status, or membership to any particular organization.

The subjects for the ethnographic studies will be from a pool of transportation professionals from city and state Department of Transportation (DOT) for NY and NJ and any professional transportation engineers working in the private organizations. Any member of participating agencies will be eligible to participate in the ethnographic study. Again, the participants for the ethnographic studies are expected to be 22-64 years old, from any nationality, expected to speak English regardless of their native language. We will not differentiate the participants in the user-studies with respect to their medical status, marital/parental status, or membership to any particular organization. Since we are looking for transportation professionals to be part of the ethnographic studies, we are looking for a BSc in Civil/Environmental/Urban/Transportation engineering or related fields.

*required

Will participants be screened to determine eligibility?

For instance, will participants complete a screening survey or will participants' identifiable private information be used to determine eligibility?

Yes

✓ No

Participant Identification, Recruitment, & Selection

*required

Describe how potential participants will be identified, e.g., advertising, individuals known to investigator, record review. Use of one's own students or employees is strongly discouraged. Explain how investigator(s) will gain access to the population, as applicable.

The research team will use a recruitment flyer to invite participants for user tests. The participants for the user tests are from NYU staff, faculty, and students from departments. The team will work with each department's head/chair to get permission to distribute the flyer via email and posts. The flyer will include the subject exclusion criteria listed above to make sure that the right people are recruited. For ethnographic studies with transportation professionals, an email letter will be sent to all participants in the participating organizations (see attached). We will reach out to companies and state and local DOTs through the C2SMART center. The center's partners will be the initial pool of organizations to reach out for participation. Once there is interest from the partners, we will ask them to distribute the email letter to their employees to participate in the ethnographic study.

*required

Describe the recruitment process, including the setting in which recruitment will take place. Explain how the process respects potential participants' privacy. ***Attach copies of proposed recruitment materials below, e.g., ads, flyers, website postings, recruitment letters, videos/digital recordings and oral/written scripts.***

The research team will use recruitment flyers to inform about the opportunity to participate for user studies. Hard copy flyers will be hung on NYU campus buildings and will be shared digitally with NYU faculty, students and staff via email to invite participants to user tests.

*required

Recruitment Materials

*******MUST BE PDF DOCUMENT WITH ONE INCH MARGIN AT BOTTOM OF EACH PAGE*******

Upload copies of proposed recruitment materials, e.g., flyers, website postings, recruitment letters, email text, oral scripts. Upload a blank document if you are only analyzing secondary data without obtaining consent.

[Recruitment Letter - experts.pdf](#)

[RecruitmentLetter-User studies.pdf](#)

Compensation for Participants

*required

Will participants receive compensation for participating in the research , e.g., free services, cash payments, gift certificates, parking, classroom credit, travel reimbursement? ***Compensation plans should be pro-rated, i.e., not contingent upon study completion, and should consider participation withdrawals, as applicable.***

Yes

✓ No