

The Future Ground: Urban Planning Under Climate Uncertainty

Supriya Krishnan, Resilience Lab, TU Delft, Netherlands s.krishnan@tudelft.nl

Consent form

You are invited to participate in this research study and review the following project information sheet. Please reach out to the contact person for any clarifications or further information regarding your participation.

I, the participant, herewith agree that:

- I have read and understood the study information.
- I have had enough time to decide about my participation.
- I participate in this study voluntarily and may cancel my participation at any time without specifying reasons and without any disadvantages.
- the responsible investigators/researchers,
 - will collect, use, and process my personal data for research purposes.
 - will store my personal data in a secured server located at TU Delft.
- the information I will share may be archived at 4TU.Centre for Research Data and it can be used for future research and learning.
- I may access, correct and/or withdraw consent to the use and disclosure of my personal data that was collected from me in the study for the above purposes, at any time, without having to justify my decision. The contact person for such requests and any other queries relating to how my personal data is collected, used and/or disclosed is given below in the information sheet.
- in the case of any requests or investigations made by law enforcement or by any government authority, principal investigators may disclose my personal data to the aforementioned parties upon their request or direction.

This study was approved by TU Delft Human Research Ethics Commission.

Name

Signature

Place/Date

(alternatively, a recorded verbal consent may be granted during the interview)

Project Information Sheet

Study title: The Future Ground: Urban Planning Under Climate Uncertainty

Conducting person: Supriya Krishnan

Place: Online or in-person adhering to guidelines set out by RIVM (Netherlands) and MOHFW (India).

Responsible investigators/researchers:

Supriya Krishnan

TU Delft/ Faculty of Technology, Policy and Management

Department of Multi-Actor Systems

Email: s.krishnan@tudelft.nl

Phone: +31 644 358 308

Dr. Tina Comes
TU Delft/ Faculty of Technology, Policy and Management
Engineering Systems and Services
Email: t.comes@tudelft.nl

Dr. Nazli Aydin
TU Delft/ Faculty of Technology, Policy and Management
Department of Multi-Actor Systems
Email: n.y.aydin@tudelft.nl

Research partners: Delft University of Technology, AMS Institute, Coalition for Disaster Resilience Infrastructure (CDRI)

Contact person:
Supriya Krishnan

What is the purpose of this study?

To design and test a methodology for urban planning under long-term climate uncertainty.

What is investigated and why?

How urban planners account for long-term climate risks and uncertainties while preparing urban planning strategies. Participants will be invited to answer a series of questions through semi-structured interviews to reflect on the following:

- the requirements and constraints faced by city planning authorities and experts while charting goals to manage long-term climate risks and uncertainties.
- the variables and values that guide long-term urban planning actions (climatological, environmental, cultural, socio-economic and technological).

What will my participation be used for?

Your participation will be used to provide inputs to the following:

- an overview of urban planning under climate change.
- requirements and constraints in urban planning for climate risks
- accounting for evolving risks and uncertainties in urban planning.
- how can planning be made more flexible to account for interconnected risks.
- the role of land-use, zoning and environmental regulations.
- use of innovative planning techniques, pilot projects, resilience and adaptation frameworks.
- climate forecasts and databases used.
- lessons learnt and provide best practices.

Additionally, the information that you provide may be used to write articles for peer-reviewed journals/magazines/blogs and online portals, and for presentations at conferences, and workshops. In all channels, unless indicated otherwise, all information that could either directly or indirectly identify you will be anonymized.

Data collection

Which data are collected?

Data collected through interviews may include details on urban planning and urban resilience strategies, planning regulations and guidelines, information on special initiatives, infrastructure projects, databases utilized, etc.

Personal data collected will include name, email, job designation, age range and organization of the participant. This will be strictly for internal processing and to enable us to contact you if we require further information. Your details will be kept for a maximum period of 24 months following the end of the research project. Unless clarified otherwise, no information will be published in reports or communications materials that would enable you to be directly or indirectly identified.

How will my data be collected?

The interviews will be audio recorded with due consent from the participants. No video recordings will be made as far as possible. The recordings will be stored securely and care will be taken to ensure that any publication that emerges from this data would not enable you to be directly or indirectly identified. You may choose to not be recorded and may inform the interviewer accordingly. The recordings will be destroyed within 1 year after the completion of the interview or once they are fully transcribed (whichever is sooner).

How are my data stored?

Your personal data will be stored in a secured server located in a secure location at the TU Delft. The responsible researchers mentioned above will collect and process the data for research purposes. Your personal data will be stored and shared only in an anonymized form. In anonymized form, means that you cannot be identified from such data. It will be destroyed after the results are processed.

Is any sensitive information collected?

No sensitive data will be collected. Sensitive personal data relates to specific categories of data which are defined as data relating to a person's racial origin; political opinions or religious or other beliefs; physical or mental health; sexual life; criminal convictions or the alleged commission of an offence; trade union membership.

Are there any costs? Will I be paid?

No.

Are there any risks or benefits?

There are no risks involved from taking part in this study. In any case, if you choose to participate, you may discontinue should you feel uncomfortable at any time. There is no direct personal benefit to individuals who participate in this study, except that they will be part of an effort that helps researchers better understand the subject matter and enable practitioners to improve planning processes.

This research project works on improving urban planning processes for climate change in complex environments. This is an important subject, both scientifically and in order to adhere to the Sustainable Development Goals (SDGs), Paris Agreement and the Sendai Framework. Your intellectual contribution will go a long way in enriching this methodology that will inform urban planning authorities.

What are my rights to the data?

You may access, correct and/or withdraw consent to the use and disclosure of your personal data that was collected from you in the study for the above purposes, at any time, without having to justify your decision. The contact person for such requests, or any other queries relating to how your personal data is collected, used and/or disclosed, is given above.

What are my rights during participation?

Your participation in this study is voluntary. You may cancel your participation at any time without specifying reasons and without any disadvantages.

How much time will I be expected to invest?

The total duration required to complete your participation is approximately 60 minutes. Any follow ups will be mutually agreed upon based on the requirements that emerge from the first interaction.

Who funds the study?

This project has been funded by TU Delft Technology Fellowship.

Who examined the study?

This study was approved by the TU Delft Human Research Ethics Commission.
