UNIVERSITY OF CALIFORNIA, IRVINE
CONSENT TO ACT AS A HUMAN RESEARCH SUBJECT

Building Petro-Public Knowledge Infrastructure: Transnational Activism after the Shale Gas Boom,

Lead Researcher
Tim Schuetz
Anthropology
(+1) 949 981 6309, tschuetz@uci.edu

Faculty Sponsor
Kim Fortun
Anthropology
(949) 824 0376, kfortun@uci.edu

STUDY LOCATION(S):

United States and Taiwan

STUDY SPONSOR(S):

Social Science Research Council

SUMMARY OF KEY INFORMATION:

The information provided in this box includes a brief yet complete summary of key information about the research, presented first as required by the federal regulations. Some sections that require additional information may be repeated later in this document.

Participation is Voluntary
You are being asked to participate in a research study. Participation is completely voluntary. Please read the information below and ask questions about anything that you do not understand. A researcher listed above will be available to answer your questions.

Study Purpose

The purpose of this research study is to help academic researchers and other stakeholders (in government, non-profit and community organizations, schools, labor unions, the health sector and business) understand the elements and impacts of civic data systems, tools, and archives, as well as possible pathways to environmental sustainability, health equity and inclusive prosperity. The study will include research subjects with roles in government, community-based organizations, environmental advocacy organizations, industry, environmental media outlets, and scientific research. The goal is to understand how differently positioned stakeholders use and understand civic data and knowledge infrastructures in light of the petrochemical industry's ongoing expansion.

Study Procedures
This is an anthropological, ethnographic study. Key data for this study will be collected through 1) review of documents related to environmental data and governance produced by government agencies, community-based organizations, environmental advocacy organizations, media outlets and scientists 2) participant observation of public events related to environmental governance 3) open-ended qualitative interviews with people who have been involved in environmental governance through work in government agencies, community-based organizations, environmental advocacy organizations, environment-focused media, and scientific research. Interviewees will be asked questions about the roles they have played in environmental governance, data collection, and about their vision for improved environmental governance.

Expected Duration
Interviews will be approximately 30-60 minutes long. The possibility of follow-up interviews will be discussed at both the beginning and end of the first interview and would be of the same duration. Follow-up interviews are completely voluntary and will be scheduled according to your availability and preferred time. There is no limit as to how often you are allowed to be interviewed for this study.

Risks of Participation
This research poses minimal or no risk to participants beyond those of normal life. There is minimal risk of reputational damage or breach of confidentiality, which the research team will actively work to prevent. If you choose to remain anonymous, personal identifiers will be redacted from recordings and transcripts of interviews with you before they are archived in the research project's digital work space. If you want to be identified, you will have the option to be known just to research team members (all of whom have research ethics certification) or to be identified in publicly accessible recordings, transcripts and other documentation associated with your participation in the study.

Benefits to Participants
You will not directly benefit from participation in this study; however, the interview topics may enhance your understanding of environmental injustice, data, and governance.

HOW MANY PEOPLE WILL TAKE PART IN THIS STUDY?
This study will enroll approximately 60 participants.

AM I ELIGIBLE TO PARTICIPATE IN THIS STUDY?
You are being invited to participate because you are an adult (21 or older), speak English, and have experience in environmental governance through your role in government, community-based organizations, environmental advocacy organizations, media or scientific research.

WHAT PROCEDURES ARE INVOLVED WITH THIS STUDY AND HOW LONG WILL THEY TAKE?

I am conducting open-ended qualitative interviews with people who have been involved in environmental governance through work in government agencies, community-based organizations, environmental advocacy organizations, environment-focused media, and scientific research. You will be asked questions about the roles you have played in environmental governance, and about your vision for improved environmental governance. Interviews will be approximately 30-60 minutes long. The possibility of follow-up interviews will be discussed during the first interview and would be of the same duration. Interviews and possible follow ups will be conducted in a location that is convenient and comfortable for you (a room in a public library reserved for the study, for example).

If you participate in a recorded interview, you can decide if the interview will be recorded, if the recorded interview is made public, and if your name or other personal identifiers will be associated with the interview or any documentation you give us. If you agree to be interviewed, I will ask you to sign the consent form below.

You may also be asked to share documentation that conveys your experiences or perspectives. If you agree to have your documentation included in the study's archive, I will ask you to sign a form for my records confirming that you are the owner of the documentation, that you want it to be archived for research purposes, and whether you want it to be either publicly accessible or accessible only to the research study team. If you do want your name to be associated with the documentation that you provide, I will ask you to sign the Personal Identifier Release Form.

WHAT ARE THE POSSIBLE DISCOMFORTS OR RISKS RELATED TO THE STUDY?

This research poses minimal or no risk to participants beyond those of normal life. There is minimal risk of reputational damage or breach of confidentiality, which the lead researcher will actively work to prevent. If interviewees chose to remain anonymous, personal identifiers will be redacted from interview recordings and transcripts before they are archived in the lead researcher's digital work space. If interviewees agree to be identified, they will be given the option to be known just to lead researcher's colleagues or archiving team members (all of whom have research ethics certification) or for identifiers to be retained in publicly accessible recordings and transcripts. Research data for this study will be restricted to the research team based on the preference of the research subject/organization as recorded on the informed consent form. The digital infrastructure used for this study supports both the public availability and restriction of research data as needed. In rare circumstances, authorized UCI personnel, and regulatory entities such as the Office of Human Research Protections (OHRP) will have access to study records to protect the safety and welfare of research subjects, While the lead researcher will make every effort to keep personal information research subjects confidential if that is requested, it is possible that an unauthorized person might see it. The lead researcher cannot guarantee total privacy.

WILL I BE PAID FOR TAKING PART IN THIS STUDY?

Compensation
You will not be compensated for your participation in this research study.

Reimbursement
You will not be reimbursed for any out of pocket expenses, such as parking or transportation fees.

Costs
There is no cost to you for participation in this study.

WHAT HAPPENS IF I WANT TO WITHDRAW CONSENT TO USE IDENTIFIABLE PERSONAL INFORMATION?

You are free to withdraw your consent to use your identifiable personal information for future research at any time, but there are some limitations. If you withdraw your consent, the researchers will not use your information in future research studies. If identifiable personal information has already been published, it will not be possible to withdraw it. The research team will make every effort to honor the requests of interviewees regarding the privacy or sharing of the information they provide.

HOW WILL MY PERSONAL INFORMATION BE KEPT?

Subject Identifiable Data
If you choose to remain anonymous, personal identifiers will be redacted from interview recordings and transcripts before they are archived in the research project's digital work space. If interviewees agree to be identified, they will be given the option (indicated on the consent form) to be known just to research team members (all of whom have research ethics certification) or for identifiers to be retained in publicly accessible recordings and transcripts.

Data Storage
When first collected, research data (audio, video, photographic, written) will be stored electronically on a laptop computer or other electronic device in an encrypted, password protected file. Within ten days after data is collected, it will be transferred to the research team's digital work space, at https://disaster-sts-network.org/ and https://theasthmafiles.org/, where data can be restricted to a particular research group, or made publicly accessible. The digital workspace of this project is supported by the Platform for Experimental Collaborative Ethnography (https://pece-project.github.io/drupal-pece/), a software system which has been reviewed by research data presentation and privacy specialists.

Data Retention
The researchers plan to store your research data indefinitely, in a manner that is either fully publicly accessible or only accessible to the research team, depending on your preference (as indicated on the release form). If you prefer for your data to be deleted after the active study period (December 2023), this also can be indicated on the release form.

Who Will Have Access to My Study Data?
Research data for this study – including interview data – will be either fully publicly accessible or only accessible to the research team, depending on the preference of interviewees, as indicated on the release form. In rare circumstances, authorized UCI personnel, and regulatory entities such as the Office of Human Research Protections (OHRP) will have access to your study records to protect your safety and welfare. While the research team will make every effort to keep your personal information confidential if that is requested, it is possible that an unauthorized person might see it. I cannot guarantee total privacy.

ARE THERE OTHER ISSUES TO CONSIDER IN DECIDING WHETHER TO PARTICIPATE IN THIS STUDY?

Investigator Financial Conflict of Interest
No one on the study team has a disclosable financial interest related to this research project.

Future Research Use
Researchers will use your information to conduct this study. Once the study is done using your information, we may share them with other researchers so they can use them for other studies in the future. We will not share your name or any other private identifiable information that would let the researchers know who you are. We will not ask you for additional permission to share this de-identified information.

I am committed to open science and research data sharing. When interviewees consent, their interview recordings and transcripts will be archived and open for use by other researchers – with or without personal identifiers, per their preference (as indicated on the release form).

Future Contact
The study team would like your permission to contact you for future research. Please initial your level of permission below:

_____ Yes, UCI researchers may contact me in the future to ask me to take part in other research studies.

_____ No, UCI researchers may **not** contact me in the future to ask me to take part in other research studies.

WHO CAN ANSWER MY QUESTIONS ABOUT THE STUDY?
If you have any comments, concerns, or questions regarding the conduct of this research, please contact the research team listed at the top of this form.

Please contact UCI Institutional Review Board by phone, (949) 824-6662, by e-mail at IRB@research.uci.edu or at 160 Aldrich Hall, Irvine, CA 92697-7600, if you are unable to reach the researchers listed at the top of the form and have general questions; have concerns or complaints about the research; have questions about your rights as a research subject; or have general comments or suggestions.

What is an IRB? An Institutional Review Board (IRB) is a committee made up of scientists and non-scientists. The IRB's role is to protect the rights and welfare of human subjects involved in research. The IRB also assures that the research complies with applicable regulations, laws, and institutional policies.

HOW DO I AGREE TO PARTICIPATE IN THIS STUDY?
You should not sign this consent form until all of your questions about this study have been answered by a member of the research team listed at the top of this form. You will be given a copy of this signed and dated consent form to keep. **Participation in this study is voluntary.** You may refuse to answer any question or discontinue your involvement at any time without penalty or loss of benefits to which you might otherwise be entitled. Your decision will not affect your future relationship with UCI or your quality of care at the UCI Medical Center.

____ Yes, I agree to allow the research team to audio record my interview.
____ No, I do not agree to allow the research team to audio record my interview.

____ Yes, I agree to allow the research team to video record *(the study procedures/my interview/etc.)*
____ No, I do not agree to allow the research team to video record *(the study procedures/my interview, etc.).*

Your signature below indicates you have read the information in this consent form and have had a chance to ask any questions you have about this study.

I agree to participate in the study.

_____ _____
Subject Signature **Date**

_____
Printed Name of Subject

_____ _____
Signature of Person Obtaining Informed Consent **Date**
(For research that is greater than minimal risk, this individual must be listed on Page 1 of this consent)

_____
Printed Name of Person Obtaining Informed Consent