

The background is a dark blue gradient with vertical light blue streaks and a bokeh effect of yellow and green light spots. A central black rounded rectangle contains white text. On either side of the rectangle, there are white circuit board traces with circular nodes.

TECHNICAL ADVISORY GROUP

DESIGN TEAM

UPDATE

1ST TAG DESIGN TEAM MEETING

JANUARY 14TH, 2020

- 15 attendees; 2 hrs
- Our understanding of aims and process
- Decided on Categories of Expertise:
 - **Monitoring / Atmospheric Science / Data Analysis**
 - **Emission Sources**
 - **Environmental Justice**
 - **Environmental Law**
 - **Public Health**
 - **Policy**
 - **Land Use**
- Suggested names of potential candidates for each category

2ND TAG DESIGN TEAM MEETING

FEBRUARY 3RD, 2020

- 12 attendees; 2 hrs
- Decide on 2-3 potential candidates for each category (as a backup)

In the next slides is an update as of February 11th, 2020 of potential TAG members who've agreed to be on our TAG

POLICY



EDF
ENVIRONMENTAL
DEFENSE FUND
Finding the ways that work

Careers • Offices • Contact us • For the media

Our work How we get results How you can help **About us** News and blogs

[Donate now](#)

Home > About us > Our people > Fern Uennatornwarangoon

Fern Uennatornwarangoon

Manager, Air Quality Policy

[Work](#) [Background](#)

Areas of expertise: Community advocacy, air pollution, goods movement, environmental policy, air quality regulation, partnerships

Fern is an Air Quality Policy Manager in the Office of Chief Scientist. In her role, she works with community groups, local air quality experts, regulators and scientists to develop and implement policies and advocacy strategies to reduce air pollution and human exposure to it. She also works to build innovative partnerships for air quality improvement projects in transportation and goods movement sector.



[Work](#) [Background](#)

Prior to joining EDF, Fern worked as a Policy Associate in the City of Oakland Mayor's Office where she helped to develop transportation and infrastructure policies, with an emphasis on equitable planning principles. Fern has also worked at the Rockefeller Foundation's Asia Office, where she helped to implement a multi-country climate resilience initiative.

Education

- Master of City Planning, University of California, Berkeley
- MPhil, Industrial Systems, Cambridge University, UK
- B.A. (Hons), Philosophy, Politics and Economics, Oxford University, UK

LAW



ABOUT US ~

PAUL CORT

Staff Attorney



Paul Cort is a staff attorney in the [California regional office](#) in San Francisco, CA. He received his bachelor's and master's degrees from the Massachusetts Institute of Technology in civil and environmental engineering, and his J.D. from the University of Michigan in 1996.

Prior to joining Earthjustice, Paul was an attorney with the U.S. Environmental Protection Agency's Office of General Counsel in Washington, D.C. and, more recently, Office of Regional Counsel for Region 9 in San Francisco.

Paul came to Earthjustice in 2005 and focuses on air pollution matters, specifically in the San Joaquin Valley. Paul is also an adjunct professor at UC Hastings where he teaches an environmental law clinic.

Paul lives in San Francisco with his wife, two daughters and their dog, Wallace.

PUBLIC HEALTH

Paul English, PhD, MPH

| Branch Science Advisor



CONTACT

PEnglish@dhs.ca....

PROGRAMS

[Tracking California](#)

biography

projects

publications

expertise

Paul English, PhD, MPH, is state environmental epidemiologist and branch scientific advisor for the Environmental Health Investigations Branch at the California Department of Public Health (CDPH).

English has more than 15 years of experience working in environmental public health for the CDPH. He focuses on the public health impacts of climate change, spatial epidemiology, environmental health issues at the U.S.-Mexico border, environmental links to asthma (in particular, exposure to traffic pollution) and adverse reproductive outcomes.

English was a World Health Organization advisor contributing to a systematic review of health indicators of climate change and has assisted local government and health agencies in India on heat preparedness.

Over the last seven years, English has served as principal investigator of the California Environmental Health Tracking Program, which takes a community-based approach to develop surveillance and biomonitoring systems for environmental hazards, exposures and environmentally related chronic disease. He has been dedicated to responding to community needs and concerns regarding environmentally related disease by integrating environmental epidemiology, health education, community participation, geographic information systems and spatial methodologies, and health policy.

English received his master's and doctorate degrees from the University of California, Berkeley.

ENVIRONMENTAL JUSTICE

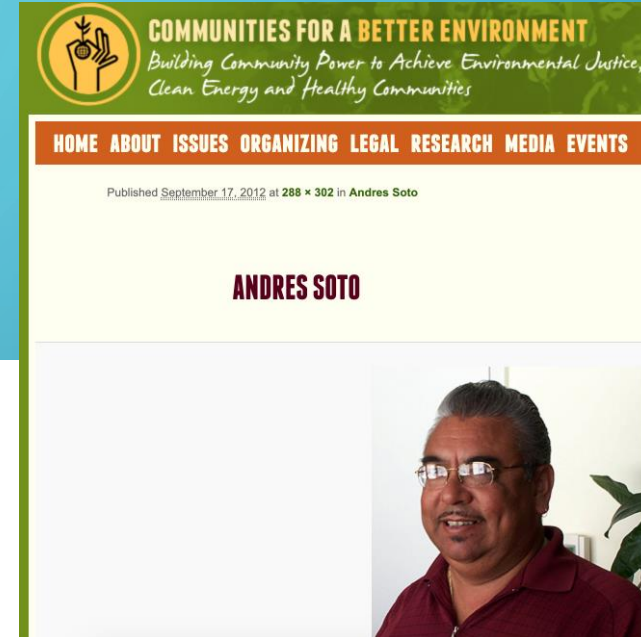
Richmond Organizer

Communities for a Better Environment

Jul 2012 – Present · 7 yrs 8 mos

Richmond, CA

Responsible for developing membership base in the Richmond and North Richmond communities, facilitate core steering committee, distribute information to members and public, develop media strategies, represent CBE in media interviews in English and Spanish, liaison with community allies, develop and advocate for local, state and regional policies to improve environmental quality and health and sustainable economic development.



AIR TOXICS EMISSIONS



Todd Tamura · 3rd

President, Tamura Environmental, Inc.

Specialties: Air pollution and greenhouse gases

Experience



Planning Commissioner

County of Sonoma

Aug 2016 – Present · 3 yrs 7 mos

Santa Rosa, CA



President

Tamura Environmental, Inc.

Jan 2005 – Present · 15 yrs 2 mos

Petaluma, California

Focus has largely been on emissions quantification and regulatory applicability/auditing/analyses. Extensive work with oil industry.



Supervising Seller Doer

Tetra Tech

Apr 2005 – Sep 2015 · 10 yrs 6 mos

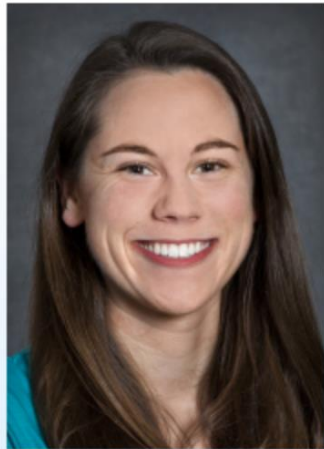
Petaluma, CA

Part-time employee; responsible primarily for projects related to emissions quantification and regulatory analyses. ARB-certified GHG lead verifier.

AIR MONITORING



ENERGY TECHNOLOGIES AREA



Chelsea Preble

Affiliate

Sustainable Energy Systems
Group

Sustainable Energy &
Environmental Systems
Department

Transportation Initiative

Energy Analysis & Environmental
Impacts Division

Chelsea is a Postdoctoral Researcher in the Kirchstetter Lab. She received her PhD in Environmental Engineering from UC Berkeley in 2017. Her research interests include characterizing in-use emission sources and their controls, developing community-based air quality sensor networks and evaluating the real-world emissions impacts of new regulations and alternative energy technologies.

NEXT STEPS:

- Steering Committee approves current candidates
- TAG design teams recruits more candidates for air monitoring and land use
- TAG design team meets to discuss:
 - TAG work processes – leadership, meeting schedule, communication with SC, responsibilities and commitments, etc.
 - First TAG meeting - location, date, topics
 - MOU between TAG members and SC

TECHNICAL ADVISORY GROUP

Candidates that have agreed to work with us:

- **Monitoring:** Chelsea Preble, Lawrence Berkeley National Lab
- **Emissions:** Todd Tamura, Tamura Environmental Inc.
- **Environmental Justice:** Andrés Soto, Communities for Better Environments
- **Public Health:** Paul English, Environmental Health Investigations Branch, California Department of Public Health
- **Policy:** Fern Uennatornwarangoon, Environmental Defense Fund
- **Environmental Law:** Paul Cort, EarthJustice