

Engagement Strategies for Drought & Health

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EXTREME WEATHER, HEALTH AND COMMUNITIES: INTERDISCIPLINARY ENGAGEMENT STRATEGIES

[HTTP://WWW.SPRINGER.COM/US/BOOK/9783319306247](http://www.springer.com/us/book/9783319306247)

How Local Voices are Heard

IAP2 Spectrum of Public Participation



International Association
for Public Participation

Increasing Level of Public Impact

**Public
participation
goal**

Inform

To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

Consult

To obtain public feedback on analysis, alternatives and/or decisions.

Involve

To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.

Collaborate

To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.

Empower

To place final decision-making in the hands of the public.

Mission of Stakeholder Engagement

Create an environment so that people are empowered to connect with each other. One that is lasting, collaborative, and has communication



Picture 1: NASA GHA Stakeholders engaged in discussing drought impacts on their water supply systems and the best way to mitigate them with various early warning information sources. (2015)



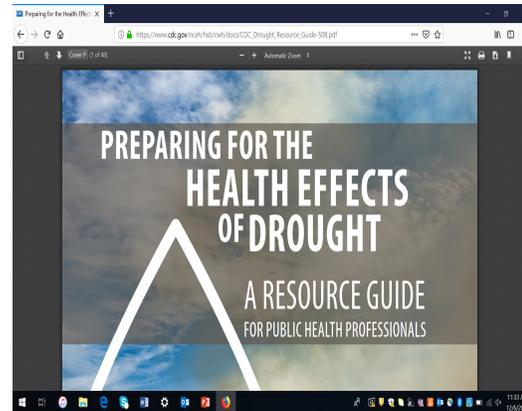
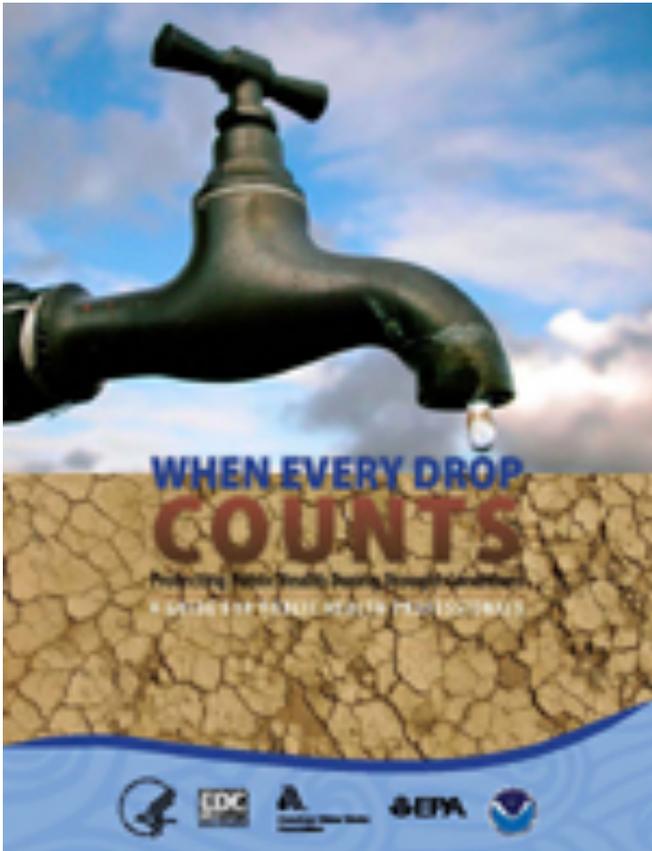
Participatory Research: *A collaborative approach to research that bridges the gap between scientific knowledge and experiential knowledge.*

Pictures 2 & 3: California and Nevada Stakeholders engaged in conversation mapping. (NIDIS DEWS CA-NV Workshop, June 2017)

Featured Question: "When does Dry become Drought?"



Current & Future Work with Partners



National and International Drought & Health Committee with the support of NIDIS

Integrating the latest research and outreach related to drought & health into U.S. regional and international drought early warning systems

Assistance in the updating and dissemination of information related to drought and health materials for health professionals (California, February 2019), not just in the US but also into the hand of those internationally

[Link](#) to CA Public Health and Drought Workshop Materials:

<https://www.drought.gov/drought/calendar/events/preparing-health-effects-drought-california-climate-action-team-public-health>

AFTERNOON DISCUSSION 1:
(Facilitators: Keith, Rachael, Azar, & Jesse)

Day 1 Theme: Drought and Health Research Needs

**10-15 Participants at each Table,
Rotations to each every 15 minutes, 15 min Report Out**

What is most needed to identify the emerging threats and populations that are at risk before, during, and after drought?
(Azar)

What are the cascading pathways to health outcomes related to drought?
What do we know or don't know?
(Jesse)

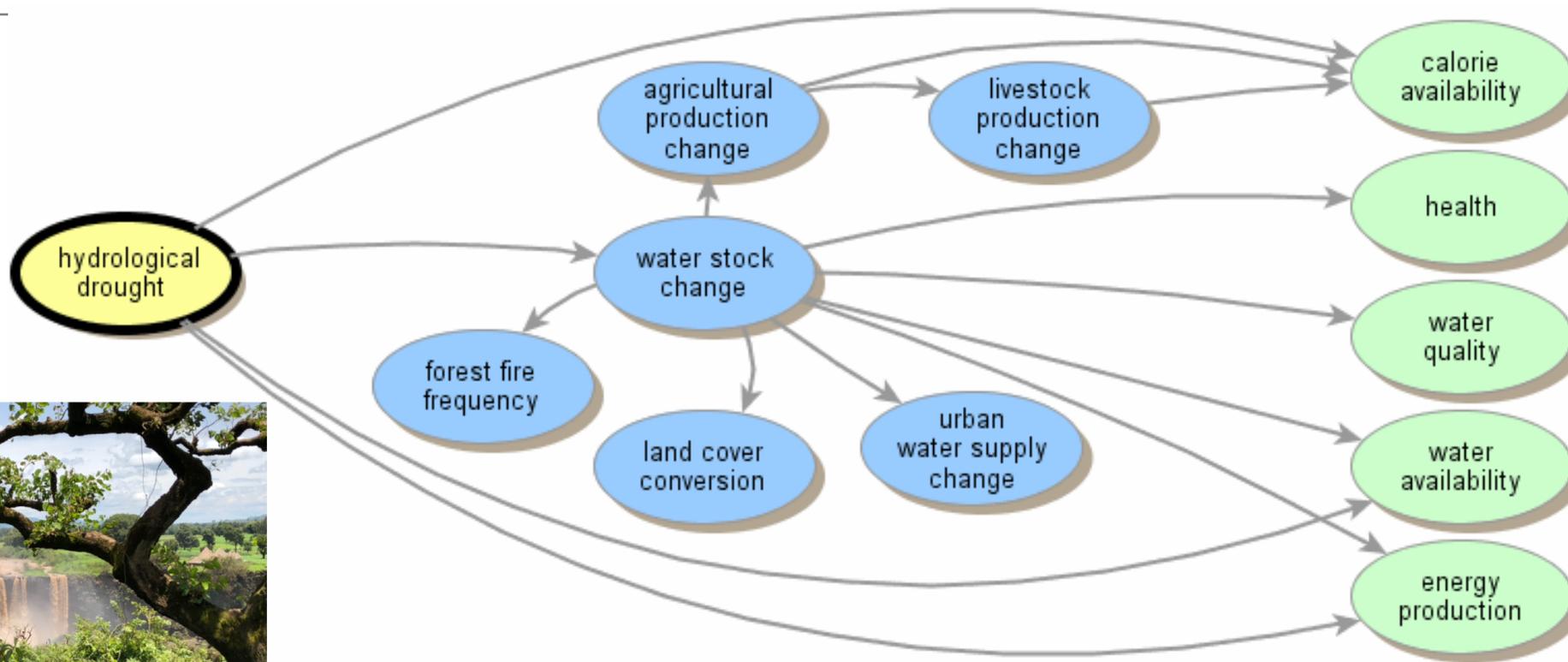
How do we connect to more public health and non-public health decision makers?
(Keith)

How can we connect to more International Drought & Health Efforts?
(Rachael & Nicole)

TASKS

- Facilitators will help at each wall station to start and keep the conversations going.
- Please start with the general middle topic or issue to discuss. Put a circle around this topic.
- As each participant discusses the topic, they will generalize their points by connecting lines or themes. Essentially, the groups will be creating a conversation map related to the central topic and any other themes that emerge.
- At the end, the facilitator, will report and highlight no more than 5 “Key Points or Themes “ –can use sticky notes for this

Hydrological Drought Impact Chain



http://www.pik-potsdam.de/cigrasp-2/ic/hd/hydrological_drought.html