

Grand Challenge: Climate & Health

CU Boulder and CU Anschutz

Climate
Projections for
Vector-Borne
Diseases

Impacts of warming-induced drought on public health

Windblown Dust in a Changing Climate: Emission, transport, and health impacts

Jim Crooks

Health & climate impacts of future trends in urbanization

Climate-Induced Heat Strees Climate, social vulnerability and health

Alex Jahn No Beth Carlton Co Rosemary Rochford

Noah Molotch Colleen Reid

olleen Reid Jason Neff Kathy James Forrest Lacey
Owen Cooper

Rick Johnson Jim Roberts Fernando Riosmena Lili Tennev

Goal for this afternoon:

- 1) Identify 5-8 large scale research imperatives of this theme (think 5-10 year research arch)
- 2) For each:
 - Define in a set of bullets.
 - List the disciplines involved (and people at CU, if known)
 - Give (at least) 2 examples of research that could be done for each
 - Where are the uncertainties?
 - What tools do you need developed?
 - What data requirements does it have?
 - If successful, what's the impact?
- 3) Summary:
 - If this is successful, what does the world look like in 10 years?
 - Draw a picture/web of the research connected under this umbrella

Output: Used to draft a white paper that serves as a map for future work and funding targets