

Going the Last Mile to Mitigate SLCPs

Ed Hackett

IASS & Arizona State University

December 14, 2012

**Between the idea
And the reality**

...

**Between the conception
And the creation**

Falls the shadow

TS Eliot

Communities, policy makers
Social / ecological researchers

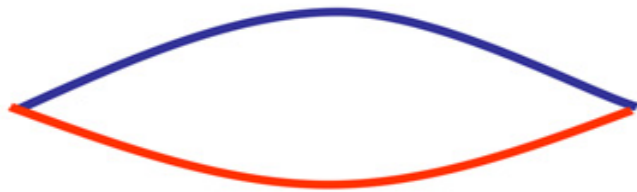
Model 1: No interaction between researchers and stakeholders



Model 2: Research has the answer to the problem and delivers it when it is ready



Model 3: Initial consultation between researchers and communities/ policy makers, but no follow up



Model 4: Communities, policy makers and researchers consult initially and results are brought back



Model 5: Continual engagement among communities, policy makers, NGOs, and researchers

Time

Knowledge(s)

- ...does not translate into action, but informs and guides action
- ...relevant, credible, legitimate
- => engages local, indigenous, tacit, sentient
- Participatory, collaborative, transdisciplinary
- => *SYNTHETIC*, in a word
- Reflexive, examined, adaptively managed

Power & Co.

- Power is pervasive: yours, theirs, others'
- Knowledge is not power, but can be used to obtain power=> open sharing
- Empower people to probe, doubt, question
- Capacity or “prerequisites”:
 - Intellectual = knowledge
 - Social = equality
 - Cultural = norms, traditions, impediments

Trust

- Don't just do something, stand there!
- Listen, look
- Learn *and* teach
- Accessible and dependable (follow through)
- Employ boundary-spanners from the local community to draw groups together, and to insure none are overlooked
- Trust is reciprocal, fluid, asymmetric

Energy

- Nothing happens without energy: build communality and a common cause
- No panaceas => place matters, and the local experts about the place must share their tacit, sentient, embodied knowledge
- Knowledge, communality, reciprocal teaching and learning impart ownership, allowing innovations to be shaped to work.

Episteme, Techne and ...



Phronesis



**Situational right conduct
(from the *Nicomachean Ethics*)**

If we take human life and its development as the center of our study, the activities of science assume a different aspect.

J.D. Bernal, 1939