Interdisciplinary Workshop #2: Mapping the Space of Collaboration

Moore MMI-RAPS Summit 5 February 2014

Objectives for Today's Workshop

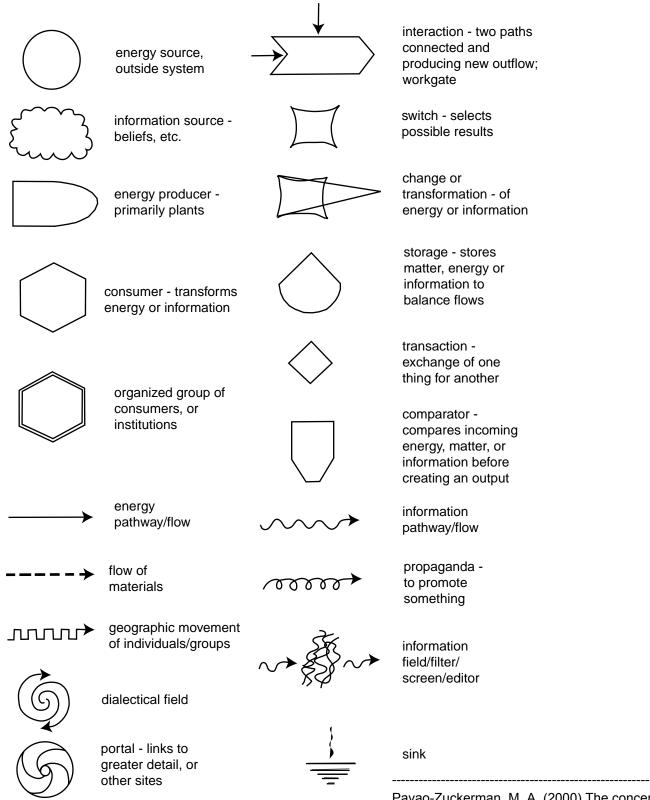
- Examine the extrinsic mode of interdisciplinary scientific research
- Think about interdisciplinary science through the lens of maximizing scientific impact
- Broaden reach and engagement with marine microbial ecology research community

Workshop Activities

- Organize into the same groups as yesterday
- Begin the session by introducing yourselves as researchers emphasize your research focus
- Proceed to a conversation in which you work to identify a research project that you could engage in as a group you could brainstorm this, or perhaps there is an obvious project that you could engage in, given the group's composition
- Develop the project with a *concept map* of the problem that combines your different perspectives
 - Using butcher paper (or notebook paper), map the the problem, using a box-and-line system see the back of this sheet for an example key
 - o Indicate how your various disciplines will help address the problem:
 - Will they structure the response?
 - Will they generate necessary data?
 - Will they assist in the analysis of the data?
- Discuss the problem as you have mapped it, focusing on its broader impacts talk about different partners that could be added to the project that would expand both its scientific reach and its social reach
 - What other disciplines are needed to address the problem?
 - o Beyond scientists, who will be interested in the work? How can it be conveyed to them?
 - Could it have policy implications?
 - Are there stakeholder groups who could be affected?
 - What sort of communication plan might aid you in getting the word out to them?
- We will close with 30 minutes of reporting out, focusing on which new partners would be invited into the projects and why.

Appendix B: Key to Human Ecosystems Models.

Based on H. T. Odum (1983, *Systems Ecology*, New York: John Wiley and Sons) and conventions established by the Information Ecology Group of the Anthropology Department, University of Georgia.



Pavao-Zuckerman, M. A. (2000) The conceptual utility of models in human ecology. The Journal of Ecological Anthropology 4: 31-56.