Research Map

To fully understand a piece of research, the student must understand the purpose of the research, the no fully understand a piece of research, the student must be student should also understand the particular methods used in the investigation, and the findings. The student should also understand the Implications of the study: How do the findings fit with existing scientific knowledge, what impact did the study have a study to the study of the st did the study have on subsequent research on the particular topic, and what impact did the findings did the study have on subsequent research on the particular topy, have on society? Finally, the student should also know about any alternative interpretations of the study

What is the purpose of the research? To develop a more comprehensive understanding of the causes of fresh water scarcity in Texas

What disciplines are potentially relevant?

GEOLOGY BIOLOGY POLITICAL SCIENCE **ECONOMICS**

What is the perspective of each discipline on the problem?

GEOL Sees problem as a consequence of human interference in natural geological systems

BIOL Sees problem as a consequence of human degradation of Earth's major systems

POLS Sees problem as a consequence of institutional factors

ECON No information on topic

What is the assumption of each discipline?

GEOL Earth processes have not significantly changed over time.

BIOL All organisms interact according to well-defined principles.

POLS Individual and group behavior is motivated primarily by a desire for or the exercise of power.

ECON Economic factors influenced the decision to use coal.

Are there any nondisciplinary sources or interpretations?

No.

SOURCE: Based on Motes, Bahr, Atha-Weldon, & Dansereau (2003).