

# Issues of Transparency for Expert Elicitation

William Ascher

Claremont McKenna College

# Why Transparency?

- Identify range of expertise
- Identify assumptions
  - Decide when the effort is obsolete
- Evaluate strengths & weaknesses ⇒ assign degree of credibility
- Increase credibility (p. 58)
- Withstand litigation

# What Should Be Transparent?

- Assumptions/”basis of judgment” held by the experts
  - Specific interactions between elicitor & expert?
- Methodology
  - How judgments were solicited & combined
- Confidence intervals
- Characteristics of the experts

# How to Enhance Transparency

- Select experts who can:
  - articulate basis of judgment
  - think consistently in terms of quantitative probabilities
- Select methods that are:
  - fairly straightforward & comprehensible
  - capable of illuminating bases of judgment

# How to Enhance Transparency

- Present results by:
  - retaining enough information to clarify bases of judgment, differences, inconsistencies
  - conveying probabilities/confidence intervals