Figure 2. Hazard locations on Factors 1 and 2 of the three-dimensional structure derived from the interrelationships among 18 risk characteristics in Study 2. Factor 3 (not shown) reflects the number of people exposed to the hazard and the degree of one's personal exposure. The diagram beneath the figure illustrates the characteristics that comprise the two factors.

Factor	Conditions associated with increased public concern	Conditions associated with decreased public concern
1. Catastrophic potential	Fatalities and injuries grouped in time and space	Fatalities scattered and random
2. Familiarity	Unfamiliar	Familiar
3. Understanding	Mechanisms or process not understood	Mechanisms or process understood
4. Uncertainty	Risks scientifically unknown or uncertain	Risks known to science
5. Controllability (personal)	Uncontrollable	Controllable
6. Voluntariness of exposure	Involuntary	Voluntary
7. Effects on children	Children specifically at risk	Children not specifically at risk
8. Effects manifestation	Delayed effects	Immediate effects
Effects on future generations	Risk to future generations	No risk to future generations
10. Victim identity	Identifiable victims	Statistical victims
11. Dread	Effects dreaded	Effects not dreaded
12. Trust in institutions	Lack of trust in responsible institutions	Trust in responsible institutions
13. Media attention	Much media attention	Little media attention
14. Accident history	Major and sometimes minor accidents	No major or minor accidents
15. Equity	Inequitable distribution of risks and benefits	Equitable distribution of risks and benefits
16. Benefits	Unclear benefits	Clear benefits
17. Reversibility	Effects irreversible	Effects reversible
18. Personal stake	Individual personally at risk	Individual not personally at risk
19. Origin	Caused by human actions or failures	Caused by acts of nature or God

Fig. 2.1—Covello's list (Kasperson and Stallen 1992)

readily see as occupying a middle-ground—become polarized in a way that is comfortable for the left on some controversies, for the right on others. That is what we need to explain.

2.4

A usual complement of the ideological accounts focuses on questions of *trust*. Trust is item 12 on Vincent Covello's (1992) list of 19 factors that could account for expert/lay conflicts of intuition (fig. 2.1).³ But placement in that list is not intended to reflect

3. See Kasperson and Stallen (1991), 133. The list was developed mainly from the work of Slovic, Fischoff, and collaborators.