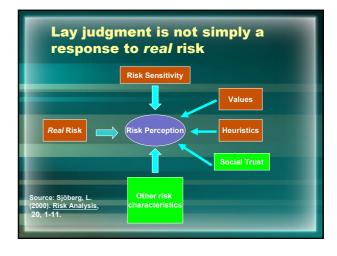
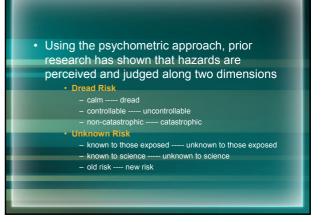
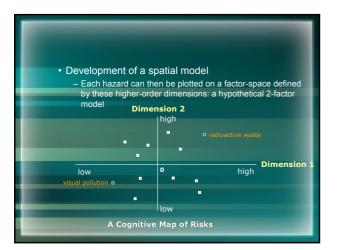


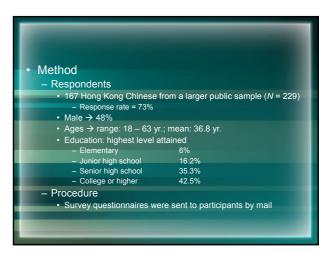
My research is motivated by: 1. The growing public concern about the risk of various hazards in Hong Kong 2. A need to understand lay perception of risk - To facilitates the communication of real risks inherent to specific hazards to the public



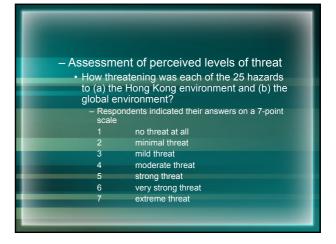


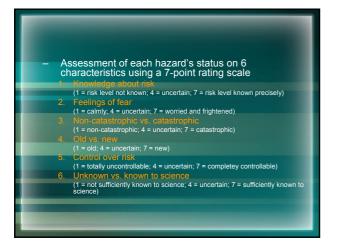


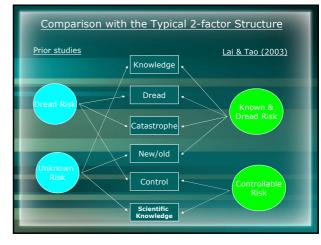


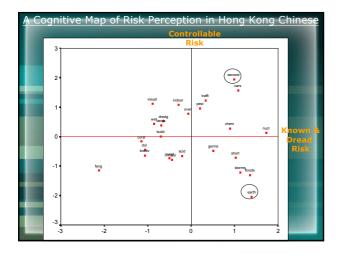


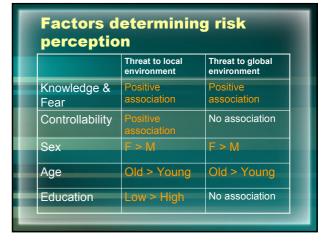
Measures • 25 pre-selected hazards				
Acid Rain	Destruction of coral	Floods or tidal waves	Manipulation of human genetic materials	Water shortage
Loss of biodiversity	Loss of dolphins	Genetically modified food	Radioactive fallout from nuclear power plant	Storms
Radioactivity in building materials	Dredging and dumping	Germs and micro- organisms	Over-fishing	Traffic noise
Pollution from cars	Earthquakes	Indoor air quality	Pesticides and herbicides	Visual pollution
Chemical waste	Destruction of feng shui	Loss of natural landscape	Second hand smoking	Loss of wetland











Implications • The most unique finding is related to the cognitive representation of risks – The typical Dread and Unknown Risk Factors have not been successfully replicated • Hong Kong Chinese perceive risks within a different cognitive space. Why? – Ongoing influences of traditional Chinese values and beliefs in Hong Kong

The coupling of Knowledge and Fear may be attributed to the "this-worldly" practical humanism of Confucian teachings

Emphasis on those aspects of life that can be understood through personal experience and control

De-emphasis on those aspects that are unfamiliar and unknown

The "known & dread risk" and "controllable risk" have recently been replicated in a sample of citizens in Guangzhou, China (Lai & Tao, 2006)*

The Tao, J. (2006). International Journal of Environmental, Cultural, conomic and Social Sustainability, 1(5), 125-138.

- Social Trust and Optimism in risk perceptions related to food safety

 Background

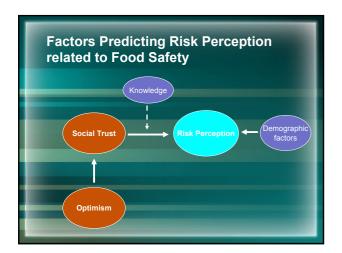
 Social trust has been found to influence both risk and benefit perception of a technology in recent research (Siegrist, 1999; Siegrist et al., 2000)

 Higher trust predicts lower risk perception

 Social trust is the willingness to rely on those who have the responsibility for making decisions and taking actions related to the management of technology the environment, medicine, or other realms of public health and safety" (Siegrist et al., 2000, p. 354)
- Personality factors such as high anxiety have been shown to accentuate risk perception (Bouyer et al., 2001)

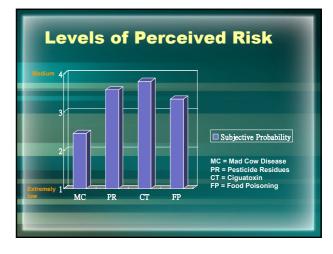
 Factors that potentially lower perceived risk have rarely been studied

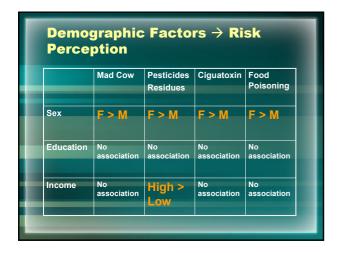
 Optimism which is related to a generalized positive outcome expectancy, is expected to attenuate perceived risk via its effect on social trust

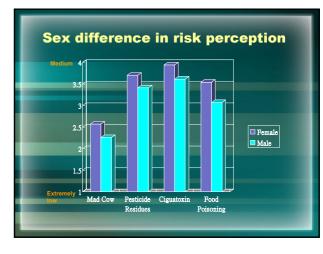


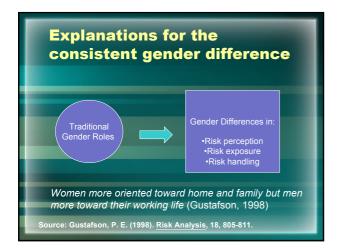














Optimism → Social Trust

- "An optimistic person or not?"
 - More optimistic → higher level of trust
- "There are more happy and good things than unhappy and bad things in my life"
 - More optimistic → higher level of trust

Implications

- Social trust had significant impact on perceived risk of food poisoning
- Social trust is determined by optimism
- The effect of social trust on risk perception is stronger in those having more knowledge
- The attenuating effect of high social trust on perceived risk can be enhanced by
 - Increase in optimism
 - 2. Increase in knowledge about risks

Conclusions

- Socio-cultural context is a very important factor determining risk perception
 - Chinese people may perceive risks along a set of unique dimensions
 - Knowledge of risks may have different effects across different cultures
 - In the context of Hong Kong, higher levels of knowledge and social trust reduce perceived risk

Acknowledgements

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- Colleagues at the Quality Evaluation Center of the City University of Hong Kong