



# Security challenges in a changing world

New dimensions of security:  
Information vulnerabilities

*Jeffrey Peter Bradford*



# Definitions

- Information as neutral data.
- Knowledge as context relevant information.
- Competence. The ability to translate knowledge into action.



# Perspective I - The Nation-State

- Diplomacy as recognised communication channel between states.
- Communication times shortening. Person, Horse, sail, train, telegraph, satellite, email.
- Cryptography as vulnerability.



## Perspective II - Intra-State.

- Vulnerabilities as a consequence of deficiencies of mass communication.
- Business marketing techniques.
- Newsprint, radio, cinema, television, internet.
- Vulnerabilities as propaganda, awareness of society.



## Perspective III - The individual

- Human needs - communication as psychological need.
- Vulnerabilities relate to use of language to exclude people from particular discourse.
- Social inclusiveness as remedy ?



# Conclusions

- Too much information is available ?
- Too little knowledge exists ?
- Not enough competence for everyone to build a personal nuclear deterrent ?