

## Cities On Volcanoes

Jane Olsen  
Principal Advisor, Hazards Management  
Auckland Regional Council

## Multi Disciplinary

- Risk Managers
- Emergency Managers
- Scientists
- Social Scientists
- Health
- Archeology
- Political

## Relationships

- Scientist – Emergency Managers
- Emergency Managers – Lifeline Utilities
- Establish relationships early
- Understand others perspective

## Health

- Basaltic Ash v Silica-rich Ash
- Unexpected adverse health effects
- Monitoring programmes

## Risk Management

- Risk assessments are vital
- Understand hazard and limitations
- Ensure networks have contingency built in
- What is acceptable risk?
- Are you activities continuing to reduce risk over time?