



# **Using Science to Manage:** *Consider the Consequences!*

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# Critical Infrastructure

## Where are We?

- **Government policy**
  - Not legislate
  - Not approve plans
  - Not maintain plans
  - Facilitate



# Critical Infrastructure

## Where are We?

- Recognition of partnerships
- Sharing information
- Protecting information
- Study critical nodes
- Work on interdependencies
- Planning for emergencies
  - E.g. pandemics



# Issues We Face

- 1. The urge to do something**
- 2. Use science, but assess value**
- 3. Unintended consequences**



# ***Rational for Travel Advisory***



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# Rules for Advisory

- **New cases**
- **Rate**
- **Tracking**
- **Consultation**



# What Went Wrong?

- **Communications**
- **Communications**
- **Communications**



# The Price To Pay

- **Scanners**
- **Tracking foreign cases**
- **Confidence**
- **Economic**





# Closing the Borders

- Initial vs. Post spread
- Temporary effect
- Resource depletion
- Increases concern
- Supply chain interruption
- Undermines public confidence





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