

# Sea Level Rise Adaptation Guidelines for Sea Dikes & Coastal Development



Boundary Bay, BC - February 4, 2006

**BC Adaptation Initiative  
Meeting**

**Nanaimo, BC**

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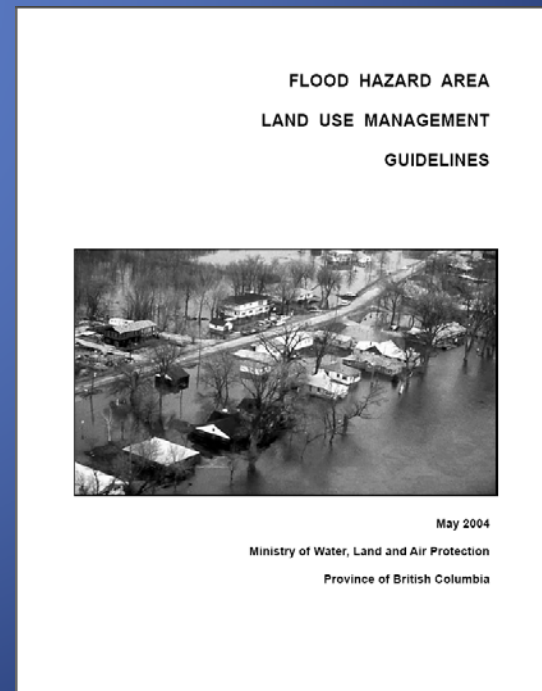
# Presentation Outline

- Legislative Framework for Flood Protection in BC
- Background



# Legislative Framework

- Local Governments have the authority to manage land use in flood hazard areas (e.g. *Local Government Act & Land Title Act*)
- Province sets guidelines published under the *Environmental Management Act*



# Legislative Framework

## *Dike Maintenance Act*

- Province has authority to:
  - Set design standards & promote best management practices
  - Approve changes to dikes & new dikes
  - Monitor management of works by local diking authorities
  - Define responsibilities of diking authorities



West Richmond Dike

## Diking Authority Responsibilities:

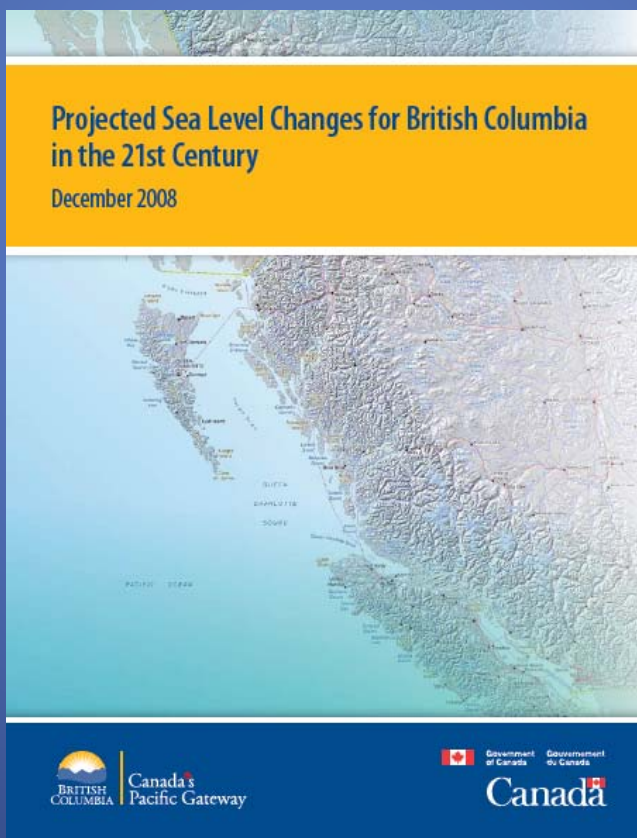
- Owns the dike, acquires legal access and administers dike operations
- Inspects, maintains, repairs and restores works
- Responds to flood emergencies

Note: Majority of diking authorities are local governments



# Background

- Projected Sea Level Changes for British Columbia in the 21<sup>st</sup> Century, December 2008



# Regional Adaptation Collaboratives (RAC)



- Natural Resources Canada providing \$35M for programming to help adapt to a changing climate.
- \$3.3M awarded to BC over 3 years: ~\$180,000 to Flood Safety Section
  - Sea Dike & Coastal Land Use Guidelines
  - Coastal Floodplain Mapping Guidelines

# Questions/Comments

## Contact Info

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