



**WEST COAST**  
Environmental Law

*Transforming the legal landscape*

## Resilient infrastructure or resilient communities?

10 November 2020

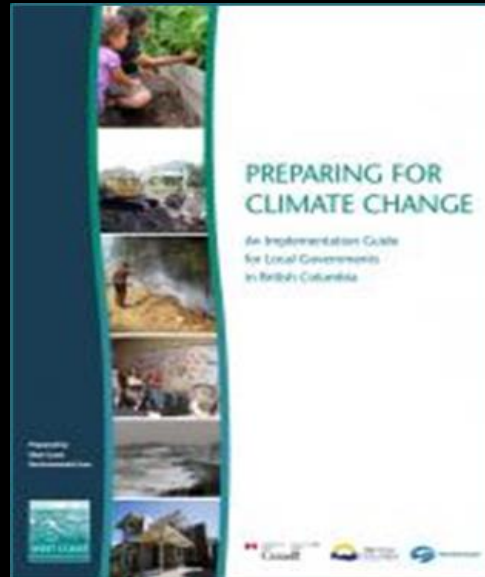
Resilient infrastructure for the age of the Anthropocene

URBC2020 - Deborah Carlson, Staff Lawyer

Territories of the Tsleil-Waututh (səlilwətaʔt) and

Squamish (Skwxwú7mesh Úxwumixw) Nations | North Vancouver

# Blue – green approaches to climate adaptation





## Coastal squeeze



Image: Coastal Ocean Research Institute



Image: John Readshaw





Image: John Readshaw

# Land use & diking guidance

Ausenco  
Sandwell

Process Infrastructure  
Ports, Marine & Offshore

Project No. 143111  
Revision Number 0

## BC Ministry of Environment

### Climate Change Adaption Guidelines for Sea Dikes and Coastal Flood Hazard Land Use Sea Dike Guidelines

27 January 2011

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## Ministry of Forests, Lands and Natural Resource Operations

With federal funding support through Natural Resources Canada's  
Regional Adaptation Collaborative Program

### Coastal Floodplain Mapping – Guidelines and Specifications

Final Report  
June 2011



## Dike Design and Construction Guidelines

### Best Management Practices British Columbia



Flood Hazard Management  
Environmental Protection

Province of British Columbia  
Ministry of Water, Land and Air Protection



Ministry of  
Water, Land & Air Protection

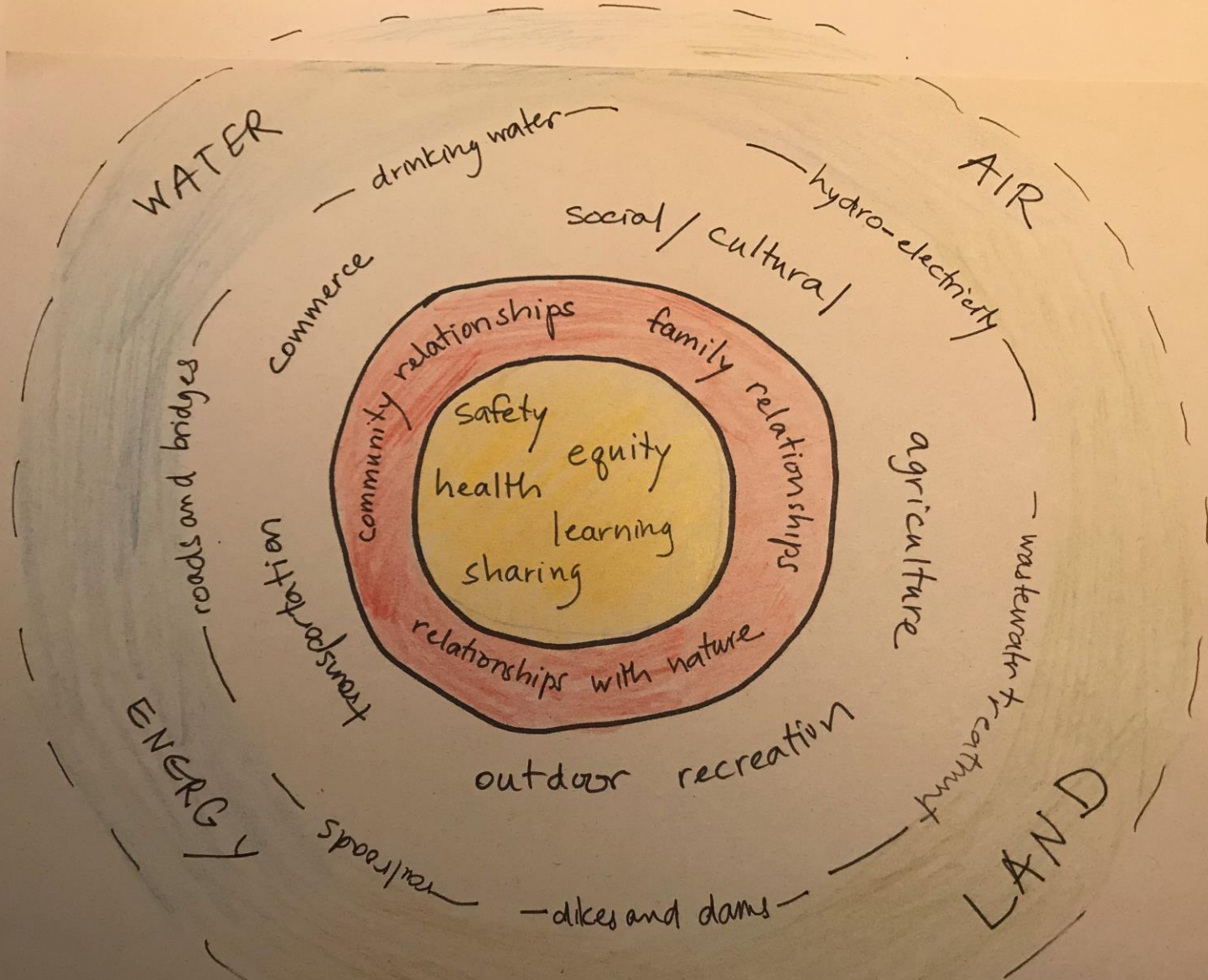
## FLOOD HAZARD AREA LAND USE MANAGEMENT GUIDELINES



May 2004

Ministry of Water, Land and Air Protection  
Province of British Columbia





One settler reflection on communities and infrastructure





Image: Gord McKenna



# Thank you.

Deborah Carlson  
Staff Lawyer  
West Coast Environmental Law  
dcarlson@wcel.org  
www.wcel.org

