

**Canadian Regional  
Development**  
A Critical Review of Theory,  
Practice, and Potentials



**Développement régionale  
canadienne**  
Un examen critique du théorie, de  
pratique et des potentiels

# Water and Watershed Management: A Place for Regional Development

## *Watershed Planning and Regional Development – Part I*

August 13, 2013

Sarah-Patricia Breen

Sarah Minnes



# Introduction



Critical issue:

***Water***



Current situation:

***Ineffective Management***



Potential regional approach:

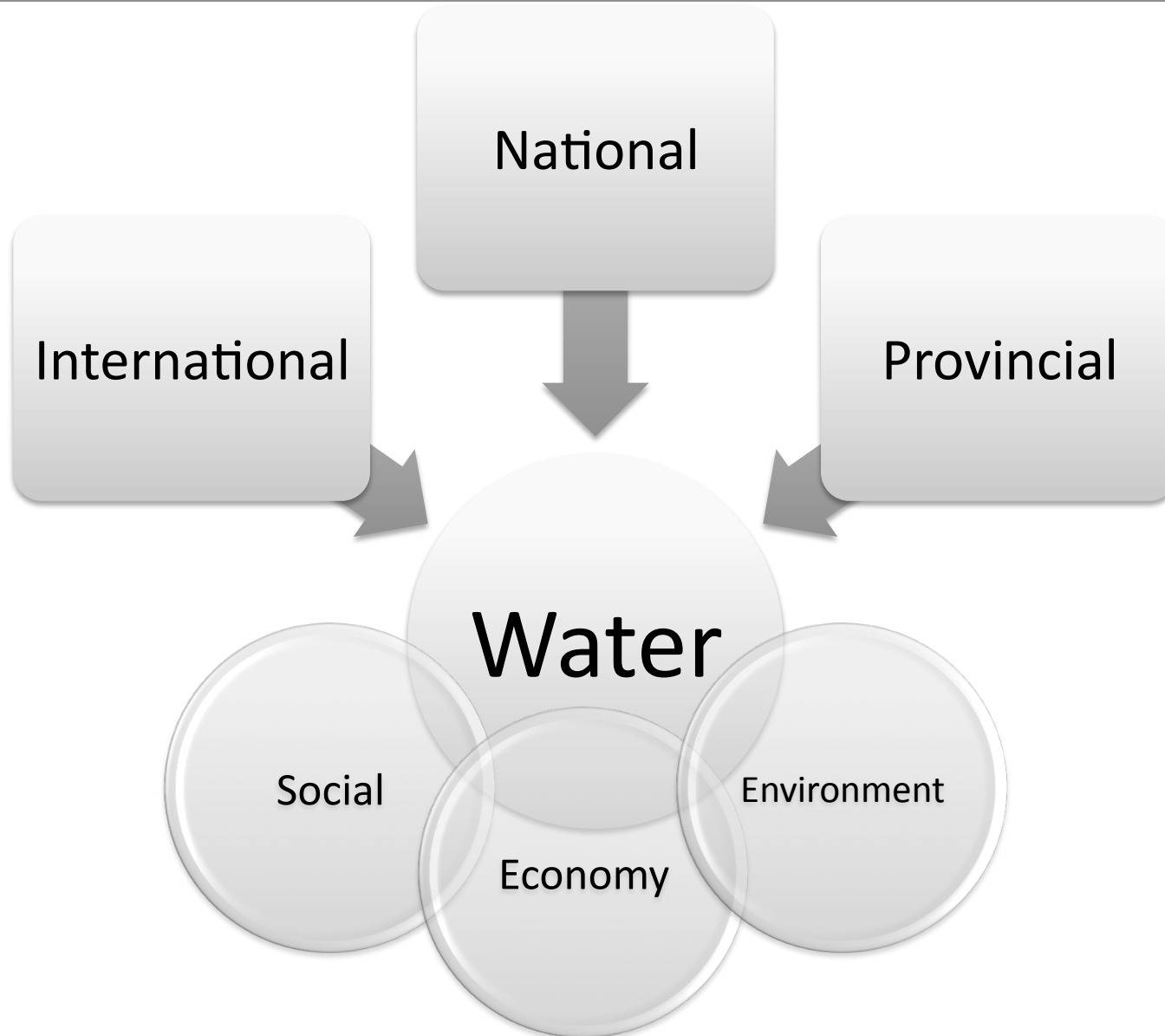
***New Regionalism***

# Methods



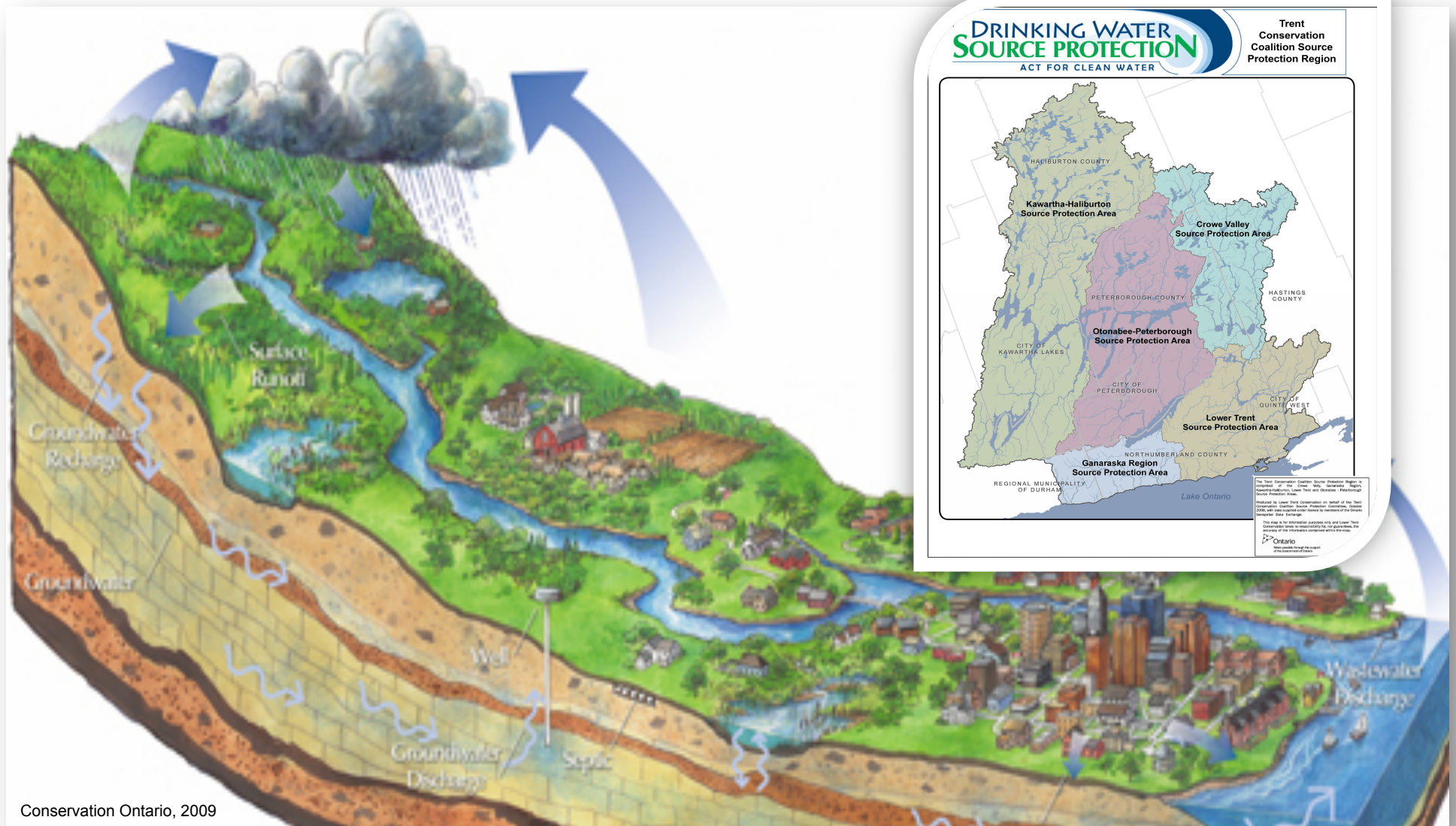
# Water Management in Canada

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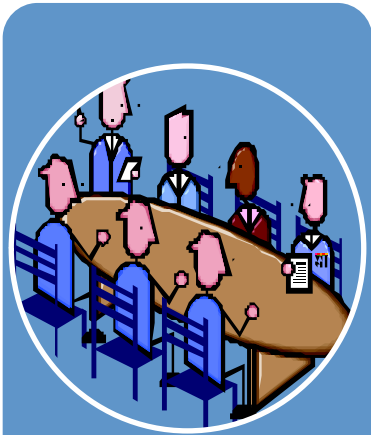




# Water & Regional Development



# The Role for New Regionalism?



Governance



Integration



Placed-Based



Innovation  
and  
Knowledge  
Flows



Rural-Urban  
Relationships



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# BC: Water and Infrastructure

## Watershed Planning and Regional Development – Part II

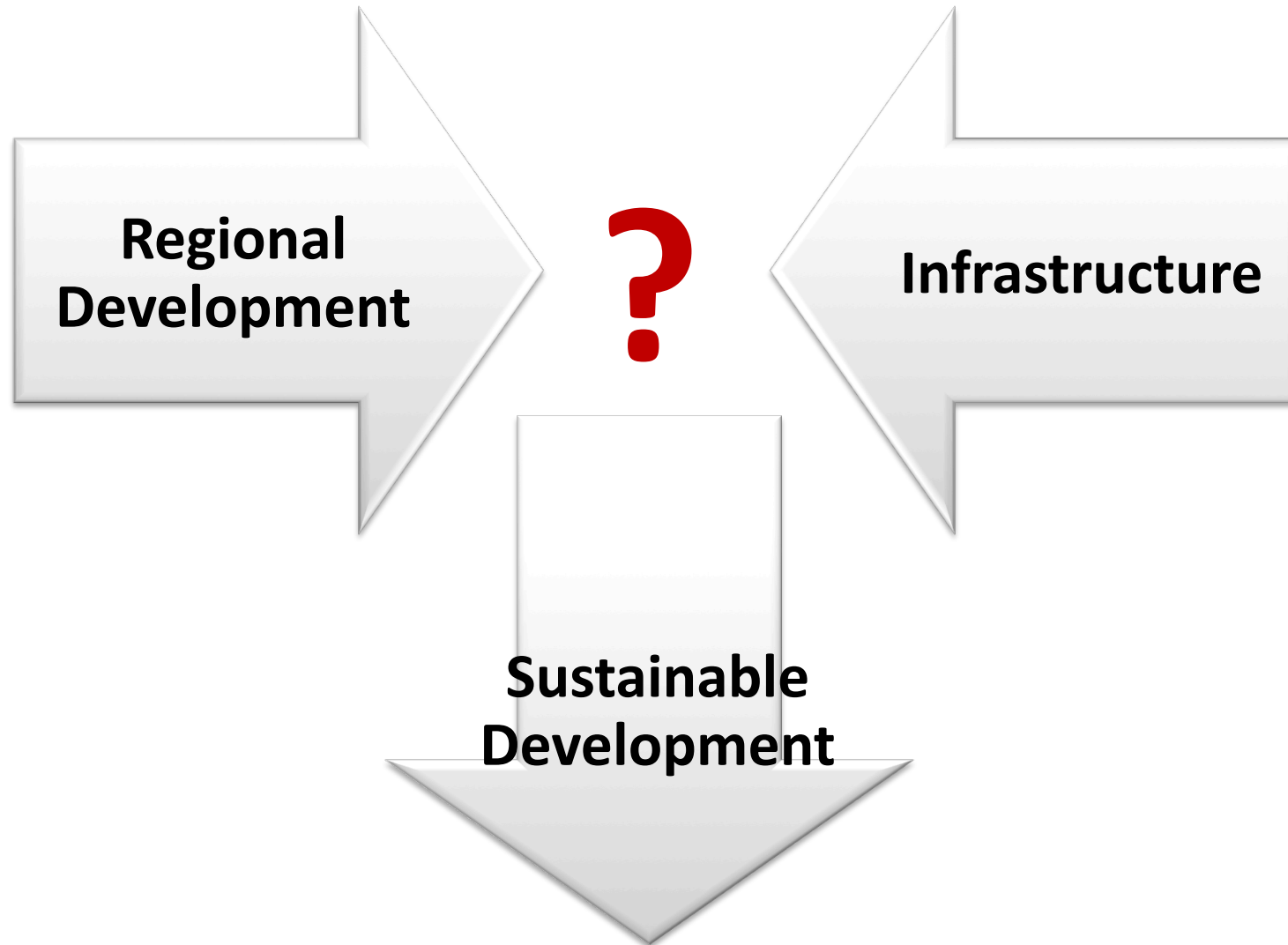
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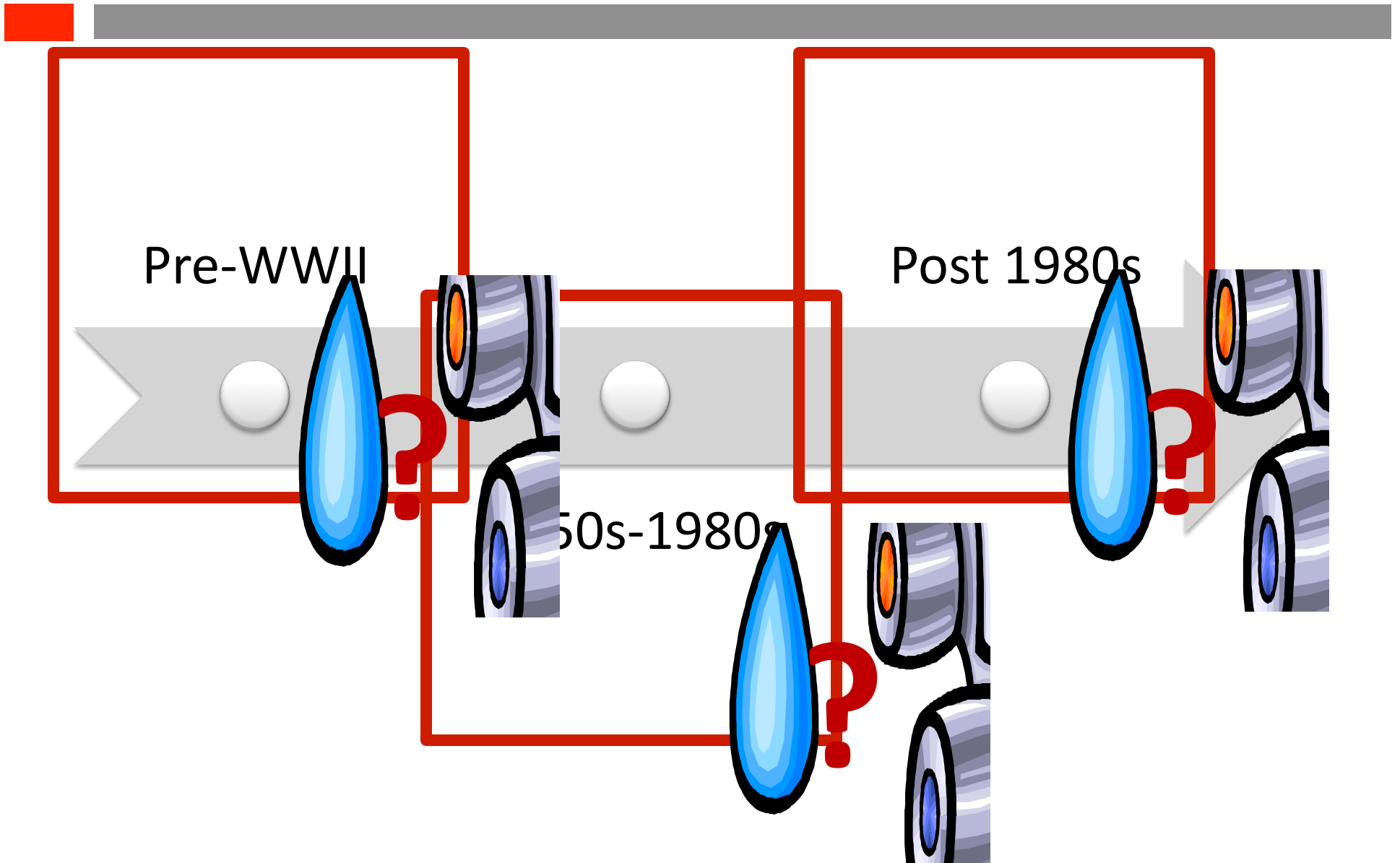
# Research Premise

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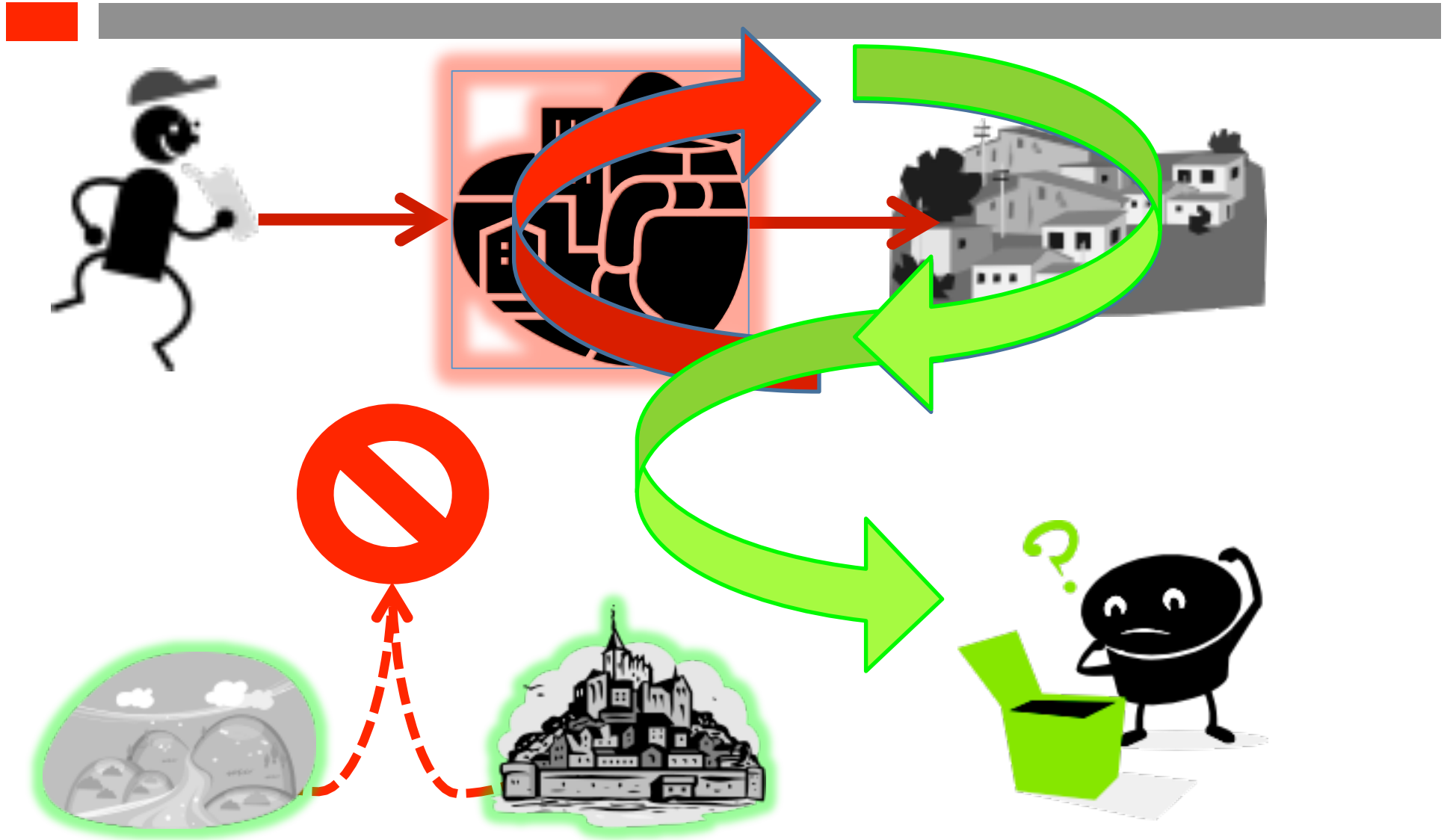




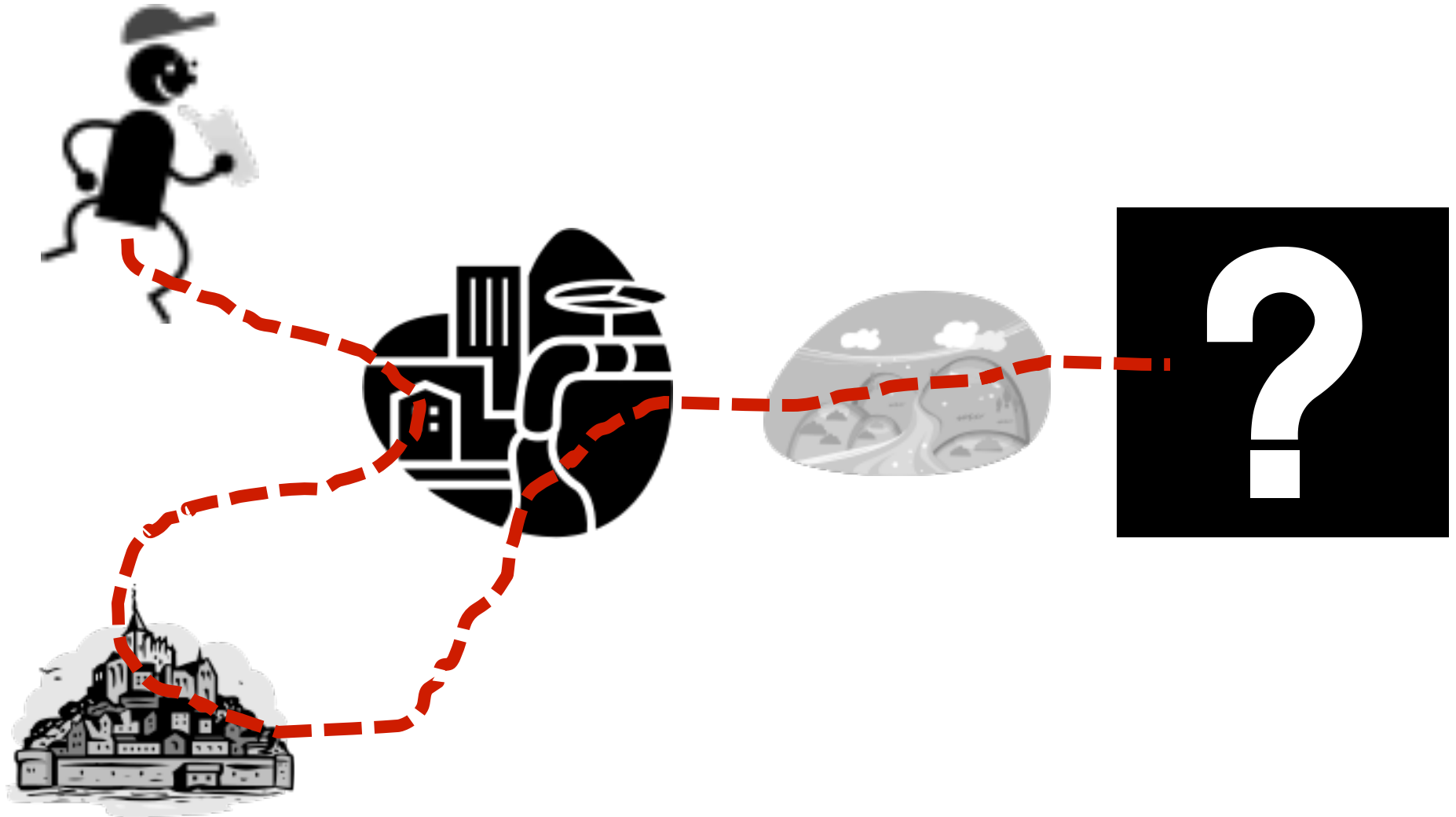
# Timeline



# Current Situation



# Can we connect the dots?



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# ON: Source Water Protection

## *Watershed Planning and Regional Development – Part II*

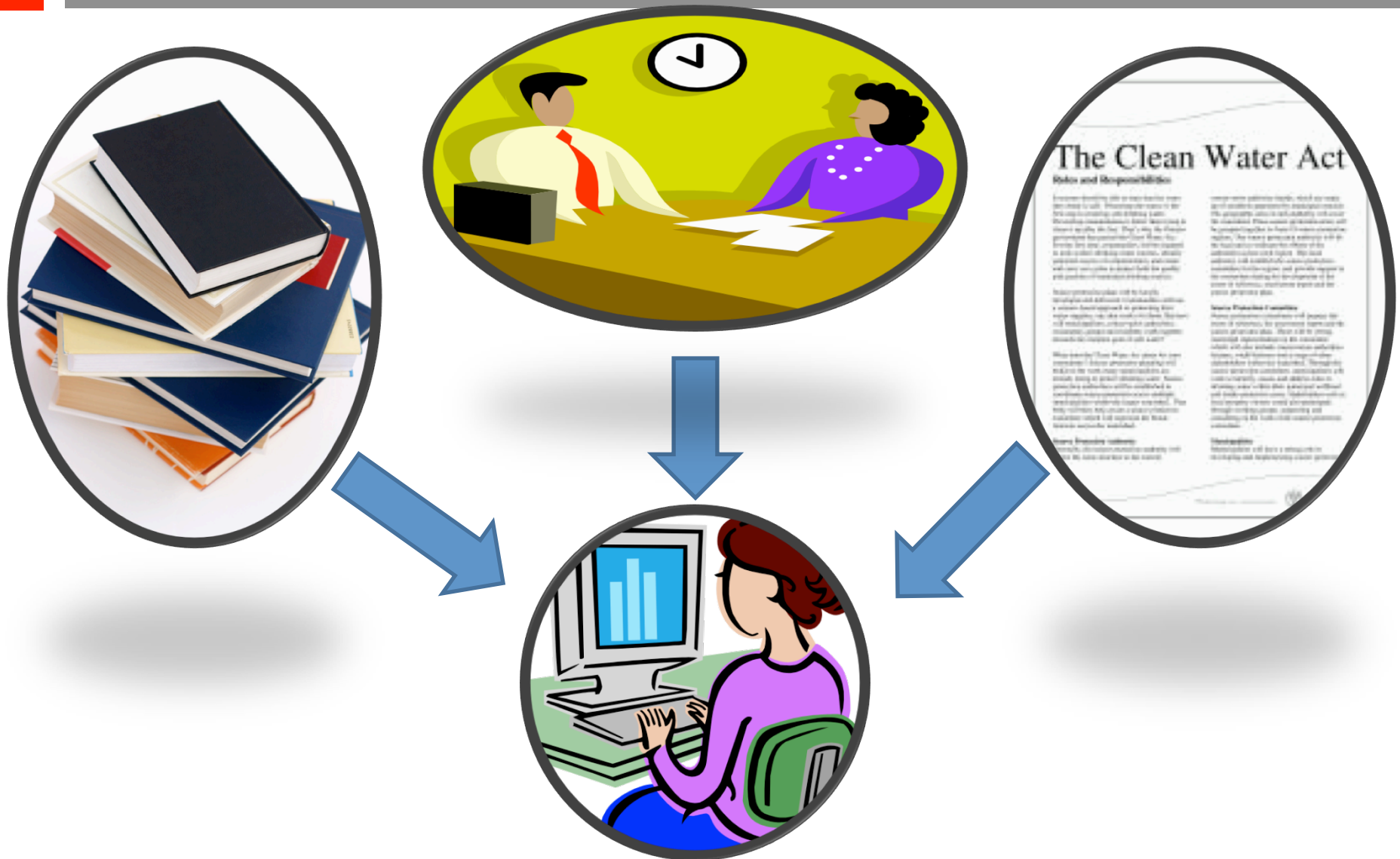
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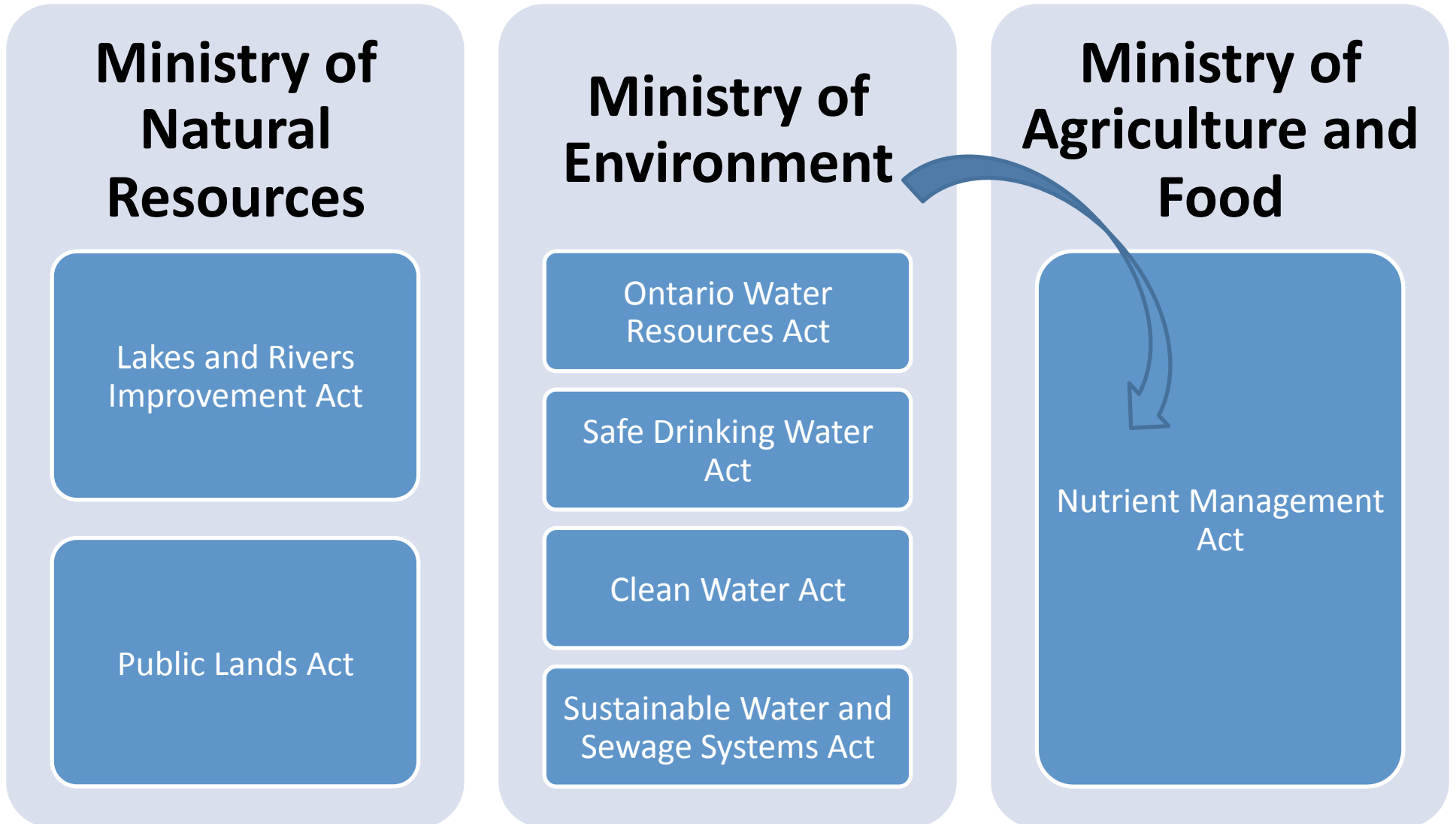




# The Research



# Legislation Regulating Water in Ontario



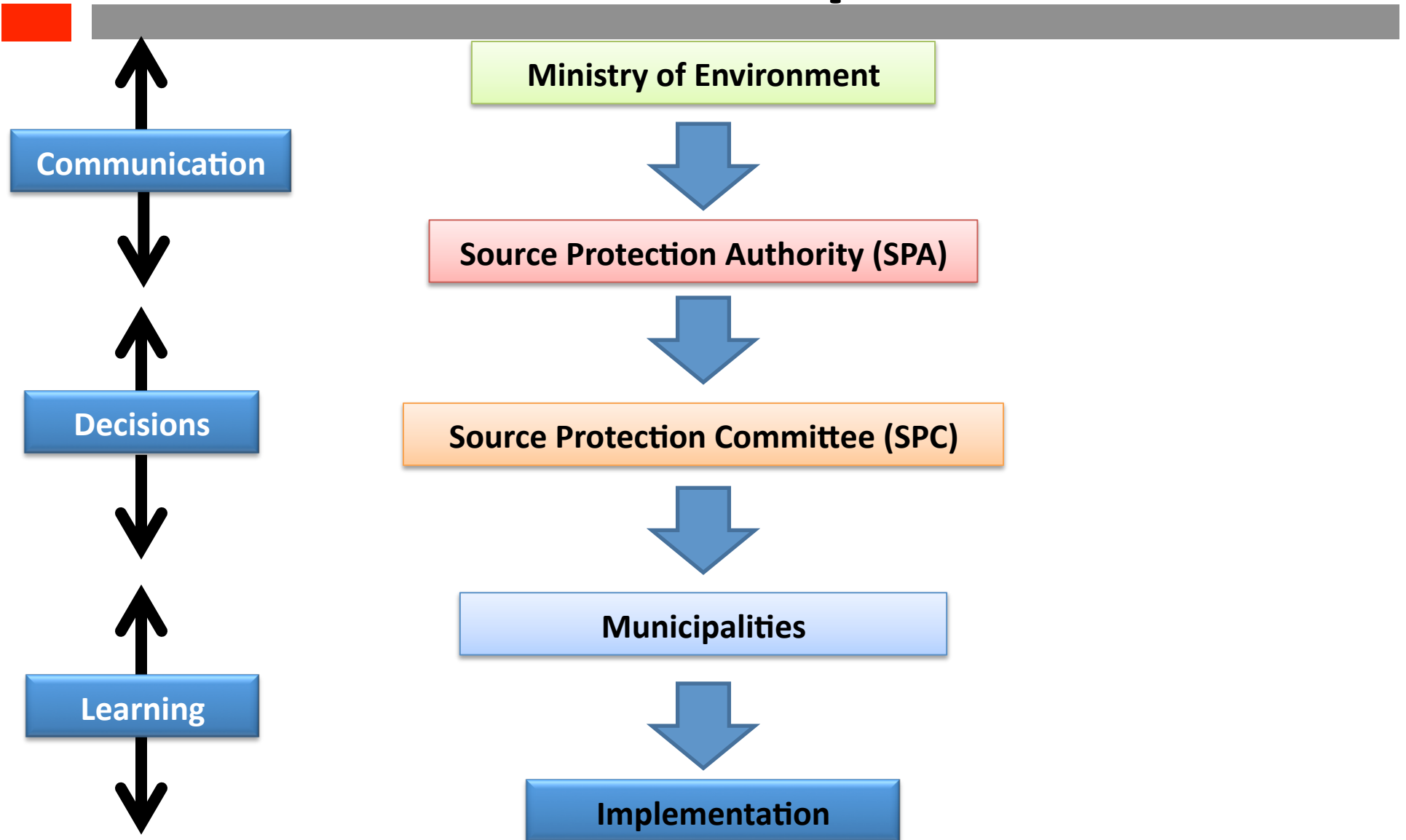
# Clean Water Act, 2006

## Related Provincial and Municipal Legislation

- Municipal Official Plans and By Laws
- Planning Act
- Provincial Policy Statement
- Oak Ridges Moraine Conservation Act
- The Niagara Escarpment Plan
- Greenbelt Act
- Places to Grow Act\_
- Nutrient Management Act
- Building Code Act

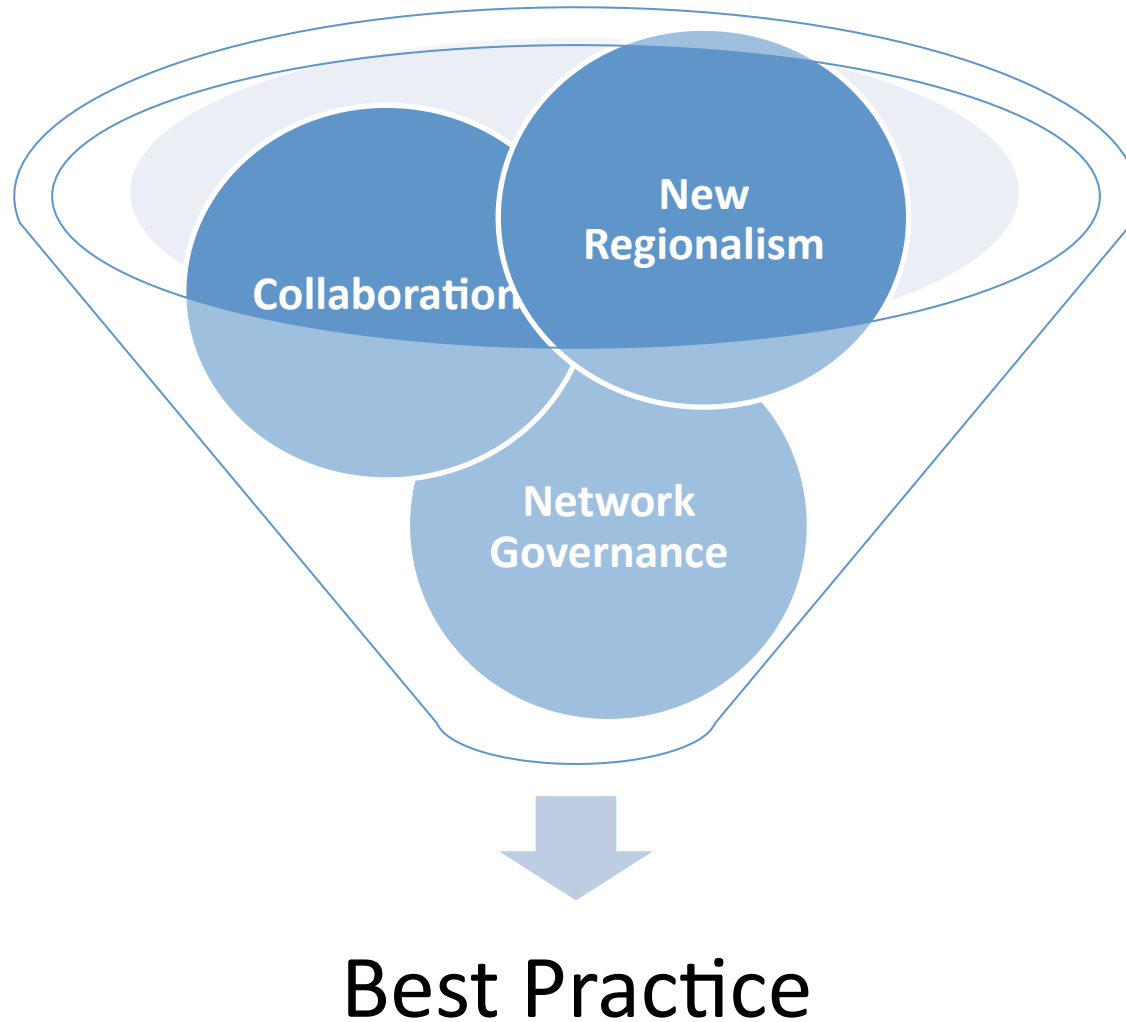


# CWA Roles and Responsibilities





# Theory



# Best Practice for Watershed Collaborations Explored



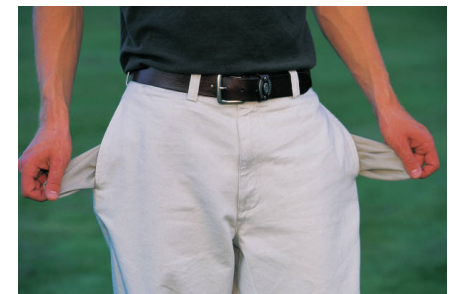
# CWA Strengths

- SWP planning increased communication, education and the level of collaboration
- Created more locally sensitive policies
- Combined technical scientific knowledge with traditional local knowledge



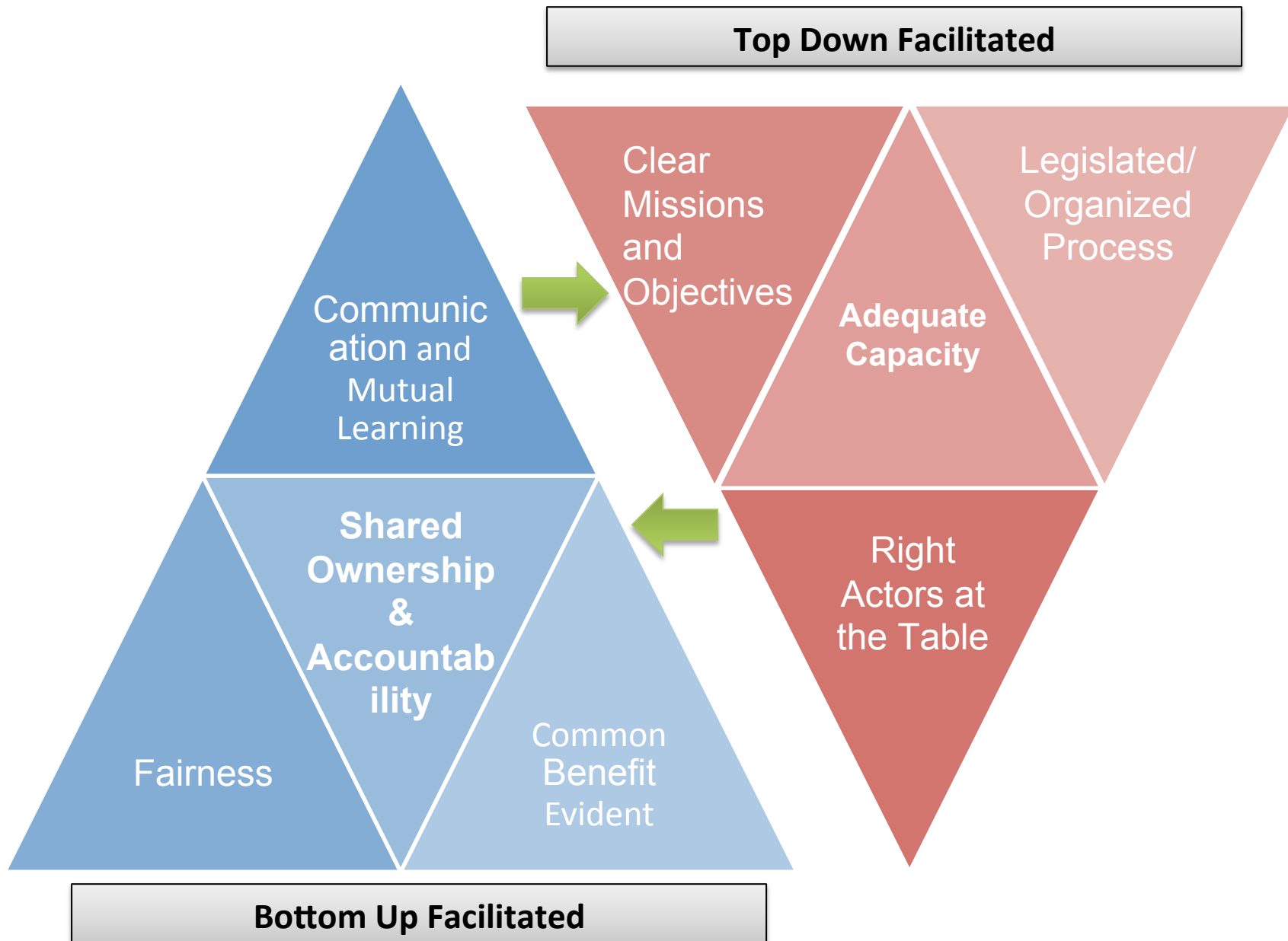
# CWA Weaknesses

- Very long roll out
- Only includes residents on municipal systems
- Little public interest
- Funding and technical capacity for implementation is unknown
- Municipalities may not have ownership of the plan yet they have to enact it





# Top Down/Bottom Up Relationship



# Overall: Key Findings



- Case studies illustrate a need to manage water differently
- Prominent issues:
  - lack of integration
  - conflicting mandates
  - top down approaches and downloading
- Support for cross-jurisdictional initiatives
- Capacity and accountability
- Role for New Regionalism?



# **Thank you**

Questions?

# Questions



- Do you have examples of watershed collaborations in your own community or region?
  - What have been the strengths and weaknesses of these collaborations?
- What needs to change in your community or region to encourage a more regional approach to watershed management?