

# Realities of Construction Industry in Disaster Planning

*Preparedness to recovery and reconstruction*



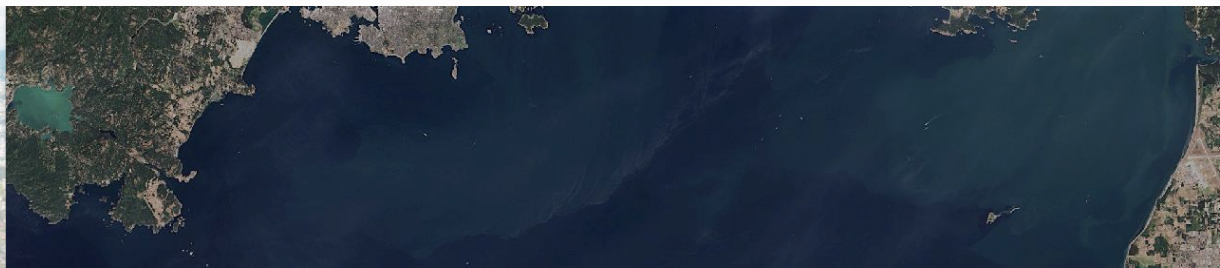
2018 **UR<sup>+</sup>** Understanding Risk  
in the built environment  
British Columbia April 16-17th, 2018



British  
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Construction  
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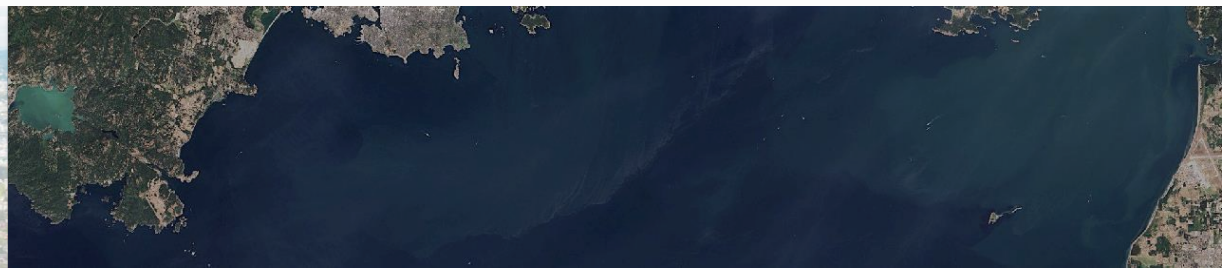
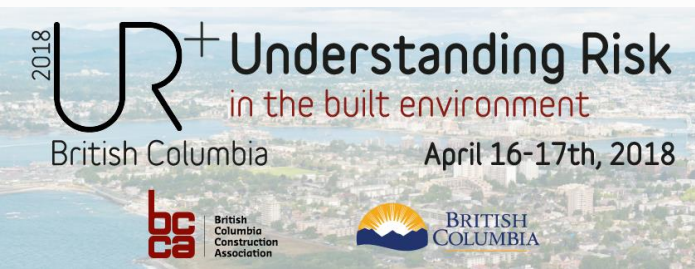
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# Current role of Construction Industry in Disaster Reponses

*“Understanding the role the construction sector plays and improving resilience will improve recovery and reconstruction outcomes”*

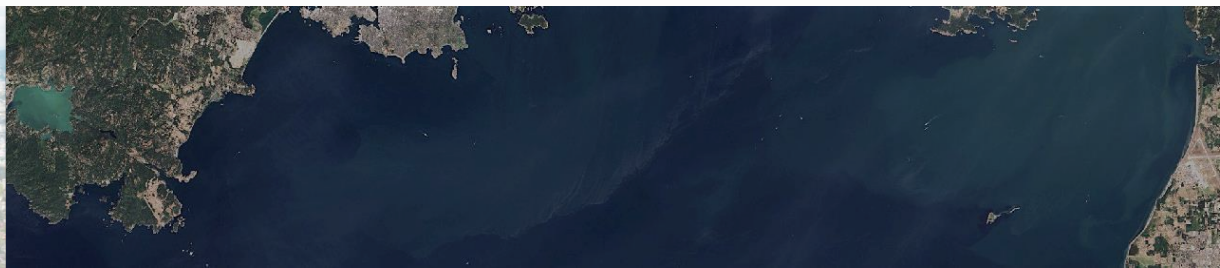
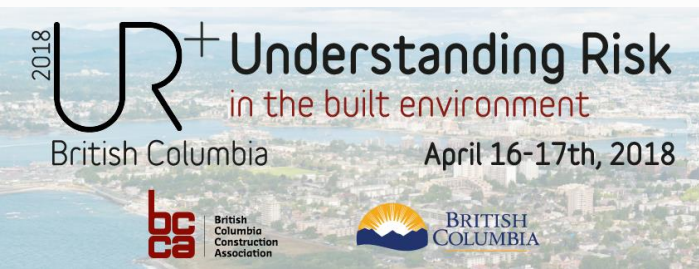
- Industry provides physical resources, people, materials, logistics, management and technical expertise.
- Unique knowledge and skills in construction industry
- Respond to community and government needs during and after disaster activities.
- Reliance of communities (social need)



# Current Realities in Construction Industry

*Construction Industry practice is strongly influenced by the culture surrounding its operations.*

- Complex coordination and communication structure
- Lack of permanence in its workforce and skills shortages
- Involvement of construction industry into emergency planning has been largely neglected
- Focus of emergency planning has been “outside” of industry purpose/mandate.
- Industry lack of understanding of disaster planning – preparedness, response, post events.
- Industry has developed training programs specifically to support the delivery of their own construction requirements.





# Post Response Realities in Construction Industry

- Industry (e.g. BCCA) has capacity to play a key role
- Lack of training with a focus on the development disaster plans and strategies for construction industry
- A need for greater integration of disaster resilience concepts into the general education of construction industry (includes contractors and design community).
- Lack of formal framework and partnerships to determine potential industry education and research requirements
- Lack of integration between industry and key stakeholders on preparedness and responses.

