



# An introduction to the IMPACT project

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# **IMPACT** - Developing an **I**ntegrated **M**odel to Predict **A**biotic habitat **C**ondi**T**ions and biota of rivers

for application in climate change research and water  
management



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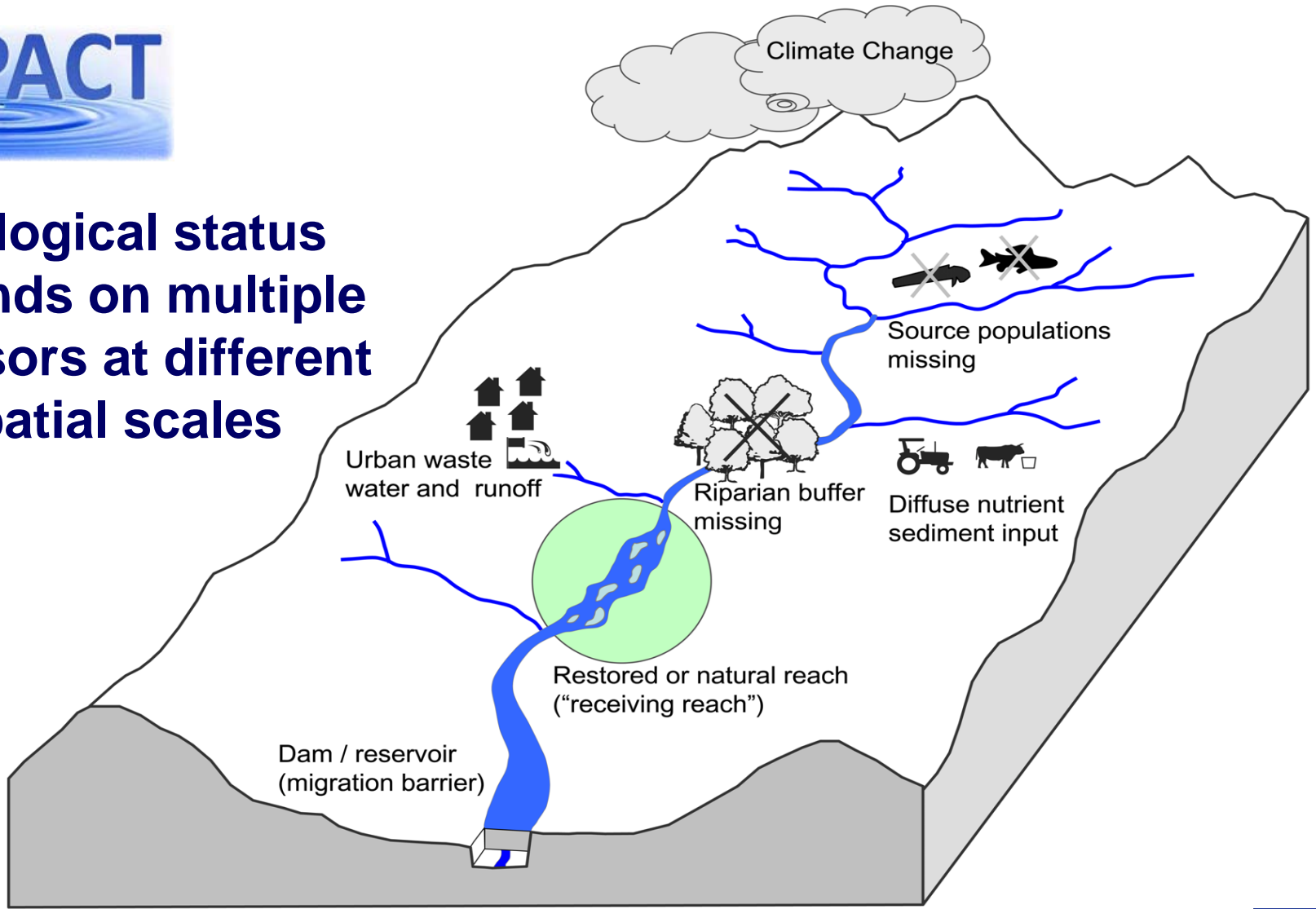
## Associated Partners



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# IMPACT

**Ecological status depends on multiple stressors at different spatial scales**

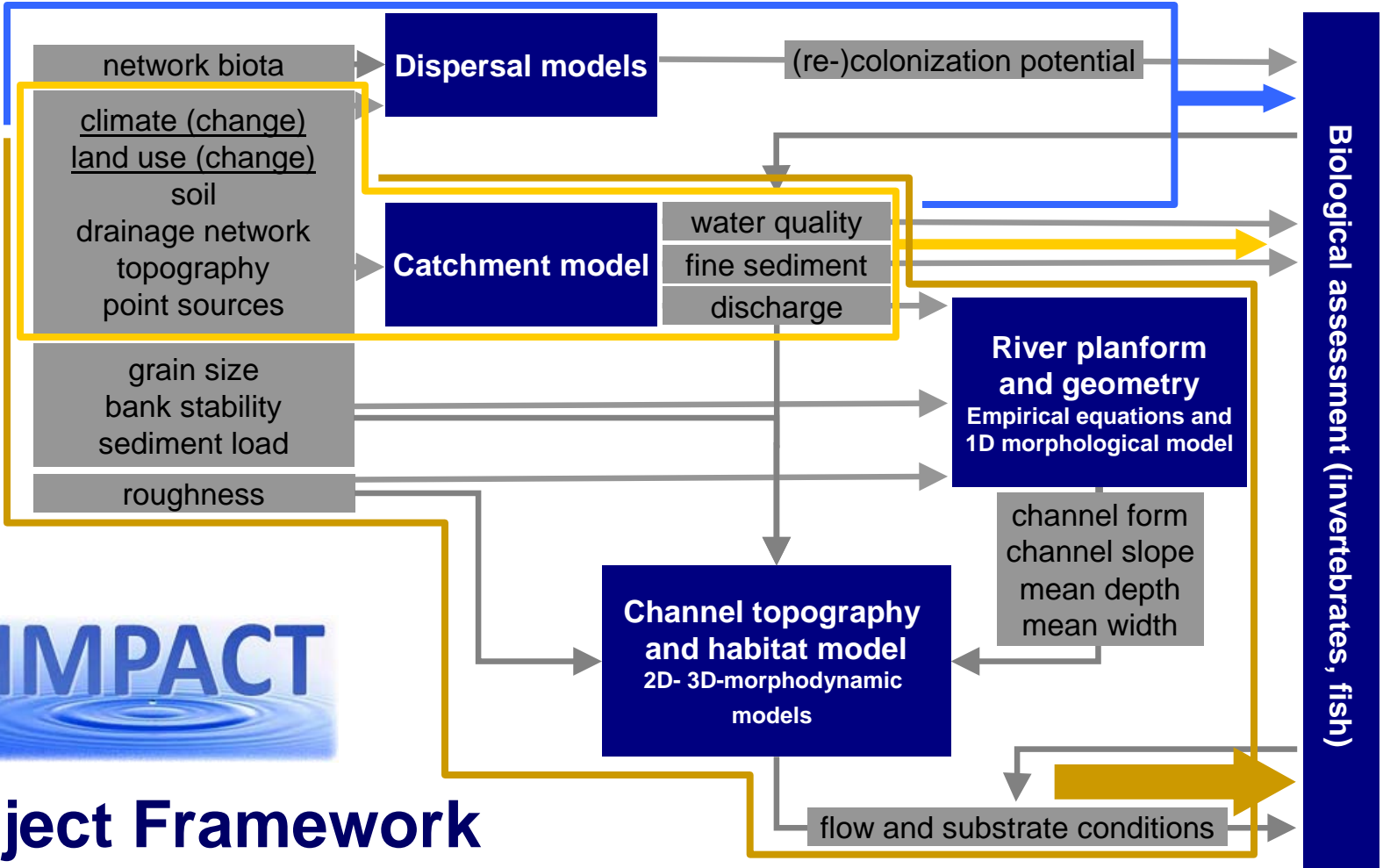


The logo for IMPACT, with the word "IMPACT" in a bold, blue, sans-serif font. Below the text is a graphic of blue water ripples.

## Objectives

- **integrate river & reach scale habitat & biotic response model**
- **to predict the abiotic habitat conditions and biota of reference, semi-natural or restored river reaches**
- **assessing the effect of climate change on discharge and in turn on river morphology and stream biota compared to other anthropogenic pressures**
- **include dispersal models of aquatic taxa to predict temporal scales of restoration success and recovery**

**INPUT DATA**      **INTEGRATED MODEL**



**Project Framework**

**Response of Biota**



**Study sites**



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