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# Resilient Infrastructure: Indonesia Water Sector



**Peter Droogers**

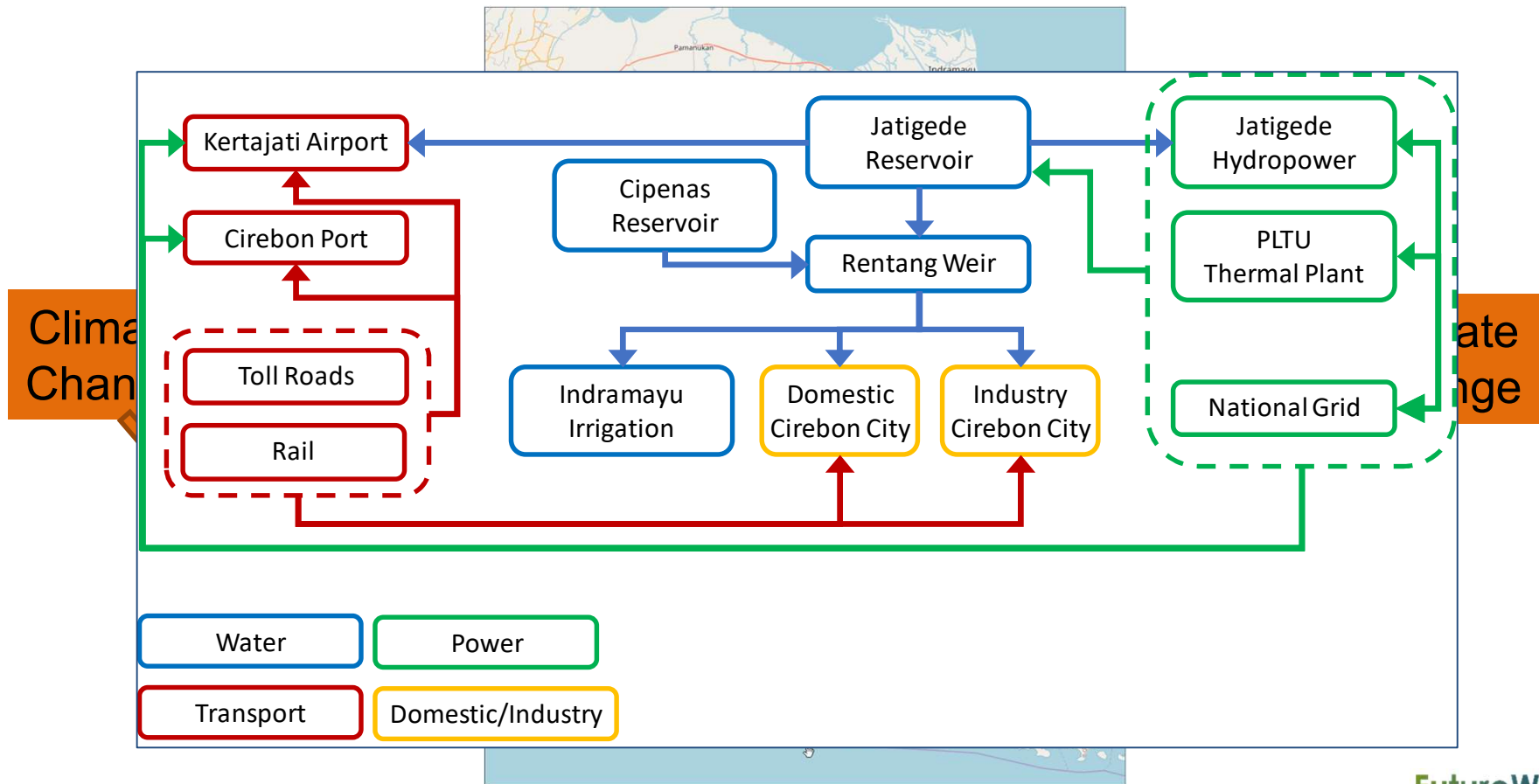
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*Nov-2020*



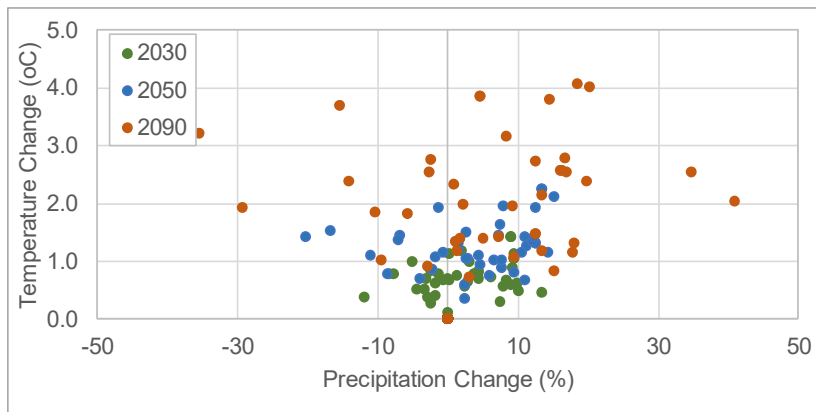
**FutureWater**

# 1: Critical Infrastructure Complex



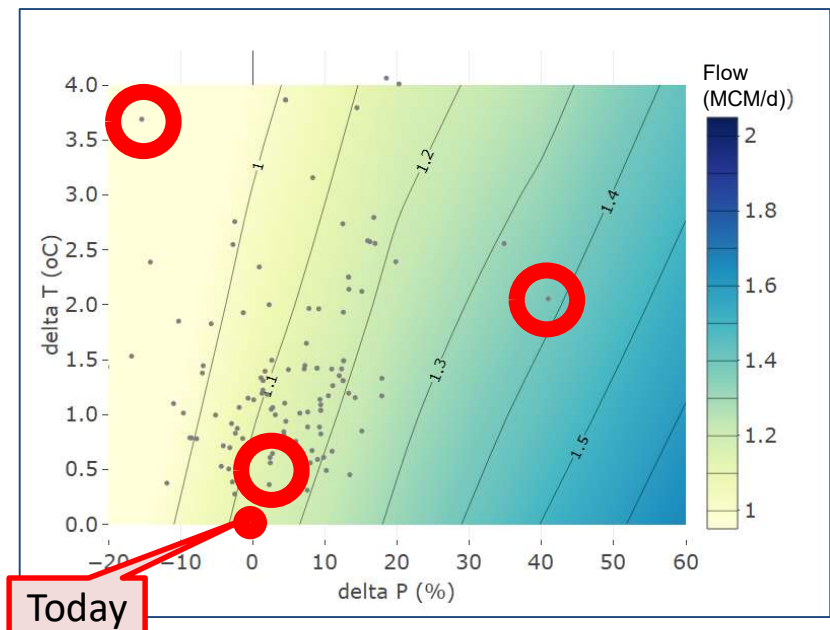
# 2: Impact Analysis

> Climate science driven vs. decision maker driven



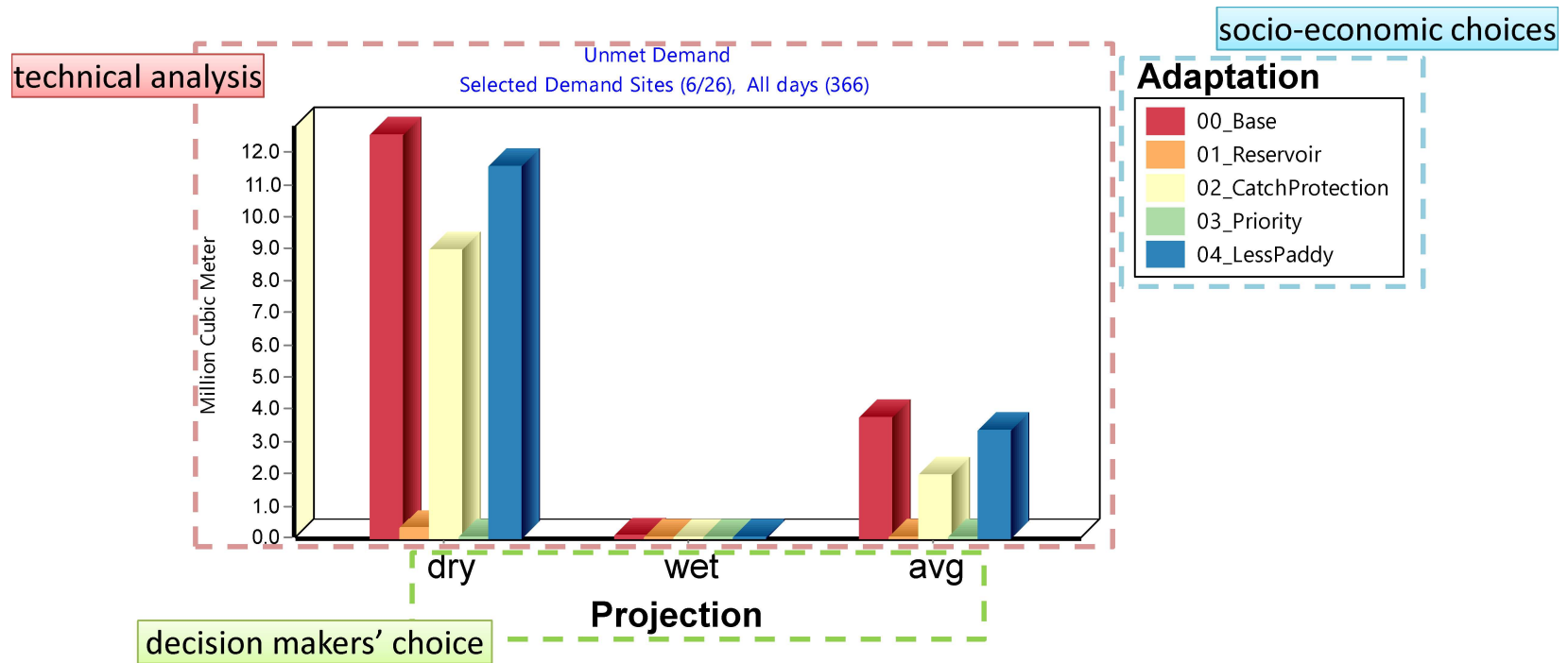
Projected changes in climate by various climate models and emission scenarios

	Average (%)	GCMs Dryer	GCMs Wetter
2030_rcp45	+2.2	9	12
2050_rcp45	+3.1	5	16
2090_rcp45	+4.1	5	16
2030_rcp85	+13.0	6	15
2050_rcp85	+14.3	6	15
2090_rcp85	+16.9	5	16



Low flow analysis for Jatigede inflow, based on the WEAP impact model

# 3: Adaptation Options



# Take-Home Message

## > Infrastructure

- Critical
- Complex
- Cross sectoral

## > Impact

- Climate driven → decision maker driven

## > Adaptation

- Technical components
- Decision makers on choice of projection
- Socio-economic on effectiveness of adaptation





Thank You



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