



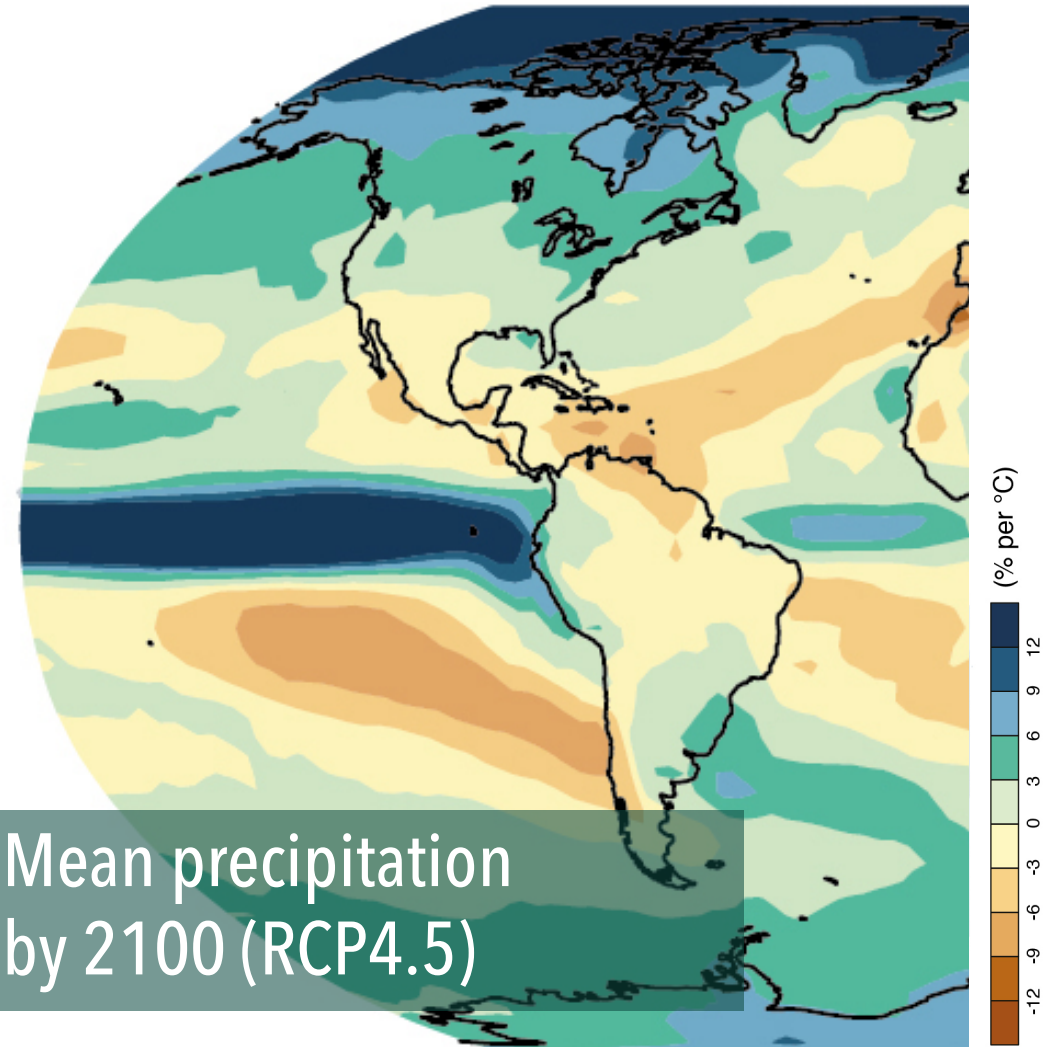
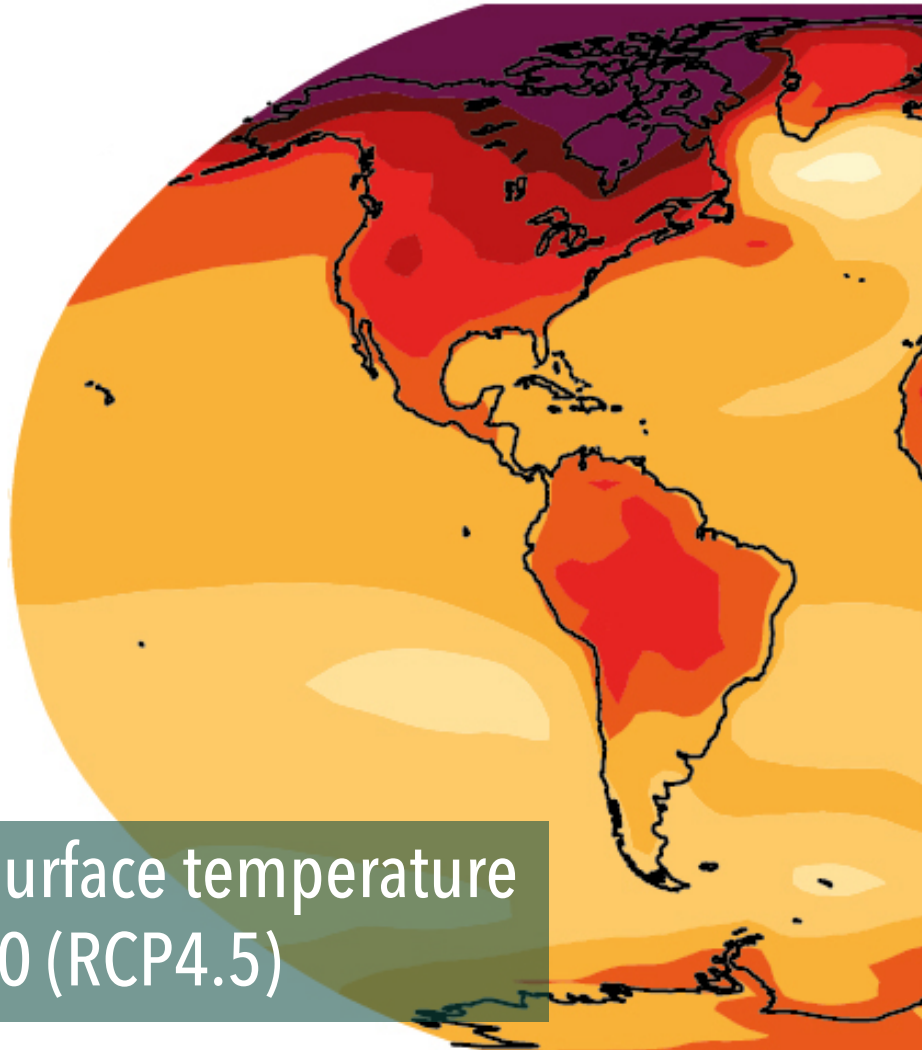
Climate Change & Health in the Americas

IANAS Report Overview | March 2021



Peruvian Amazon
Photo by IHACC

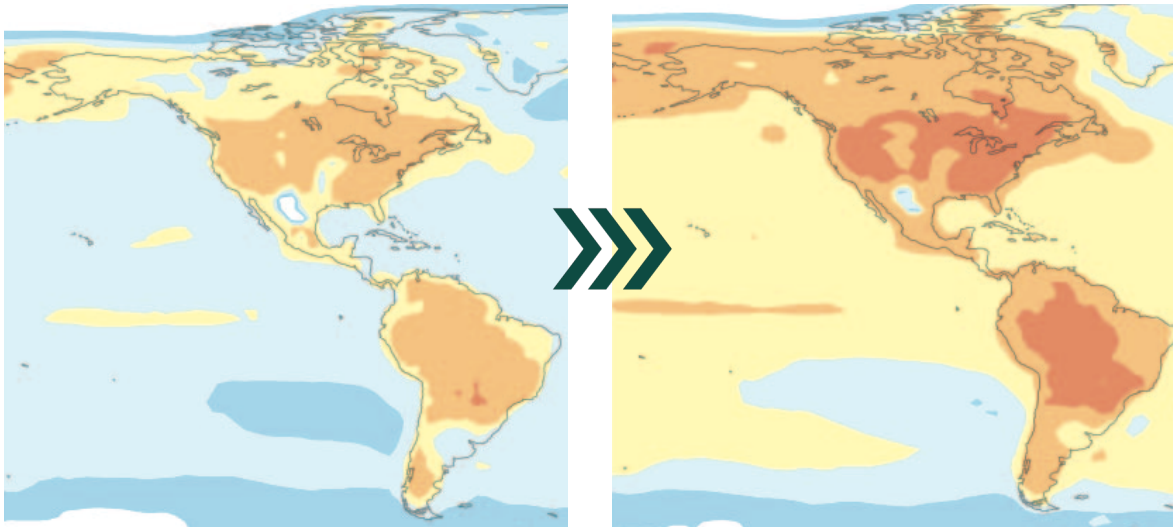
The Americas



Change in Average Temperature of Hottest Days

1.5°C Global Warming

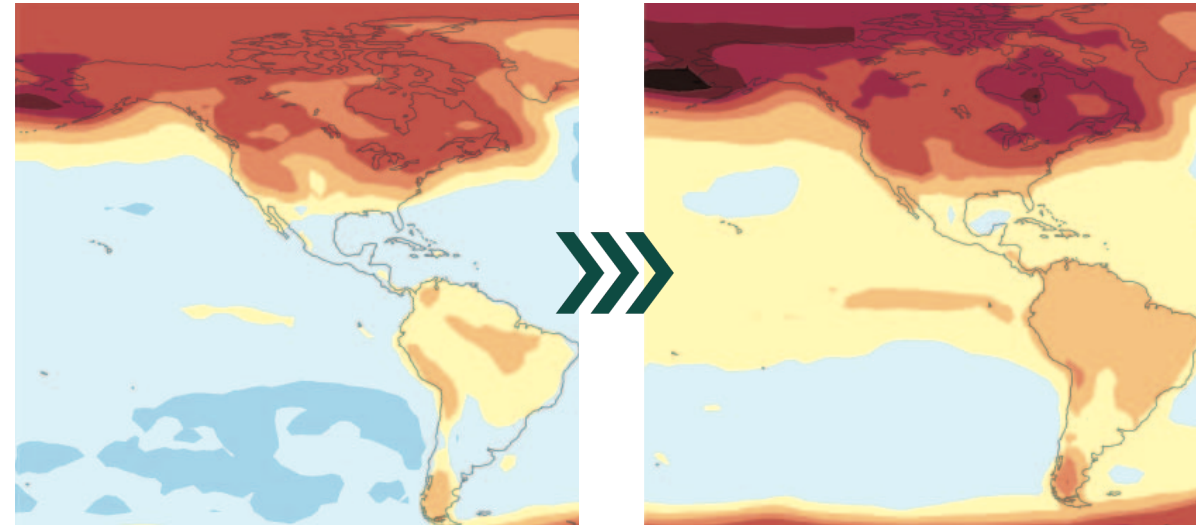
2.0°C Global Warming



Change in Average Temperature of Coldest Nights

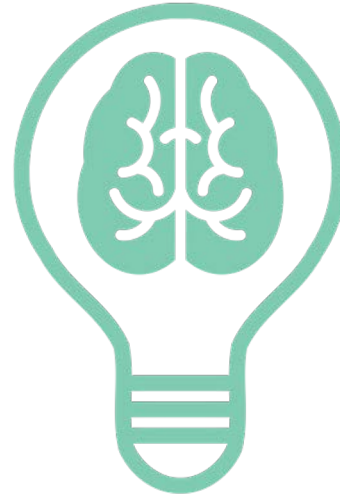
1.5°C Global Warming

2.0°C Global Warming



°C





The Americas

Our Challenge



Report Context & Framework

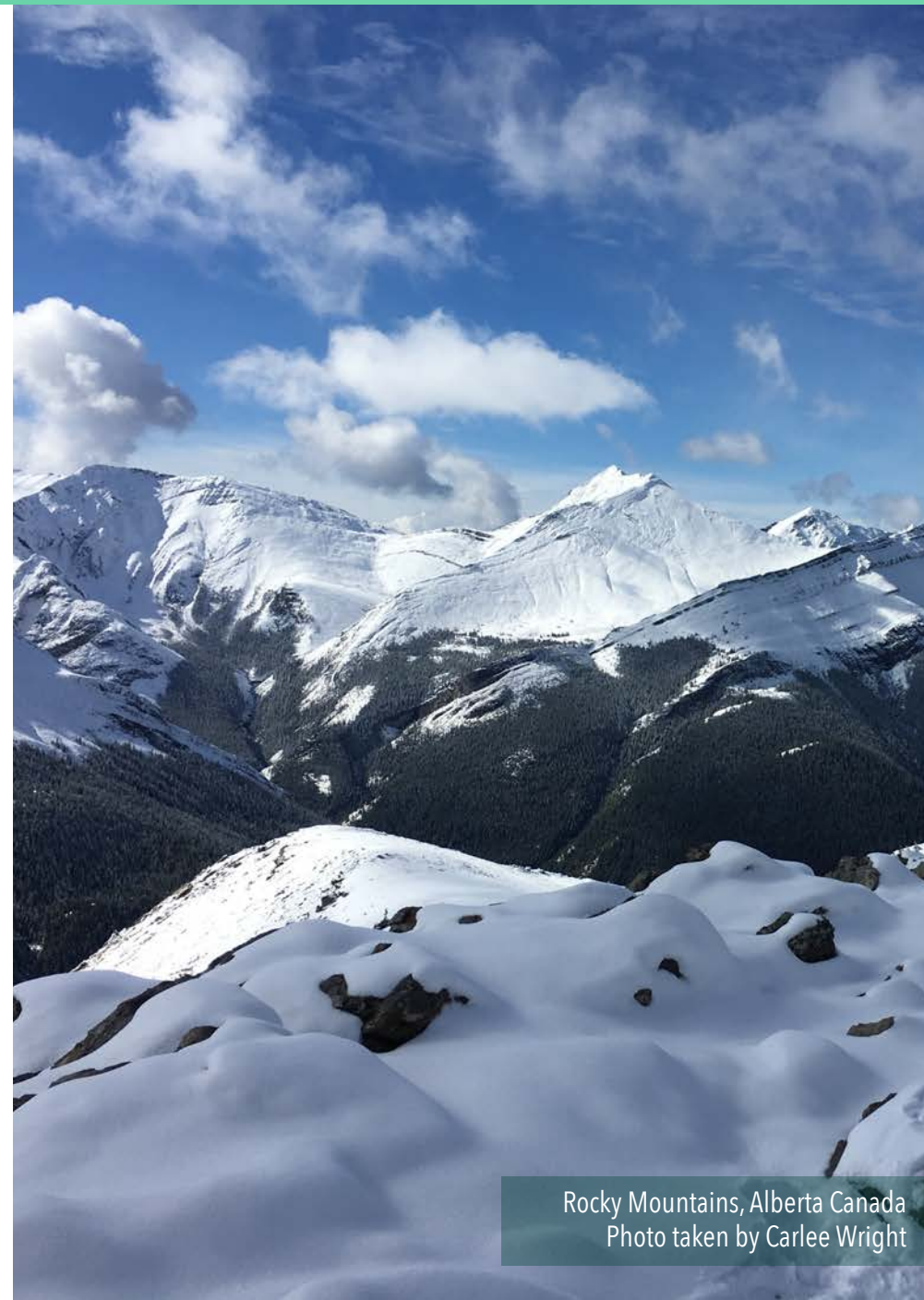
- »»» Draws upon climate change and health syntheses
- »»» Advance previous reports via strengthened emphasis on local context and impacts of non-climatic variables



Rigolet, Nunatsiavut, Canada
Photo taken by My Word Team

Layout of health impacts

- »»» Current status and impacts
- »»» Projected impacts on health outcomes
- »»» Adaptation and mitigation strategies
- »»» Case studies



Rocky Mountains, Alberta Canada
Photo taken by Carlee Wright

Climate-health impacts



Heat-related
morbidity and mortality



Respiratory
health and wellness



Infectious
disease



Nutrition
and food security



Mental health
and wellbeing



Climate disaster
injury and death

Adaptation

- »»» Adaptation assessment tools in the Americas
- »»» Efficacy of adaptation options and responses
- »»» Limits of adaptation



Photo taken in Peruvian Amazon with informed consent by IHACC

Mitigation

- »»» Co-benefits to health
- »»» Can health benefits motivate mitigation actions?



Iqaluit, Canada
Photo taken by Anna Bunce

Research gaps

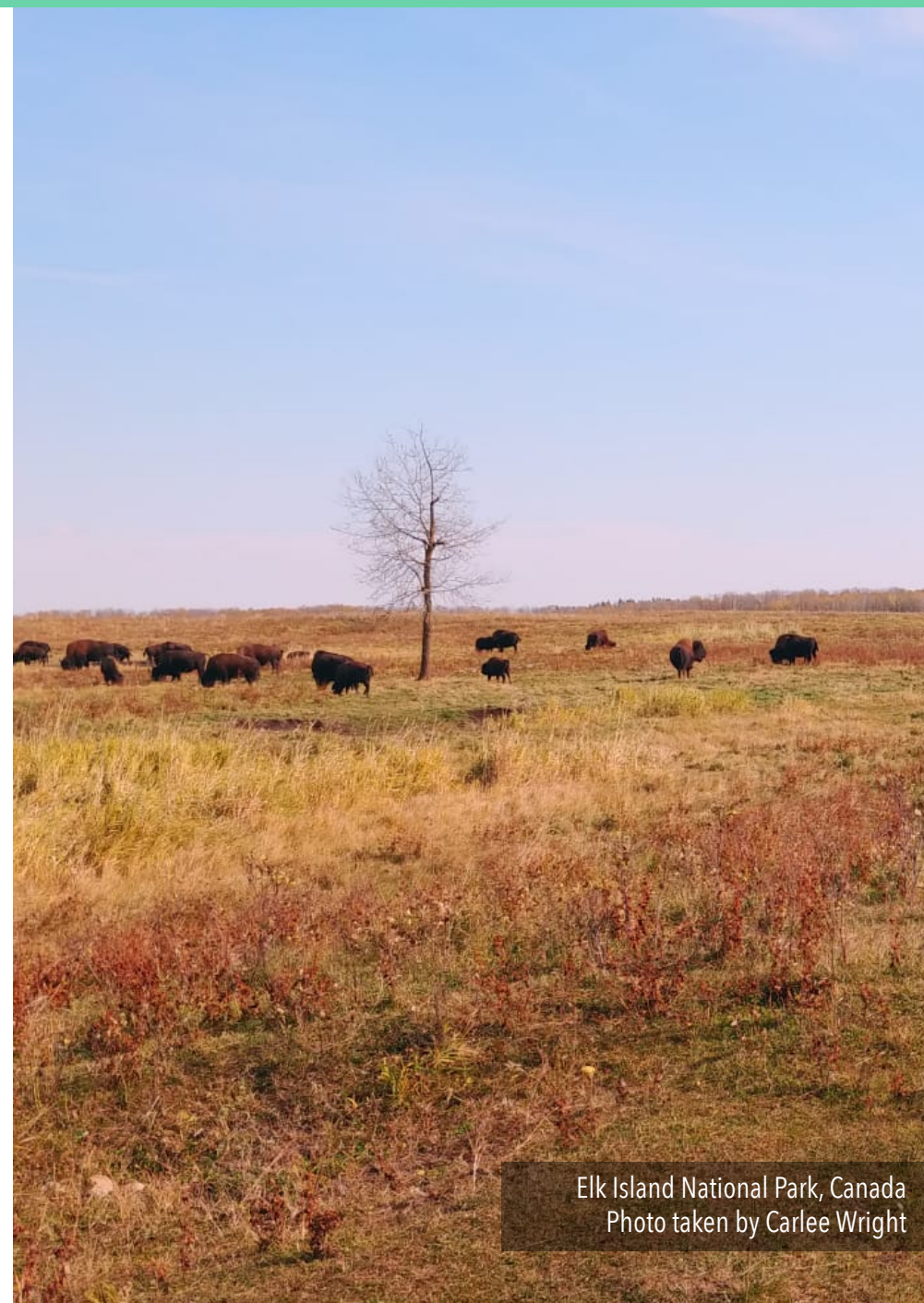
- »»» Geographical coverage
- »»» Assessments by different social factors
- »»» Research on adaptation vs mitigation
- »»» Projections



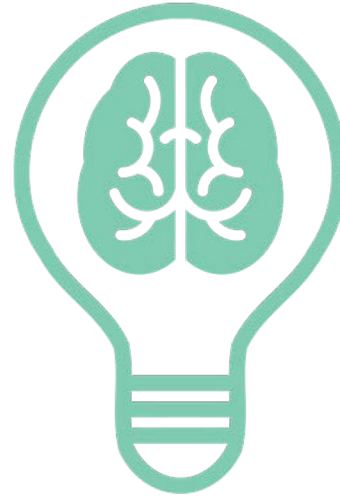
Key recommendations

»»» Adaptation and mitigation recommendations

»»» Future research



Elk Island National Park, Canada
Photo taken by Carlee Wright



The Americas

Our Challenge >>> Our Strength



CLIMATE CHANGE & HEALTH IN THE AMERICAS

iap SCIENCE
HEALTH
POLICY
the interacademy partnership



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Rocky Mountains, Alberta Canada
Photo taken by Carlee Wright