



THE STATUS OF CLIMATE CHANGE EDUCATION

IN PLANNING PROGRAMS ACROSS CANADA



UNIVERSITY OF
WATERLOO

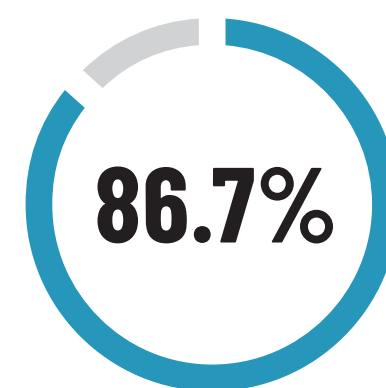


WATERLOO
Climate Institute

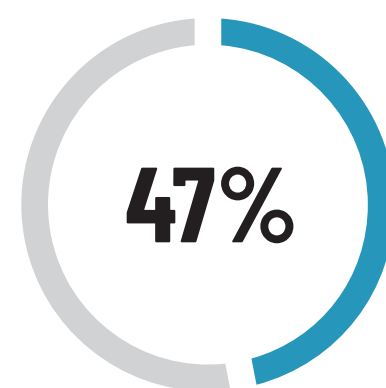


Natural Resources
Canada

Ressources naturelles
Canada



86.7%
of planning
programs
include climate
science basics!



However, only **47%** of Planning
programs have worked on broadly
integrating climate change into their
program outcomes and courses.

Top 3 barriers

to the integration of climate change education in planning programs:



**Financial
constraints**



**Time
constraints**



**Expertise
constraints
of instructors**

Top 3 enabling factors

for climate change education in planning programs:

1

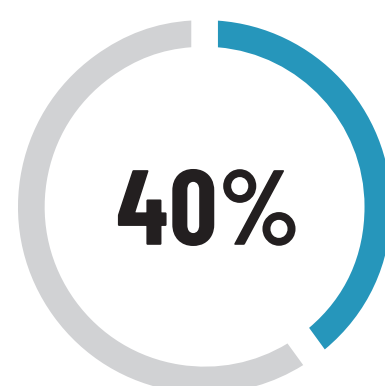
Faculty interest & expertise

2

Student enthusiasm

3

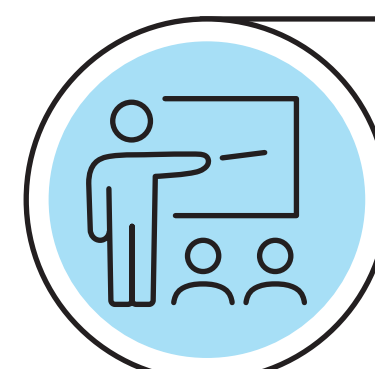
Institutional strategic priority
or campus initiatives



of planning programs
agreed that teaching about
climate change requires
special pedagogical
approaches, supports and
educational resources!

Top pedagogical approaches

used in planning programs:



Standard approaches:

- lectures
- guest speakers
- seminars
- research



Hands-on:

- case-based learning
- experiential learning
- workshops
- projects

Support needed

Planning programs can benefit from additional support in integrating climate change education into their program, including:

**Help with the
development
and redesign
of courses**

**Access to
relevant
teaching and
learning
resources
and tools**

**Climate
pedagogy
professional
development
for faculty**

