



Sustainability Trends in Higher Education: An Analysis of the *International Journal of Sustainability in Higher Education*: 2010-2019

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# Global Warming

Change accelerated 17x's faster -  
last decade

## Temperature rise

- Sea levels (ph & acidification)
- Extreme weather
  - Food insecurity
  - Climate refugees
- Extinction

## Causes

- Pollution
- Deforestation
- Animal agriculture

# Project Description

## Analysis of International Journal of Sustainability in Higher Ed

- No journal dedicated to same topic

## Data collection:

- Initially (20 years of journal)
  - University & country of authors
  - # of articles w/ authors from 2+ countries
  - Keywords - do themes emerge?
    - 12 themes in journal
- Final project
  - 10 years
  - No keywords

# Findings



437 articles published



332 different institutions

Most listed 1 time



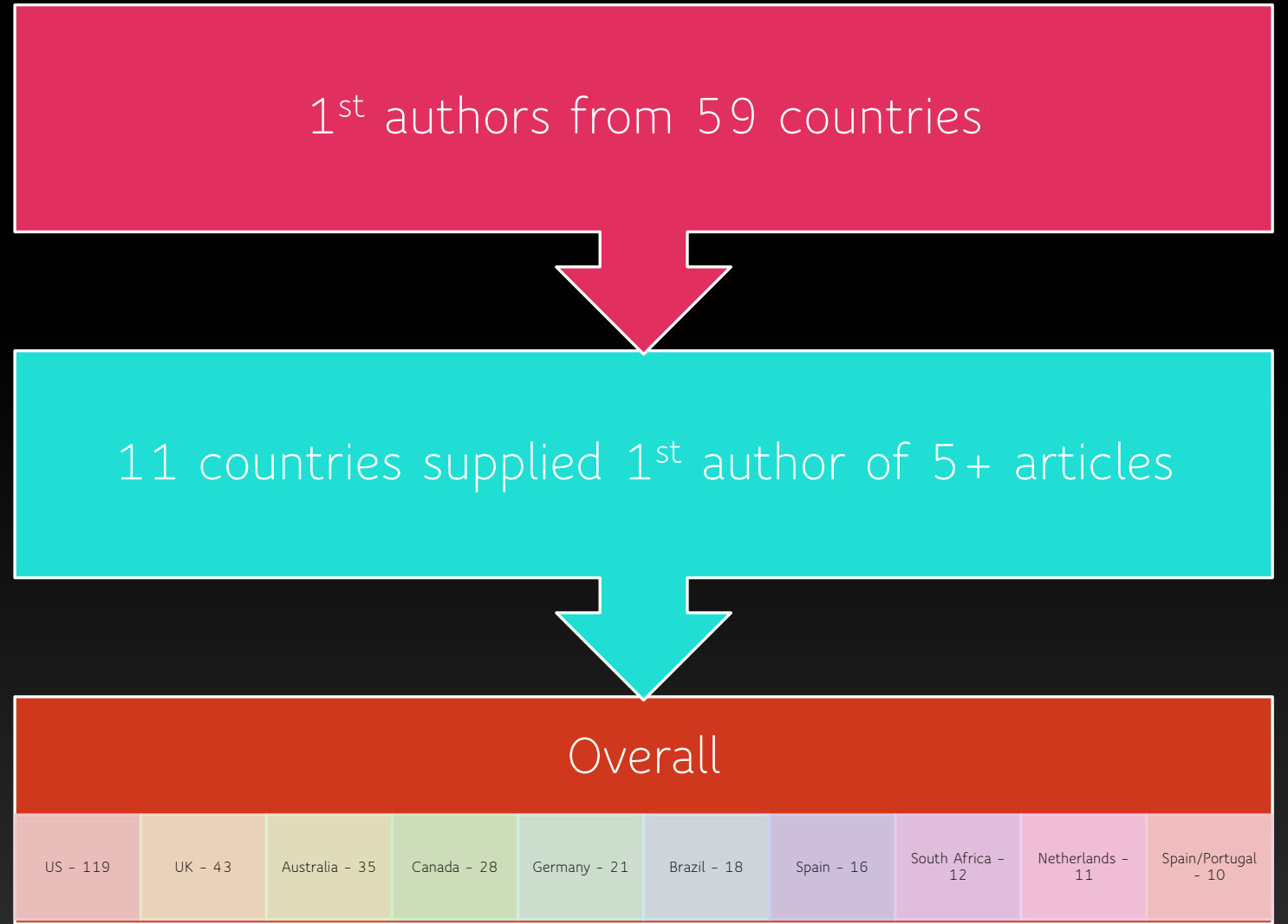
Highest contributors  
(University)

Royal Melbourne Institute of  
Technology - 8

MSU/Arizona State - 6

University of  
Hamburg/Chalmers Univ. - 5

# Findings Continued



# Article Analysis (not 1<sup>st</sup> author)

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333 institutions



Most didn't contribute more  
than 1 article

# Results show US...

- Past decade – scientists/scholars dedicated to sustainability
- No dominant voice
  - No one appeared more than 8 times
- Some collaboration – not much
  - 12% of articles

# Things to note

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Articles published elsewhere



English journal

US, UK, Australia



US isn't recognized in terms  
of sustainability



Human error in measurement



## Carbon neutrality – 2050/2065

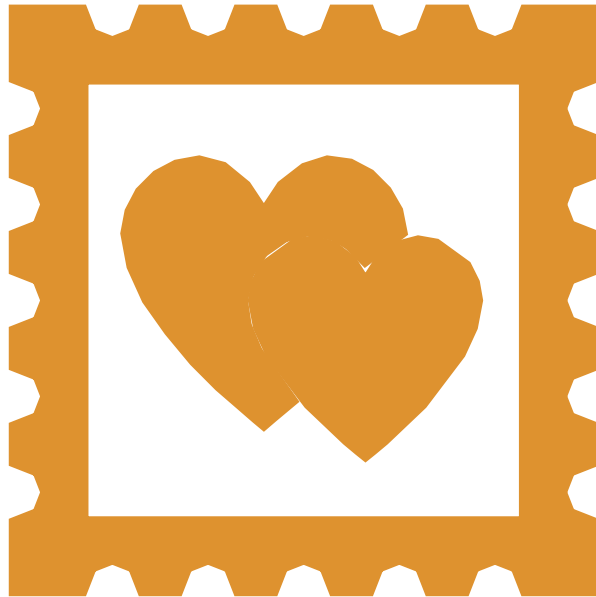
- Cut emissions 50% by 2030

## Office of Sustainability

- Mission/goals – does WMU meet them?
- 28 articles published (2015-2019)

# Overall

- Solid evidence that journal has provided a means of information about sustainability
- Hopefully WMU & everywhere commits to sustainability
- Future after COVID-10???



# Thank you!

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- Thomas Kostrzewa – Thesis chair
- Anita Li – Committee member
- Parents
- Family & friends
- WMU