Universities facing Climate Change and Sustainability

Edited by Tristan McCowan, Walter Leal Filho, and Luciana Brandli

Climate Change and Sustainability

- Definition and impacts
- Scepticism and the role of education
- 2030 Agenda and the SDGs

The Role and Impact of the University

- Barriers and drivers for sustainability
- Assessment and reporting tools
- Characteristics, focus and ambition of 14 institutions in 7 countries, their stakeholders and its leaders

RECOMMENDATIONS to address the climate crisis and promote sustainable development

- Ensure a diverse system of higher education
- Establish specialist sustainability-focused institutions
- Promote interdisciplinary research and teaching
- Participate in green rankings
- Involve students fully as active participants
- Create plans for carbon emission reductions
- Ensure synergies between sustainability action and other global challenges
- Ensure environmental literacy for all students
- Protect public funding and diversification of sources of income
- Provide opportunities for academic staff
- Build stronger ties with local communities
- Promote further research on universities and sustainability

Brazil
- University of São Paulo
- University of Southern Santa Catarina

Germany
- Freie Universität Berlin
- Eberswalde University for Sustainable Development

India
- Pondicherry University
- Indian Institute of Technology – Gandhinagar

Japan
- Tohoku University
- Ritsumeikan University

South Africa
- Stellenbosch University
- University of South Africa

UK
- Nottingham Trent University
- University of Edinburgh

USA
- Arizona State University
- Middlebury College

Scan the QR-Code to read the full version of the study