

Online Education - Bringing UCD Expertise To Tanzania

Achieving SDG4 through sharing skills to improve curricula and pedagogies

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Developing teaching and research partnership between UCD, TCD and Dar Es Salaam University College of Education (DUCE)

- ▶ DUCE = Secondary school teacher training university for Tanzania
 - ▶ Tasked with developing CPD postgraduate programmes for working teachers on key topics from the SDGs including gender equality and climate change.
- ▶ Established relationship with TCD on gender equality
 - ▶ Dr Susan Murphy
- ▶ Needed expertise for the development of online teaching and climate change education
 - ▶ Dr Conor Buggy

Climate Change Awareness and Education Programme (Multi-staged research and educational initiative)

- ▶ 4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.
- ▶ 4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.
- ▶ 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.
- ▶ 4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing states.

Climate Change Awareness and Education Programme (Multi-staged research and educational initiative)

Stage 1

- Secondary Curriculum Review of Climate Change Info.
- Knowledge, attitudes and awareness survey of incoming first year students at DUCE.

Stage 2

- Knowledge, attitudes and awareness survey of secondary school students at a large secondary school in Dar Es Salaam used for teacher training.
- Knowledge, attitudes and awareness of secondary school teachers.

Stage 3

- Identify the gaps in knowledge arising from an incomplete and incorrect curricula
- Develop an e-learning package to address those gaps and deploy with before and after testing as a pilot educational intervention.

Stage 4

- Deploy the revised e-learning package online and make available freely to secondary school teachers as introductory CPD.
- Develop an e-learning package specifically for secondary school children and deploy on a pilot scale with before and after testing.

Stage 5

- Assist DUCE in development of an e-learning professional programme specifically for climate change education.

SDG interlinkages arising

- ▶ 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.
- ▶ 12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.
- ▶ 17.9 Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation.

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