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(POS-41) How can sustainability be integrated into the research culture?

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In September 2015, UN member states adopted the Sustainable Development Program known as Agenda 2030. This program defines targets to be reached by 2030 to meet the challenges of the current and future environmental crisis.
The UN's Sustainable Development Goals (SDGs) provide a reference framework for operationalizing sustainable development, including adaptation to climate change, improving global health and reducing social and environmental inequalities. This framework proposes 17 SDGs divided into a number of targets which, taken together, will ensure a more viable future for generations to come.

Universities have a role to play in building a more sustainable future, through knowledge development, education and knowledge transfer on major societal issues. Furthermore, universities can contribute by adopting sustainable approaches throughout the entire research process, from conceptualization to execution.
Our work builds on these concepts by developing tools for more sustainable scientific research, both in terms of the research object and the way research is carried out in the laboratory. Additionally, our objective is to identify barriers and overlooked areas in research when adopting a sustainable development approach. This works aims to brings researchers together to explore and discuss innovative strategies and best practices for incorporating sustainability into research practices. By recognizing the intrinsic connection between research and sustainability, we can foster interdisciplinary collaboration, enhance knowledge transfer, and accelerate the adoption of sustainable principles across various academic disciplines.

Keyword-1

Research sustainability

Keyword-2

Education

Keyword-3

Primary authors: CACOT, Laura; Ms BOITEUX, Manon (Université de Montréal); STAFFORD, Luc

Presenter: CACOT, Laura

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