

**NISANSA Forum:
Social Impacts of Climate Change in the Global South**

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Sustainability Innovation from a Southern African Perspective and its Role in Climate Policy Response in the Global South

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Sustainability Innovation is a concept that refers to a type of innovation that is a combination of eco-innovation and social innovation, in which the innovation is not only profitable but also provides ecological and/or social benefits (2023).

Sustainability innovation has, over the past decades, evolved as a concept to analyse and shape social responses to climate change. (How) has it helped to address climate change? Where do we see social and ecological benefits from sustainability in Africa and the Global South.

The presentation comprises three components. First, we will look at our contemporary conjuncture with a focus on Planetary Boundaries and Sustainable Development Goals in Africa. The second section presents some of the continental Science, Technology, And Innovation data. The Third section analyses the empirical information and reflects on the concept of Sustainability Innovation as a framework to understand Africa' current position in the climate change discourse. The conclusions suggest further research challenges emerging from the Presentation.

This presentation will draw upon the empirical data collated by the African Science, Technology, and Innovation Indicators Programme of the African Union Development Agency (AUDA-NePAD), as well as the experiences gained from teaching a module on Planetary Boundaries, Sustainable Development Goals, and Science, Technology, and Innovation to the United Nations Educational, Scientific and Cultural Organization' Southern African Development Community's Science, Technology, And Innovation Training Programme cohort of 2021/22.

Innovación sostenible desde una perspectiva sudafricana y su rol en política climática en el sur global

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La Innovación sostenible es un concepto referido al tipo de innovación que consiste en la combinación de eco-innovación e innovación social, en la cual la innovación no solamente es rentable, sino que además provee beneficios sociales y ecológicos.

Durante las décadas anteriores, la innovación sostenible ha evolucionado como un concepto para analizar y enmarcar las respuestas sociales al cambio climático. ¿Cómo ha ayudado este concepto a abordar el cambio climático? ¿Dónde vemos beneficios ecológicos y sociales derivados de la sostenibilidad en África y el sur global?

La presentación comprende tres componentes. Primero, abordaremos la coyuntura contemporánea con enfoque en los límites planetarios y los Objetivos de Desarrollo Sostenible en África. En la segunda parte se presentarán algunos de los datos continentales de Ciencia, Tecnología e Innovación. El tercer componente consistirá en un análisis de información empírica y reflexiones sobre el concepto de innovación sostenible como marco teórico para entender la posición actual de África en los discursos de cambio climático. Finalmente, en las conclusiones se mencionan algunos retos futuros de investigación que emergen de la ponencia.

Esta presentación se basará en los datos empíricos recopilados por el Programa Africano de indicadores de ciencia, tecnología e innovación de la Agencia de Unión Africana para el Desarrollo (AUDA-NePAD), así como las experiencias obtenidas al enseñar un módulo sobre límites planetarios, Objetivos de Desarrollo Sostenible, y Ciencia, tecnología e Innovación a la cohorte del Programa de Capacitación en Ciencia, Tecnología e Innovación de la Comunidad de Desarrollo de África Meridional de la Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura de 2021/22.

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