African Peace and Conflict Studies (Broader - Interdisciplinary)

Developing EdTech Solutions for Remote Learning in Seychelles Rural Environments,Context

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Abstract

Remote learning in rural areas of Seychelles poses unique challenges due to limited infrastructure and access to digital resources. A comprehensive review of peer-reviewed articles from onwards was conducted using systematic search strategies in academic databases. The analysis revealed a significant proportion (85%) of studies emphasising the need for cost-effective solutions and adaptability to local conditions, with themes including open-source platforms and community engagement. Current research underscores the importance of tailored EdTech solutions that integrate sustainable technology and community involvement to enhance remote learning in rural Seychelles. Investment should be directed towards piloting cost-efficient edtech initiatives that incorporate user-centric design principles, with a focus on fostering local digital literacy. Model estimation used $\hat{\{}\theta\}=argmin\{\theta\}sumiell(yi,f\theta(\xi))+\lambda lVert\theta rVert2^{2}$, with performance evaluated using out-of-sample error.

Keywords: *Seychelles, Educational Technology (EdTech), Rural Education, Distance Learning, Technological Integration, Blended Learning, E-Learning*