

Abstract

Among the 17 sustainable development goals specified by United Nations organization in 2015, goal four is the key for progress towards the achievement of all the other goals. However, studies show that this goal is yet to be achieved among African universities in terms of supervision due to inadequate availability of supervisors to their research students. Ambient learning approach promises to address the problem by allowing access to education services like research supervision at anytime, anywhere and anyhow. Nevertheless, little research has been conducted to assess its effectiveness towards achieving sustainable development goal four. The aim of this paper is to describe a model that illustrates how ambient learning systems can be combined with decision support tools to support evaluation of its effectiveness.