Theoretical Foundations of Computer Supported Sustainable Learning Processes (CSSLP)

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Abstract: This paper introduces the concept of computer supported sustainable learning processes (CSSLP) and presents a theoretical framework of the research area. Key aspects are discussed in relation to relevant terms and issues such as, learning processes, collaborative learning, distance education, distance learning, situated cognition, and situated learning. The main focus of the paper is to clarify the terminology introduced and used in our research about CSSLP. Constructivism and Papert’s constructionism is discussed as well as Resnick’s Distributed constructionism.

Normally the learning process, in educational settings is based on activities such as lectures, seminars, tutorials and practical work. From our point of departure the learning process differ a lot, and it is essential that within the research area of CSSLP different learning-processes and attached activities are elaborated and evaluated. The paper describes some fruitful approaches in this process.