

Active Learning with Toolbook

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The CLUES team is developing a library of CAL courseware modules in a range of land use and environmental science subjects. This courseware aims to provide a problem-oriented approach to learning, designed to foster students' enthusiasm, involvement and self-reliance.

The modules will be based on Toolbook tutorials into which activity-rich simulation models, games and multimedia applications will be embedded. These latter components are being developed in Microsoft Visual Basic and Microsoft Excel. To enable as much student engagement and participation as possible, Toolbook will be used to link the courseware components as an 'active learning environment'. This structure will allow close integration of the tutorial and other functional components, and create an appropriate environment for problem-based learning at this level.