Interdisciplinary Studio for Teaching 3D Landscape Visualization – Lessons from the LVML

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Abstract

There is an urgent necessity of accredited education and training programs for 3D landscape visualization at various levels of user. Experts have to gain the competence for assessing those techniques in terms of their options and limits in supporting communication in the planning process. This paper presents an interdisciplinary approach for teaching studios to improve students’ awareness of principles in 3D landscape visualization and application in participatory landscape planning and design. The studio was conducted in the LVML – Landscape Visualization and Modeling Lab at the ETH Zurich. Conducting studios that are interdisciplinary with regard to both the lab leaders as well as the students foster knowledge transfer from research findings to education and thus to praxis and seem to accelerate the speed of learning.

Keywords: LVML – Landscape Visualization and Modeling Lab, interdisciplinary lab, education, 3D landscape visualizations, planning workshops