

EUROPEAN VOCAL PEDAGOGY – DIGITAL RESOURCES TECHNOLOGY

sponsored by the Leonardo da Vinci Lifelong Learning Programme

16.02.2011 22:33 Uhr

GETTING STARTED: **VISUALIZATION** IN THE TEACHING STUDIO

DEVELOPING RECOMMENDATIONS FOR THE SELECTION AND APPROPRIATE USE OF VISUALIZATION METHODS.

- Explore context of visualization use and participation: engage interest, communicate, collaborate
- Identify students' needs and requirements: orientation, spatial understanding, assessing changes, credibility
- Compare conventional and digital visualization methods in a real teaching environment: realism, dynamic navigation, interactivity (i.e. a photo in a book vs. a 3-D model on computer)

Recommendations for use

- Mix methods – what works for one might not work for another
- Combined images support orientation and understanding
- Communicating limits supports the work rather than making it harder
- Compare before and after
- Give control and involve
- Use interactivity to stimulate interest and participation
- Give contextual information

Recommendations for facilitation

- Team of facilitators – team teaching
- Scripting and trial run of session
- Use of visualization takes time
- Tasks of the facilitator include providing
 - Orientation
 - Demonstration
 - Explanation
 - Coordination
 - Documentation

Our first job is still to teach, not to use technology. Technology, physiology and imaging should be the servants of our teaching

Adapted with permission from the dissertation *Visualization in Landscape Planning – Choosing appropriate Visualisation methods for Public Participation*

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