

# Augmented Reality as an Alternative for Landscape Visualization

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A large number of natural resource projects are now heavily reliant on complex, computer-based models that generate (potentially) large numbers of alternative scenarios. These scenarios represent land management alternatives which can be used to assist land managers determine the most appropriate solution for a given issue or set of issues.

With an increasing amount of modelling being undertaken, the ability to disseminate their outputs in a meaningful manner remains a challenge. While Virtual Reality (VR) has provided a cost effective method of visualizing and interacting with spatial data, its ability to immerse the user(s) is restricted. Augmented Reality (AR) offers a unique alternative, allowing users to visualize model inputs and outputs in a truly immersive manner within the physical environment being modelled.

This presentation will explore the practicalities of adopting AR as an interface to complex models and in-situ visualization of spatial data.