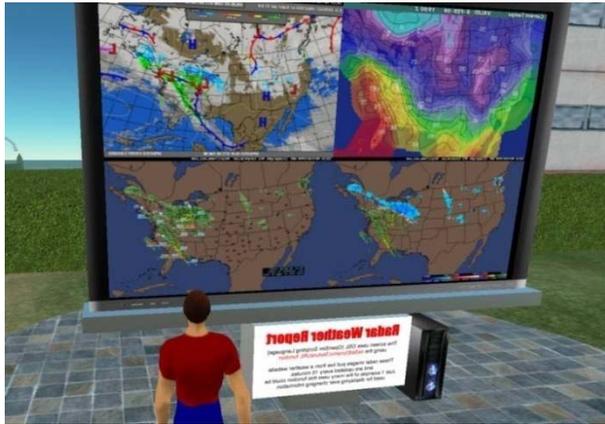


Modeling of Threat Scenarios in Real-World Environment via OpenSim (Second Life)

Modeling and Simulation Group



Problem Statement:

The application of serious gaming for science and technology initiatives has become a recent focus topic across a broad spectrum of interests including research projects into threat anticipation and modeling.

Technical Approach:

Within CSED, research and development is currently being pursued using the OpenSim Server, an open source version of Second Life, to simulate the initiating and proceeding elements of a terrorist event.

Benefit:

With the OpenSim Server, various scenarios can be played out that incorporate both the classical threat approach as well as novel approaches that may only occur in the statistical extremes of human behavior. These events can then be recorded for further study and application to real-world events.

