

NEW DIMENSIONS FOR TEACHING AND RESEARCH

The Liquid Galaxy



What Is the Liquid Galaxy?

The Liquid Galaxy is a large, interactive digital Earth display located in the Davis Library Research Hub. It displays satellite imagery from Google Earth and panoramic images from Google Street View. Images and spatial data can be layered on top of Google Earth. Contextual images, web pages, and movies can be displayed along with the geographic information.

Unlike a computer or projection screen, the Liquid Galaxy's immersive, large-screen display provides:

- Powerful sensory experiences that increase perception, encourage engagement, and support active learning
- Communal space to gather, explore, and share experiences
- Clearer and more realistic details that encourage interactive communication and storytelling

How Can the Liquid Galaxy Be Used in Teaching and Learning?

- Analyze variations in landscapes and built environments to synthesize concepts learned in class
- Inspect and discuss city structure, public art, architecture, and monuments
- Explore spaces, places, and cultures through open-ended discovery
- Build community through shared stories about places and experiences
- Present ideas and interpretations to classes of up to about 20 people
- Work with library staff to make presentations for independent viewing by large classes

How Can the Liquid Galaxy Be Used in Research?

- View and evaluate immersive scenes of distant environments without expensive travel
- Investigate satellite images in detail
- Examine marketing in a built environment
- Communicate research through an interactive presentation or exhibit

Get Started

The Liquid Galaxy is available whenever Davis Library is open. It can be reserved for classes. To learn about the Liquid Galaxy, contact the Research Hub: researchhub@unc.edu.

To discuss using the Liquid Galaxy in your course, request a consultation with the Center for Faculty Excellence: cfe@unc.edu.