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FIG. 56.—Example of Exumas GIS layers displayed in GoogleEarth.

gional images (those covering large areas) display most accurately when converted to a Geographic (latitude/longitude) map projection in WGS-84. Shapefiles can be imported directly into GoogleEarth with the Professional license (available for a nominal cost). Depending on size, the .kmz can be e-mailed as an attachment, transferred over the Internet via ftp, or burned onto a CD/DVD. The .kmz is secure in that only people with access to the file can see it on GoogleEarth; it remains on the local computer while being displayed on the imagery and maps that are streaming over the Internet to the computer.

Animation

Fly-through animations were generated using ESRI's 3D Analyst ArcScene and are included in the **Animation** folder in **Exumas DVD 1**. These were created interactively by manually "flying" through the visualization. When the fly-through was completed, the animation file was exported as a "Microsoft video" (.avi). Five files are included in the folder, and three different versions of the fifth one are included to show examples of adding captions and voice-over. One of the animations fades 3 GIS layers into and out of the scene (the 1984 Landsat image, the DEM, the DEM illuminated from the Northeast, and the "shallowest sands" map superimposed on the flood tidal delta map). These animations are an innovative way of displaying the data for this important modern environment and analog.