

Outline for November, 2007 Graphics SIG

Alex Dumestre, 15 November, 2007

1. **Google Earth** Free download from Google. Satellite view of entire earth
 - a. Navigate Tools
 - i. Pan with left mouse drag
 - ii. Zoom with mouse wheel
 - iii. Use controls in upper right corner
 - iv. Search box in *Search*
 - v. Predefined saved targets in *Places*
 - b. Some display controls in *Layers*
 - i. Most useful are *Terrain, Roads, Borders & Labels*
 - ii. Try others for special uses
 - c. Saving places of interest in *Places*
 - i. Add *Placemark*
 - (1) Drag marker to desired location
 - (2) Fill in Name (and change marker, style and color if desired)
 - (3) Go to *View* tab and click *Snapshot current view*
 - (4) OK
 - ii. Note that your placemark shows up in *Places*
 - d. Special features
 - i. Geotags
 - (1) Upload photo from Picasa using *Tools>Geotag>Geotag with Google Earth*
 - (2) In Google Earth, navigate to where picture was taken
 - (3) Click *Geotag* button in the Geotag box. Note thumbnail shows up after a minute or so
 - (4) Click on thumbnail to enlarge.
 - (5) Note that a new entry has shown up at bottom of *Places* pane in *Temporary Places*.
 - (6) If you wish to keep this marker you will have to drag the Photo marker up into the *My Places* section of the pane
 - ii. Tours
 - (1) Click on a level in the *Places* hierarchy that contains more than one marker, then click in the *Play tour* button at the bottom of that pane
 - (2) Click on map anytime during tour to halt it
 - iii. Note *Sky/Earth* toggle on toolbar
 - iv. Check out other info on *Layers* pane especially *Geographic Web, Traffic, Global Awareness, Places of Interest*.
 - v. Click on *View in Google Map* icon on toolbar to go to same location in Google Maps
 - vi. Note the *Hide Sidebar* icon on toolbar. This gives a full page view of maps

2. **Picasa** Another free download from Google. A very useful photo organization/editing program.
 - a. We looked a Geotag above
 - b. Let's look at the free Picasa Web Albums site:
<http://picasaweb.google.com/ADumestre>
 - i. You can register for your own free account to which you can upload photos
 - ii. You can e-mail friends and family to view and even download photo. This is a more efficient way than e-mail attachments to share a large number of photos with multiple friends
 - iii. You or your friends can order prints for a nominal charge
 - iv. You can have the photos displayed as a slide show
 - v. You can post and display a map showing where the pictures were taken

3. **MSN Maps Live** Microsofts answer to Google Earth: <http://maps.live.com>
 - a. Web site only, no need to download a program as with Google Earth
 - b. Many of the basic capabilities of Earth but without bells & whistles – no flying from place to place, no tours, etc.
 - c. One very nice addition. In selected places you have the ability to display oblique, low level aerial photos taken from four different directions. Click the *Bird's Eye* button.

4. **ProShow Gold** The very nice Pan n' Zoom slide show producing program.
 - a. If time permits we will spend some time looking at some of the features of this very nice program.