Landforms and Topographic Maps

A good website to view some various landforms on topographic maps is located at: http://www.csus.edu/indiv/s/slaymaker/Archives/Geol10L/landforms.htm#Streams

This site has landforms for various landscape development processes discussed in class:

- Streams/river landforms
- Glacial landforms
- Coastal landforms

For each major group, you should examine the following:

**Streams/River Landforms**
- Alluvial fans
- Abandoned meanders
- Straight vs. meandering vs. braided channels
- Channel bars
- Cut off
- Cut bank, point bar
- Delta
- Drainage patterns: dendritic, radial, trellis, rectangular
- Floodplains
- Meanders, meander scars, oxbows
- Tributaries
- V-shaped valley vs. floodplain valley
- Stream/river terraces

**Glacial Landforms**
- Aretes, cirques, headwalls, horns, cols
- U-shaped valleys (glacial trough), hanging valleys
- Tarns, pater noster lakes, moraines
- Drumlins, eskers, kettles

**Coastal Landforms**
- Bays, beaches, & pocket beaches
- Headlands, wave cut cliffs, sea stacks
- Baymouth bars, spits, barrier islands (offshore bar)
- Wave cut terraces vs. marine (uplifted) terraces
- Tombolos