LINEWORK AND LETTERING

Glacier Project: Part 3
Week 10
Cartographic Design
Spring 2017
OBJECTIVES

Create a layout that shows changes in the aerial extent of mountain glaciers in some portion of your study region that could serve as a template for our group project. If your study region did not have any glaciers, then please collaborate with a partner on this layout.

Compile linework and lettering to place on your shaded relief map to create a reference map of your study region. The purpose of this map should be to identify locations with mountain glaciers or that formerly had mountain glaciers.

LAYOUT 1: CHANGES IN MOUNTAIN GLACIERS

Please think about designing your layout so that it could serve as a style sheet for the entire project. This will include the following tasks:

(1) Write down responses to the five patterns described in "More Artifact than Art."
(2) Define the paper size and scale for your case that could be extended to work for other cases.
(3) Describe the content variables that you will convey with graphic and typographic variables.
(4) Specify the graphic and typographic variables so that others could adopt them.

At a minimum, content variables should include:

(1) Types of aerial change
(2) Scale of cartographic source material
(3) Duration of time for change
(4) Reference features

LAYOUT 2: REFERENCE MAP OF STUDY REGION

Keep this simple. You will want to label mountain ranges, a few high peaks, major towns in the vicinity, and major roads. Ideally, you will also show and label lakes and rivers. It may be easiest to create this data by digitizing features in a good base map, like the National Geographic or USGS topographic maps from ArcGIS online, or by using Natural Earth.

DEADLINES

4/25 lecture. Layout 1 pin-up and discussion. Have your layout complete with your graphic and type specifications defined so that they can be shared.

4/27 lecture. Layout 2 pin-up. Have your reference map layout complete for a crit.

4/27 lab. Compile group project and revise layouts.

5/2 lecture. Submit deliverables.

REFERENCES

Geographx
ICA Commission on Map Design (Relief)
Patterson Making 3D Terrain Maps
Gamache River Road
Gamache-Yoho
Glacier Plan Oblique

White Mountains Annotation 01
White Mountains Annotation 02