

The review of related literature revealed one study that has used the suggested framework of comparative analytical methods combined with traditional concepts for studying source maps in the Ukraine by Andrew Modelski in 1986. The Modelski study employed the previously suggested analytical methodology with "[his] own procedures for carto-genetic map analysis." [Modelski, 1986] One of Modelski's procedures include the detailed use of physical manifestations stressing technical evaluation to be added to comparative cartographic methods. Although Modelski's study represents unique methods of technical evaluation of river lengths on comparative maps, however, it does not focus on empirical techniques as part of the analysis for the other carto-genetically related physical map features of his study.

This technique is valuable as applied to this study.

A review of the literature reveals other new ways of exploring old maps. An unconventional technique of map study and analysis is the proven "experimental" method demonstrated by Dr. Waldo Tobler for testing the hypothetical construction of some medieval maps on known projections. [Tobler, 1966] Tobler mathematically analyzes the angle and distance of map control points based on feature locations on the medieval maps and reconstructs possible map projections based on the analysis of the findings. Barbara Bartz Petchenik also used this