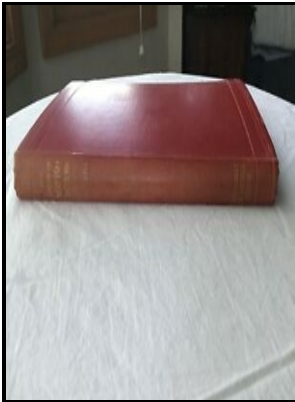# Introduction to the study of map projections

University of London Press - Map Projection Book Page

Description: -

-

Prince William Sound (Alaska)
Marine invertebrates -- Alaska -- Prince William Sound.
Benthic animals -- Alaska -- Prince William Sound.
Map projection.introduction to the study of map projections
-introduction to the study of map projections
Notes: Bibliography: p. 281-282.
This edition was published in 1962

Filesize: 69.38 MB

Tags: #Map #projection

Map Projections

Used for portrayals of areas near to, but on one side of, the equator. Flex Projector is a free, open source software program developed in Java that supports many more projections and variable parameters than the Interactive Album.

2(a). Introduction to Maps

Equal-area projections are preferred for small-scale thematic mapping discussed in the next chapter , especially when map viewers are expected to compare sizes of area features like countries and continents. Equidistance : correct representation of distances.

2.3 Map Projections

The two thick red lines marking the intersections of the globe and the projection surface the cone correspond with two standard parallels on the map.

An introduction to the study of map projections (Book, 1937) [styleguide.expo.io]

It is important to remember that the look of a projected graticule depends on several projection parameters, including latitude of projection origin, central meridian, standard line s , and others. Now many countries have completed coverage of their territories, while others have carried out small-scale coverage and are beginning engineering surveys in selected areas. Instead of the cylindrical projection surface used by projections like the Mercator shown above, the Lambert Conformal Conic and map projections like it employ conical projection surfaces like the one shown below.

Map projection

Bernhard Jenny of the Institute of Cartography at ETH Zurich created the program with assistance from Tom Patterson of the US National Park Service. The mathematical equations used to project latitude and longitude coordinates to plane coordinates are called map projections. New York: Marcel Dekker, 1979.

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