## Introduction

## to




## "Geography is the systematic study of the spatial patterns of all phenomena on or near the Earth's surface."



## Geography is:



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# In this night picture of the earth, why are some areas brighter than others? How would it have looked 200 years ago? 








0|---------------|100km
1 inch equals one mile



Distortion:
Size and Shape

## The standard map projection for nautical purposes.

## Mollweide Projection

Distortion:
Shape and Angle

Primarily used where accurate representation of area takes precedence over shape

## Robinson Projection



Primarily used to create visually appealing maps of the entire world.

## Azimuthal Equidistant Projection

## Distortion:

Shape and distance as one gets farther from the center.

Used when drawing Polar maps.

## Fuller Projection



## Peters Projection



Often seen as a politically driven map.


## Longitude



## Latitude



