

Map Projections

Cartography, make a bigger impact with maps

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by ESRI MOOC

How big is the Earth?

Equatorial circumference 40 075 km

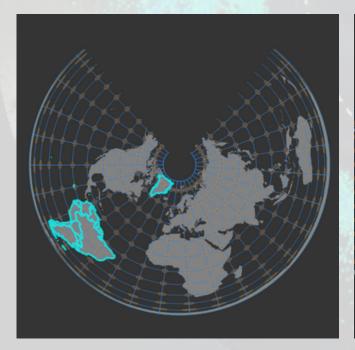
Meridional circumference 40 008 km

Why projection?

to reflect the roundish earth (3D) onto a flat surface (2D).

Types of projection





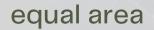




plate carree



mercator

YinSanWOO

Distortions caused by projection

