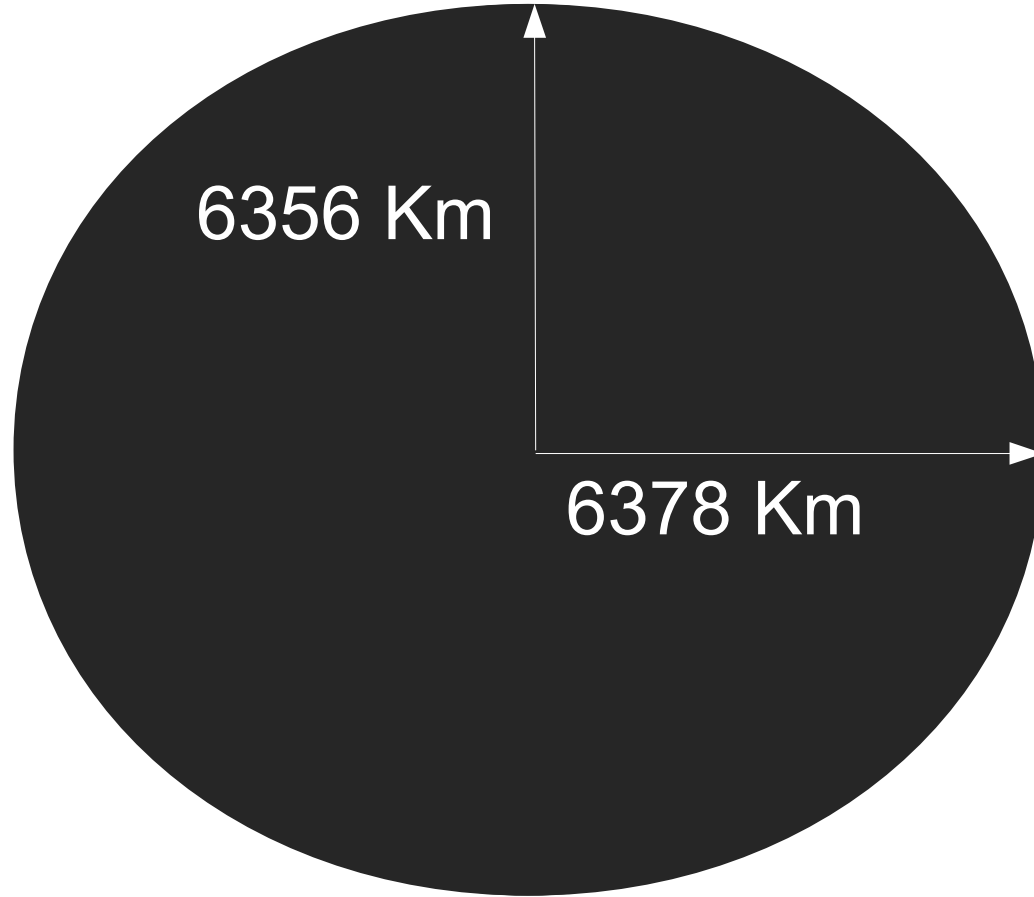
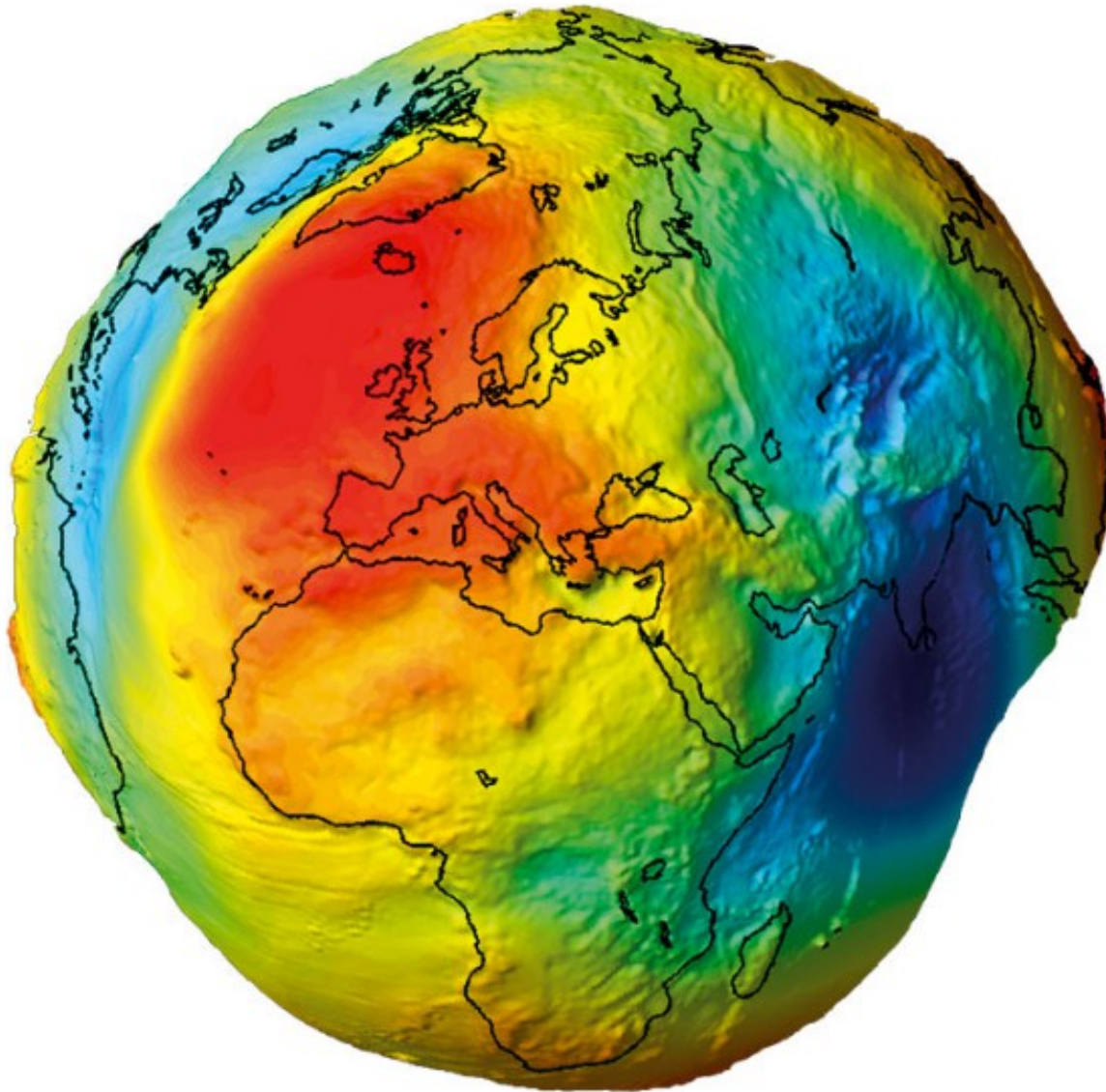


# COORDINATE REFERENCE SYSTEMS & MAP PROJECTIONS

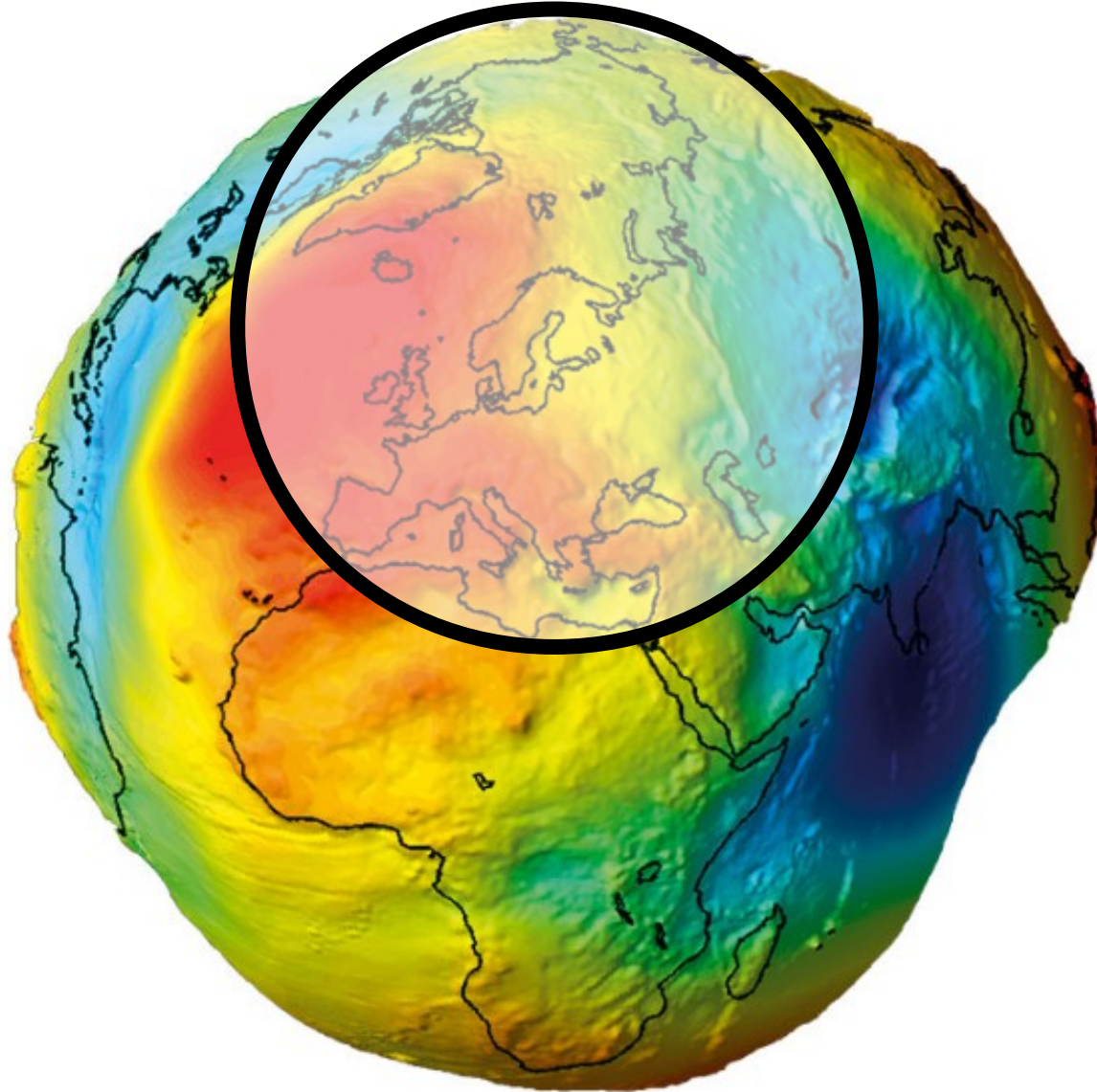
# THE EARTH IS NOT A SPHERE



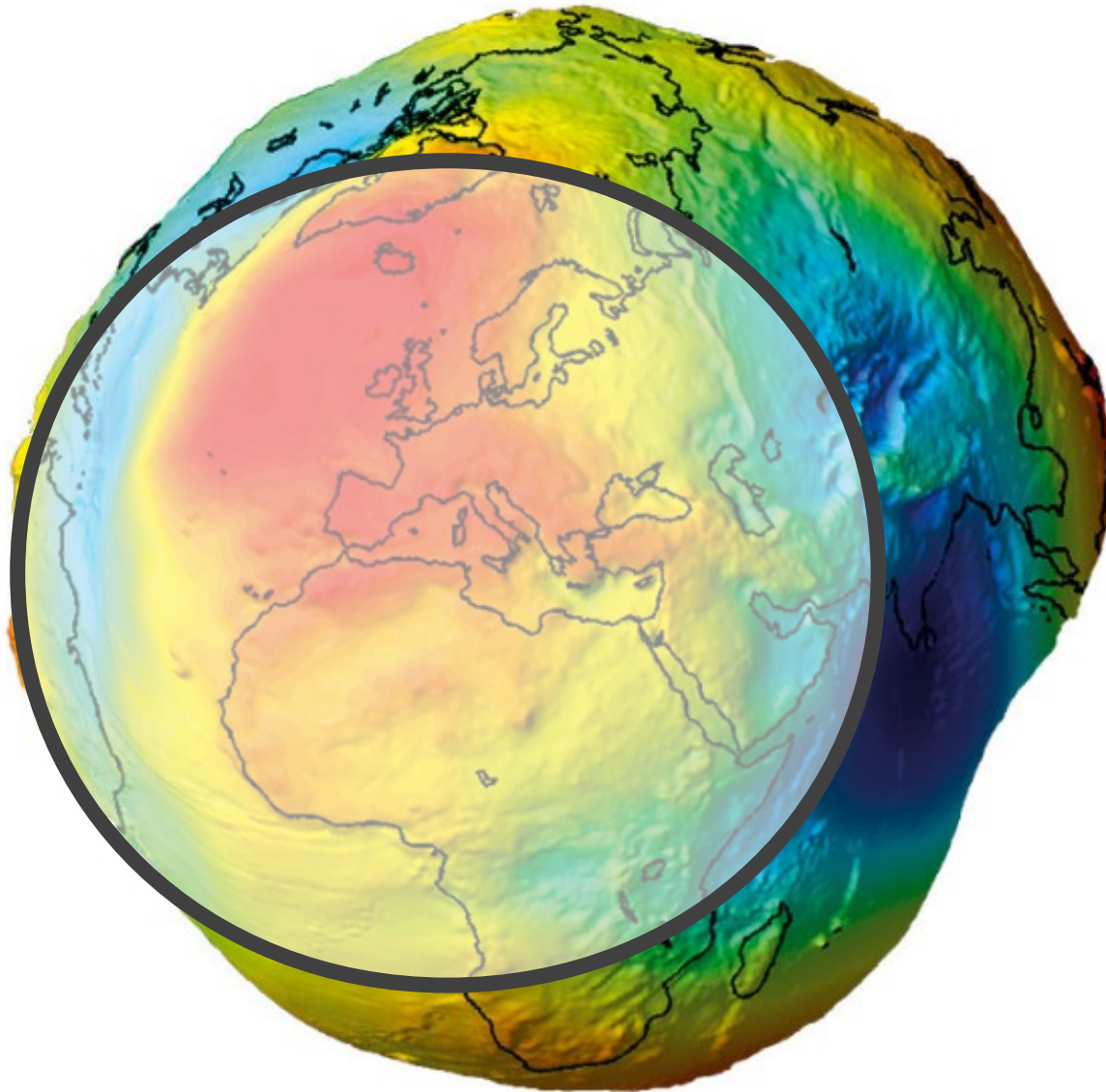
THE EARTH IS NOT AN ELLIPSOID EITHER



THE EARTH IS NOT AN ELLIPSOID EITHER

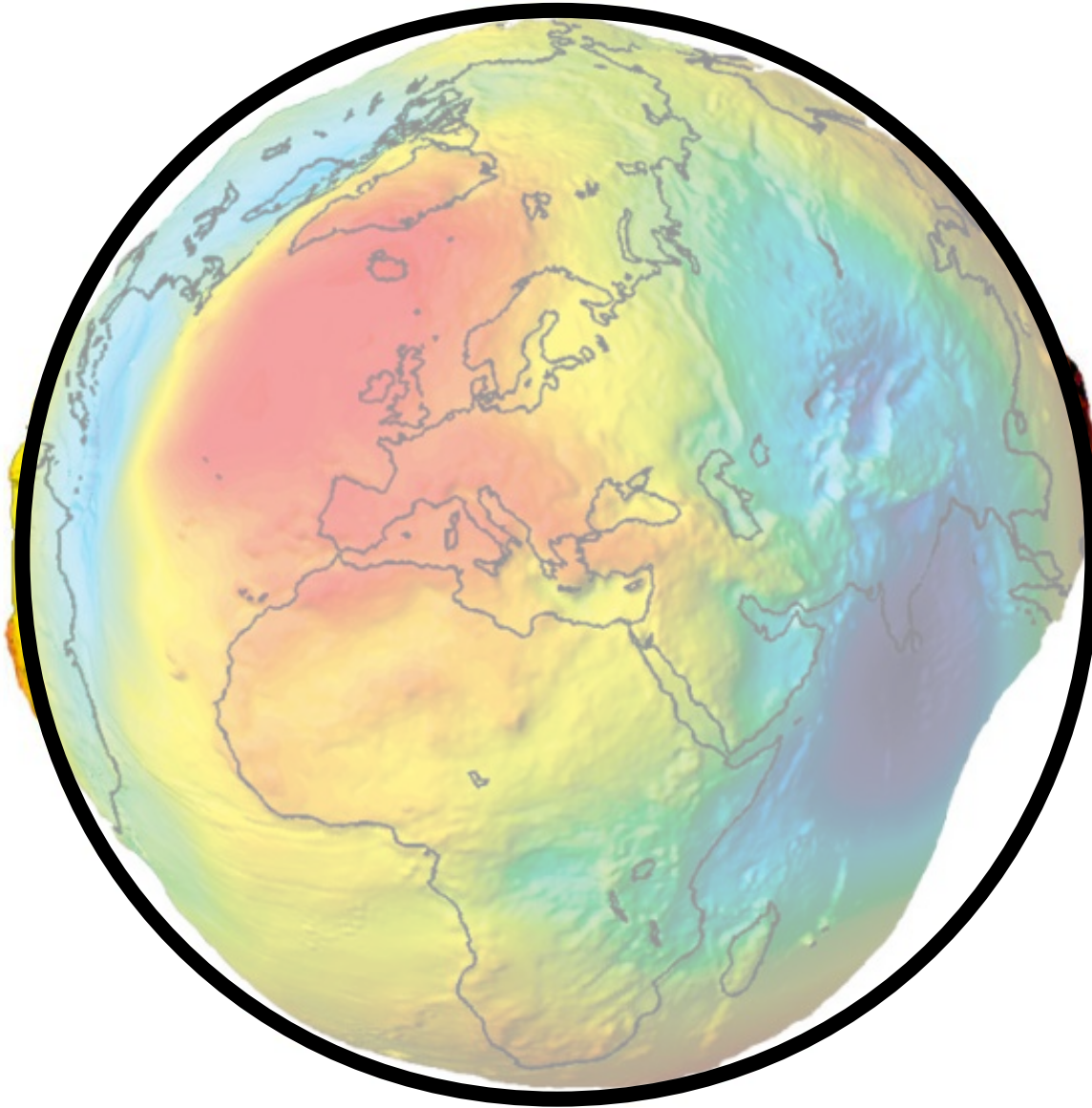


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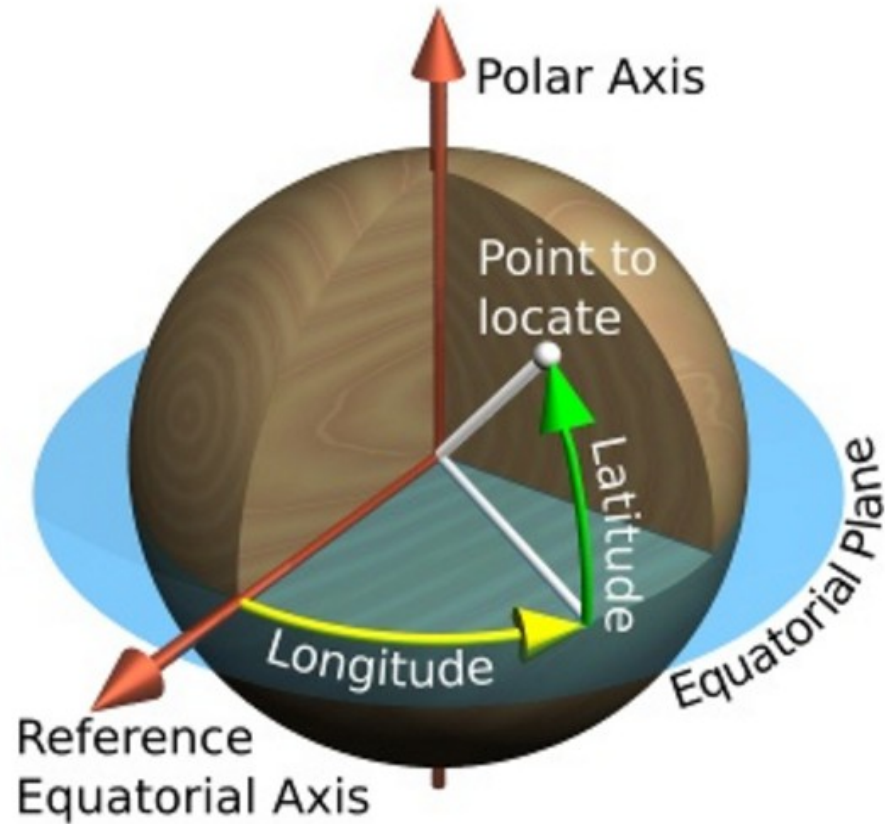


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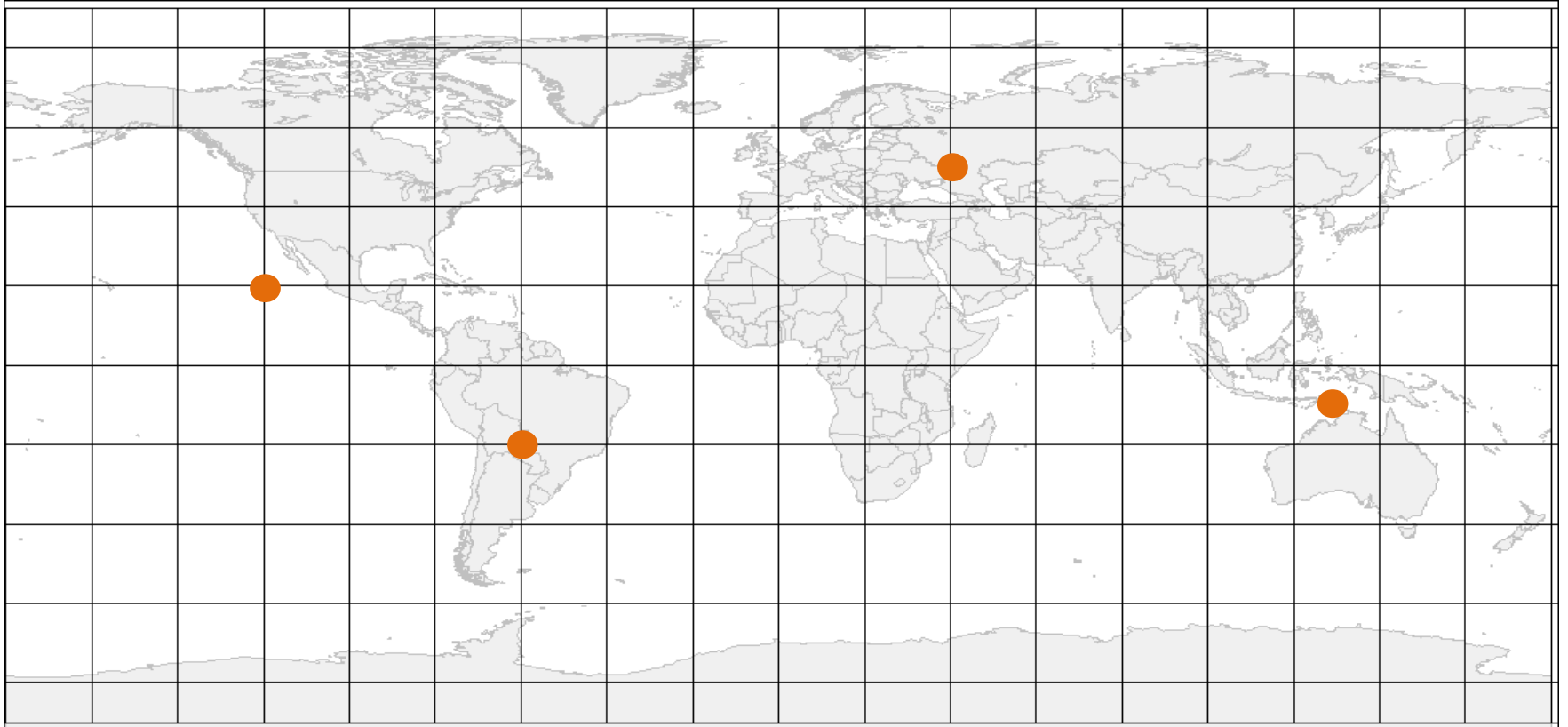


# SPHERICAL COORDINATES

<http://www.progonos.com/furuti>

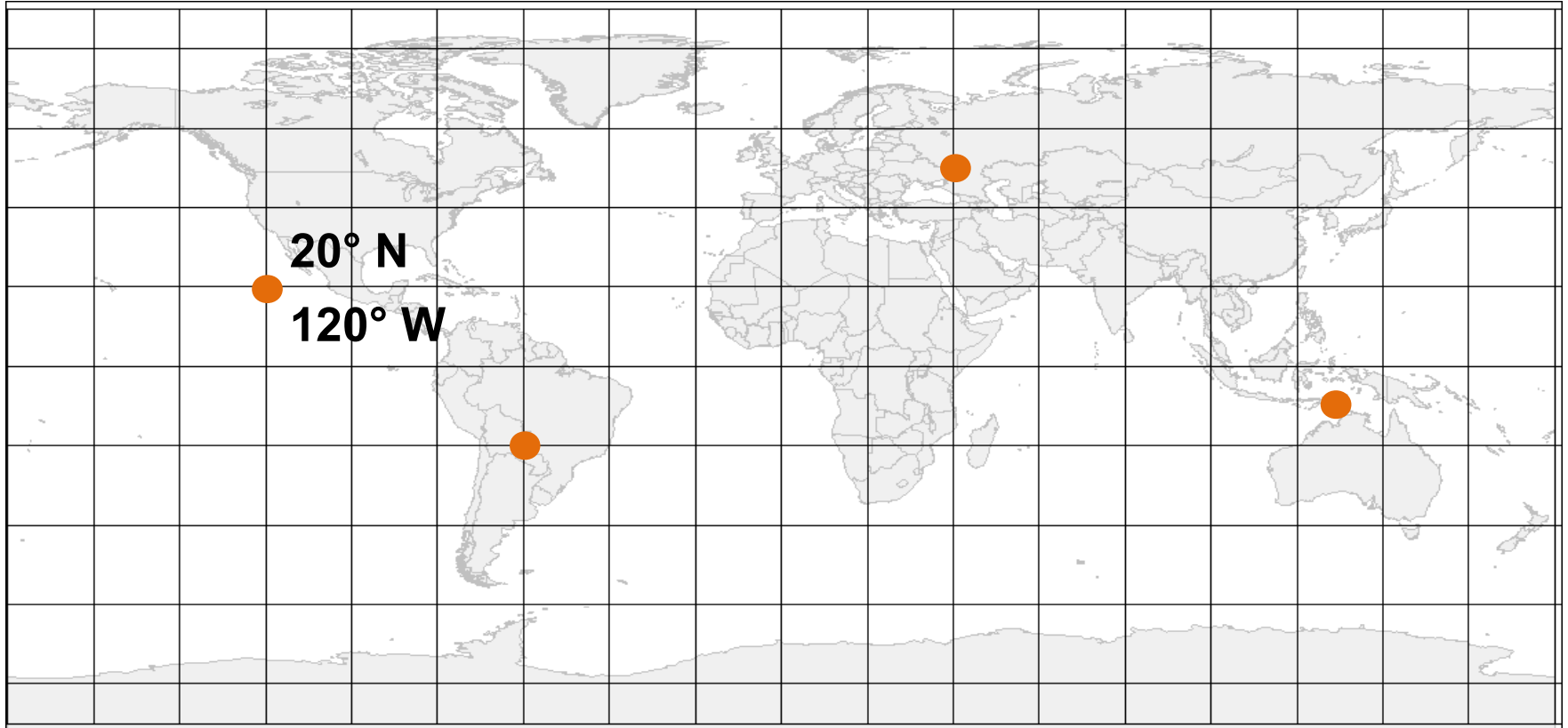


# CRS & MAP PROJECTIONS

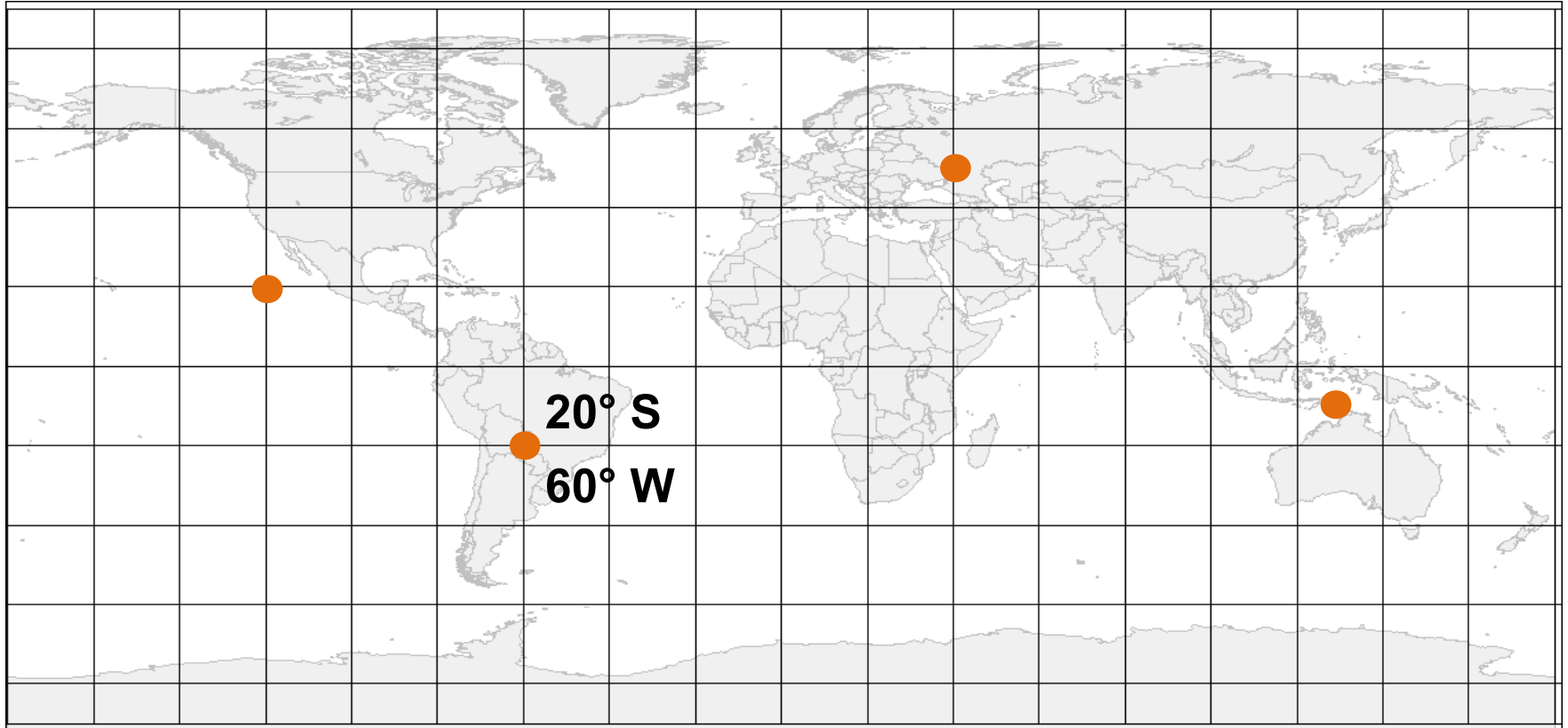




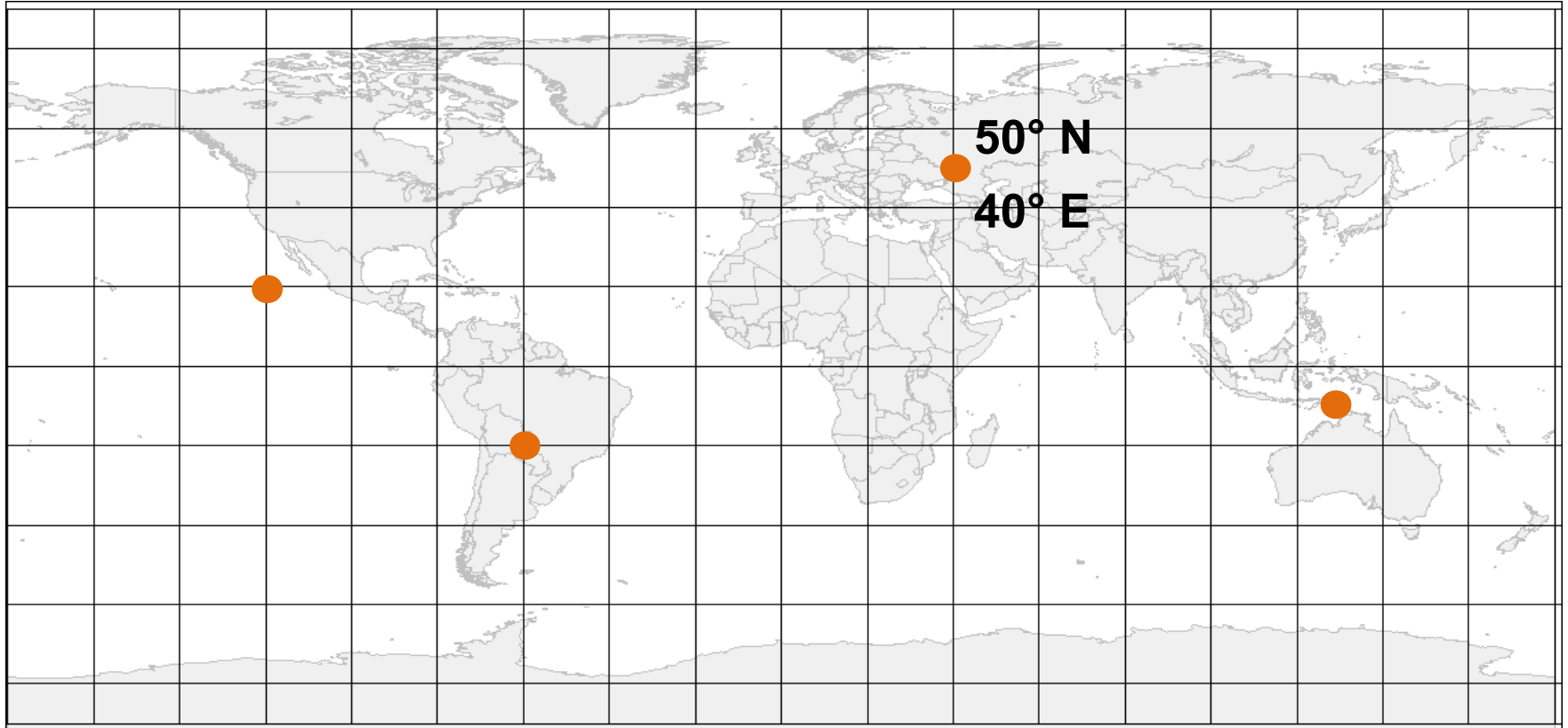
# CRS & MAP PROJECTIONS



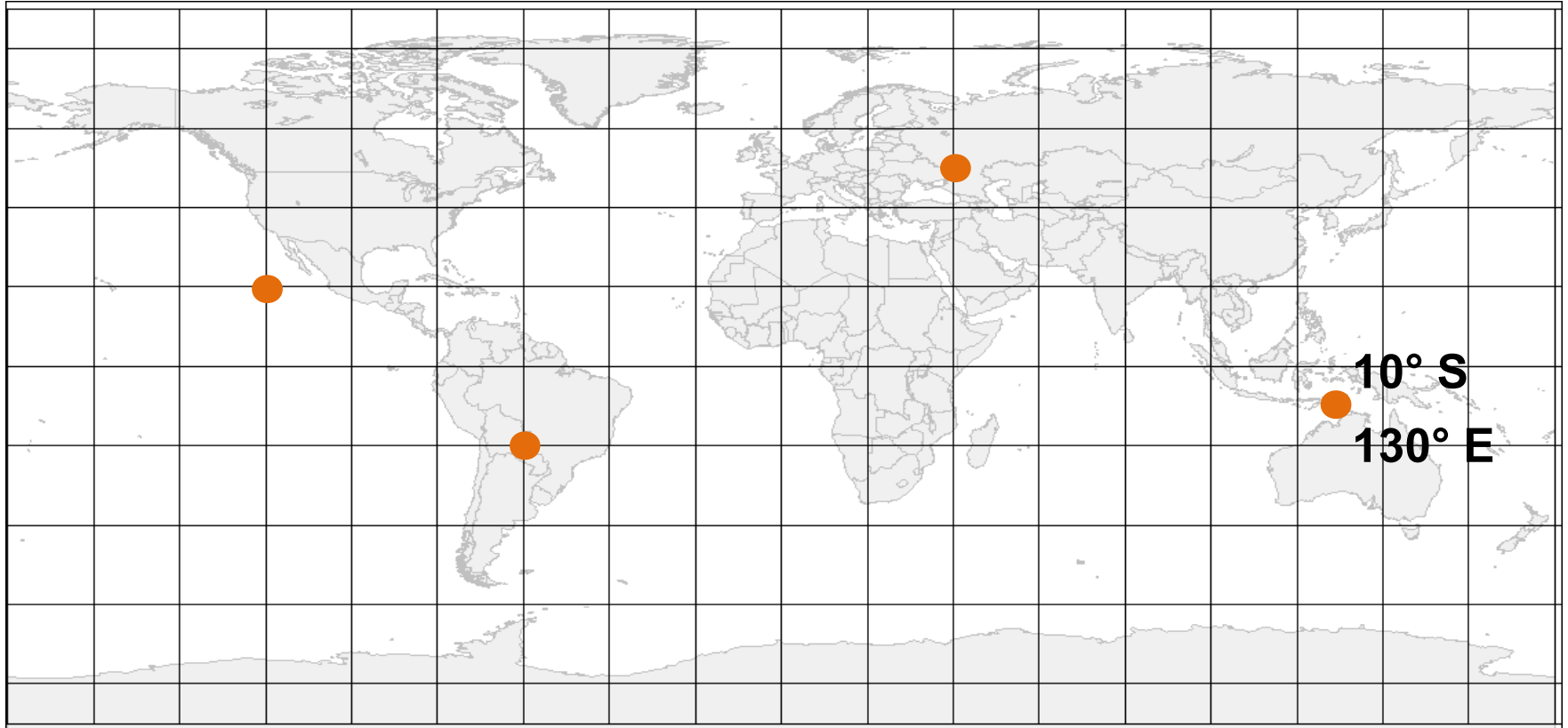
# CRS & MAP PROJECTIONS



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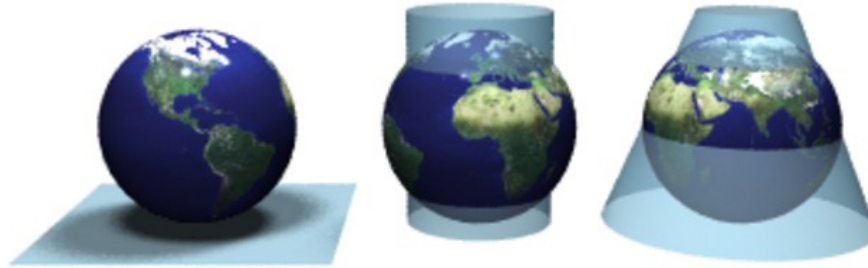


# CRS & MAP PROJECTIONS

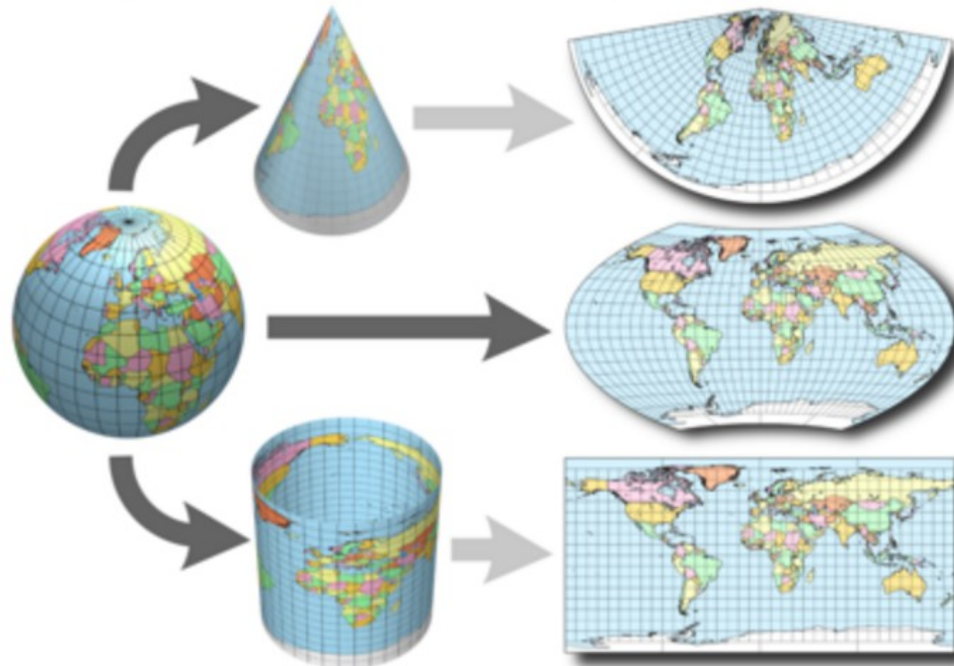


# FLATTEN THE WORLD

<http://www.progonos.com/furuti>

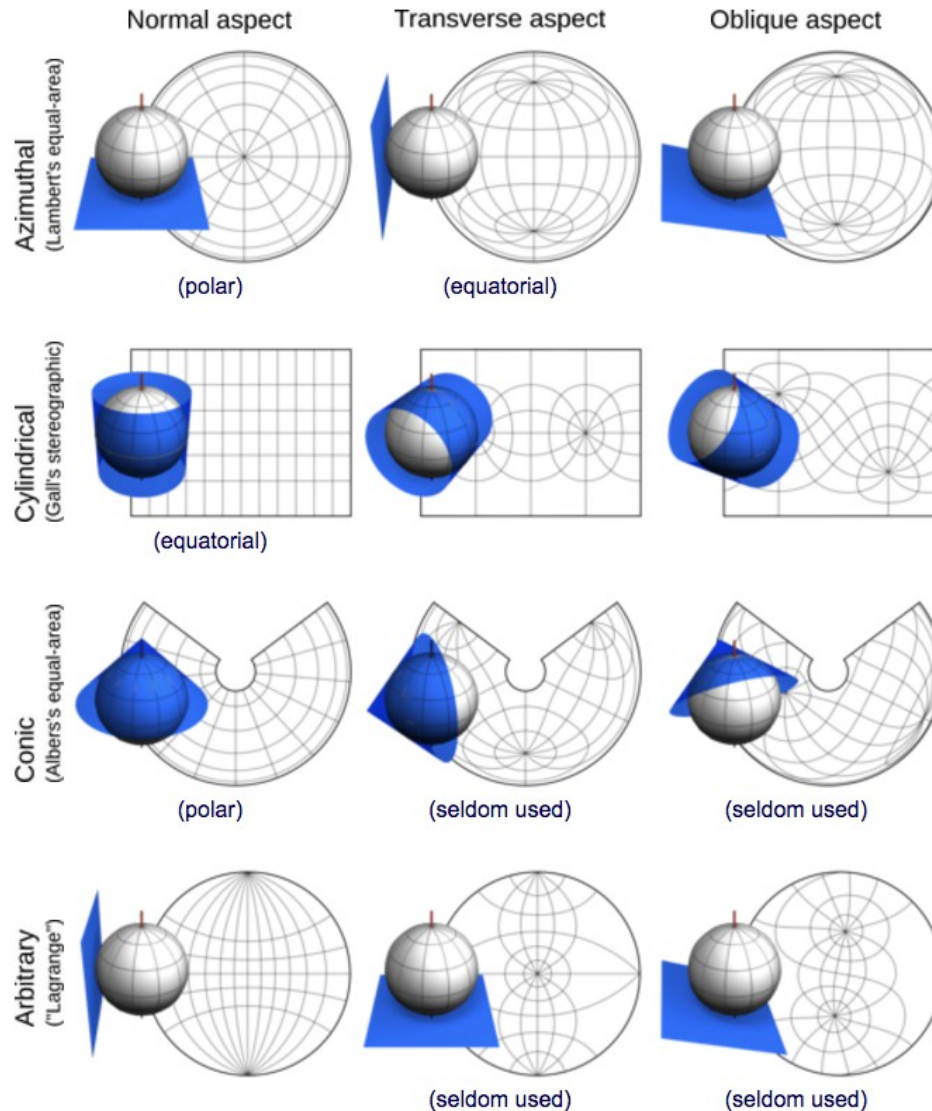


"To project" means transferring features from Earth to a suitable surface, like a tangent plane, a secant cylinder or a secant truncated cone. Regions nearer the surface are usually better presented.



# TYPES & ASPECTS OF MAP PROJECTIONS

<http://www.progonos.com/furuti>

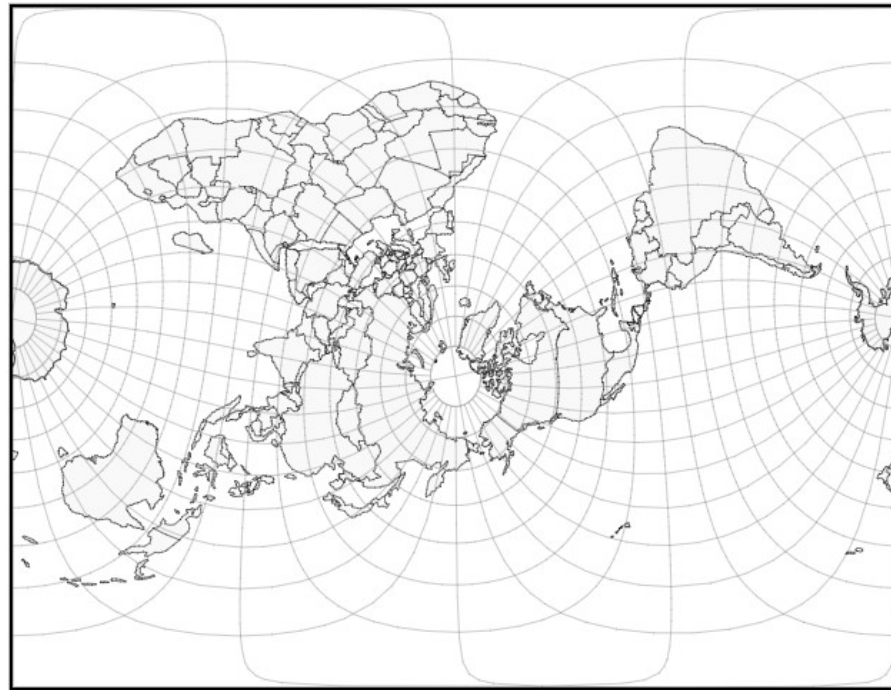




# TYPES & ASPECTS OF MAP PROJECTIONS

<https://www.jasondavies.com/maps/transition/>

## Map Projection Transitions



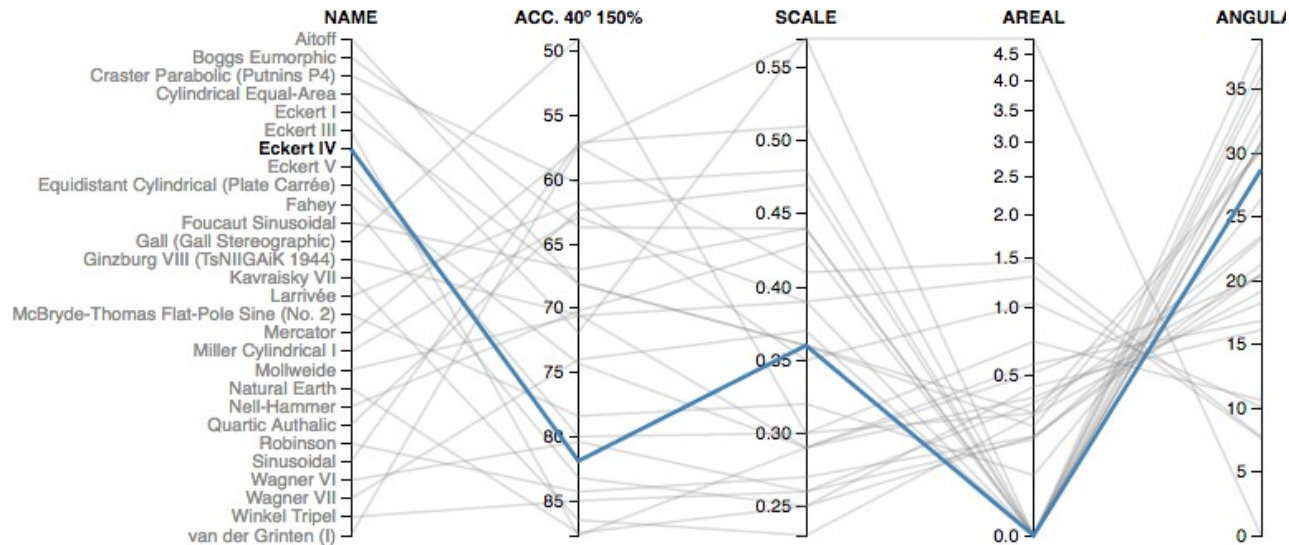
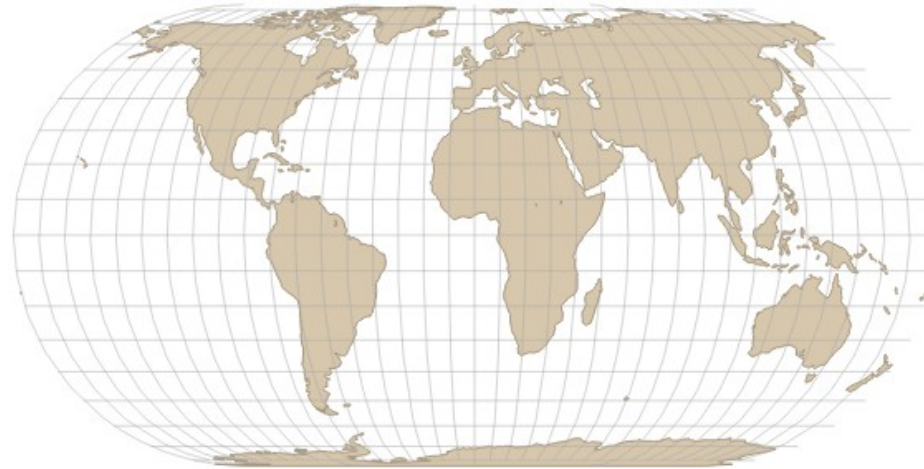
Gall Stereographic



Pause

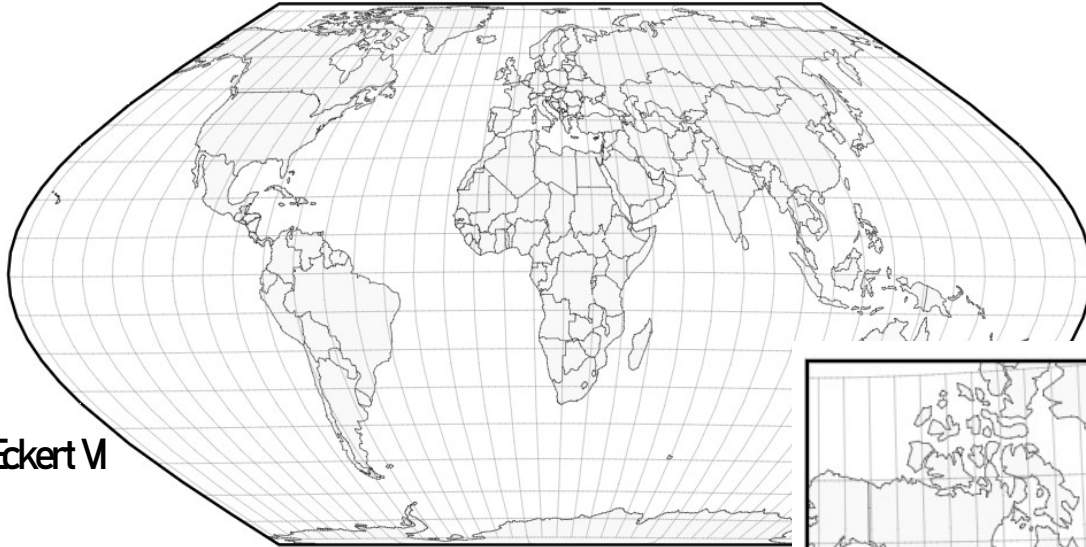
# COMPARING MAP PROJECTIONS

<https://bl.ocks.org/syntagmatic/ba569633d51ebec6ec6e>



# COMPARING MAP PROJECTIONS

<https://www.jasondavies.com/maps/transition/>



Eckert VI



Mercator