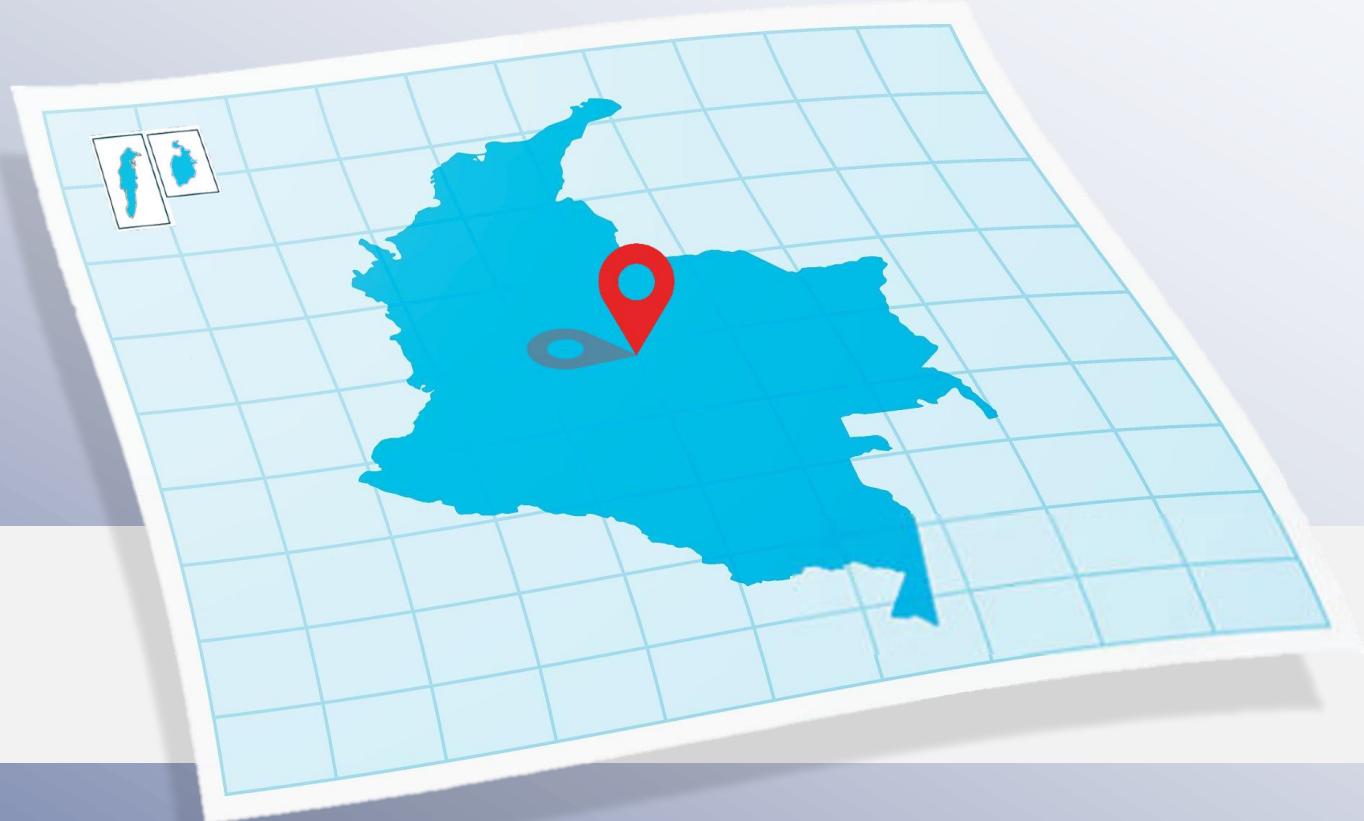


# 8

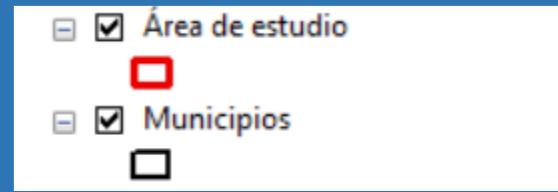
CASOS DE MIGRACIÓN  
A ORIGEN NACIONAL EN

# ARCGIS

Esta presentación muestra las láminas que aparecen en el video disponible en:  
<https://www.youtube.com/watch?v=OlsA-RNwnLo>

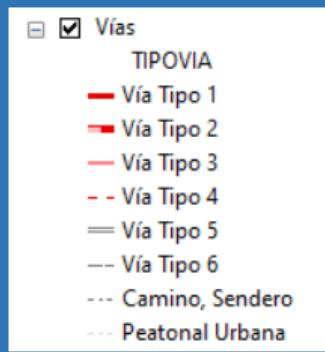


CURSO SIG • Rodolfo Franco



Origen  
Nacional  
(CTM12)





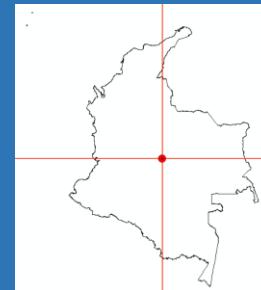
GCS  
MAGNA  
Esferoide GRS80



PROJECT

Proyectar sin  
transformación geográfica

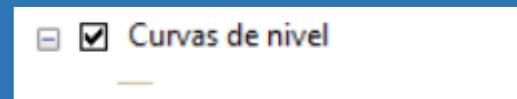
Caso 1:  
Desde Geográficas MAGNA  
(GCS MAGNA)



CTM12



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



WGS84

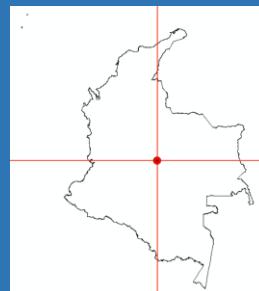


PROJECT

Proyección con transformación  
geográfica por defecto



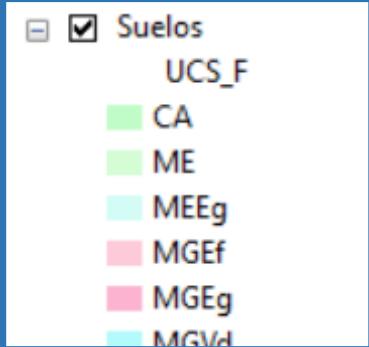
Caso 2:  
Desde WGS84



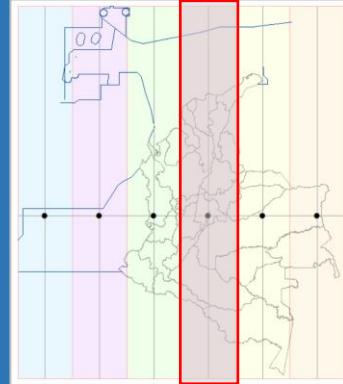
CTM12



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



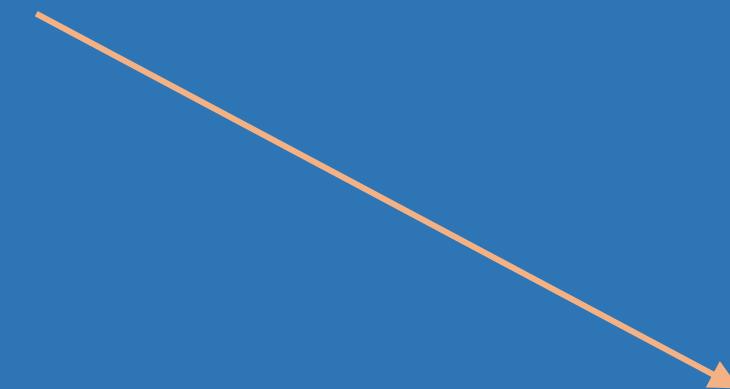
MAGNA  
COLOMBIA  
BOGOTÁ



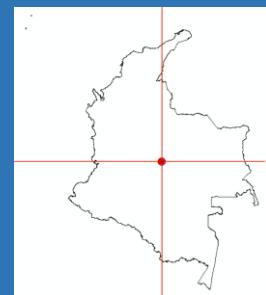
PROJECT  
Proyección sin  
transformación geográfica



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



Caso 3:  
Desde anterior sistema  
**MAGNA SIRGAS**  
**6 Orígenes**



CTM12

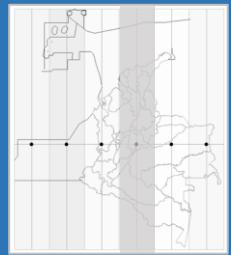
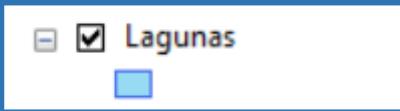


DATUM  
MAGNA SIRGAS  
Esferoide GRS80



## PROJECT

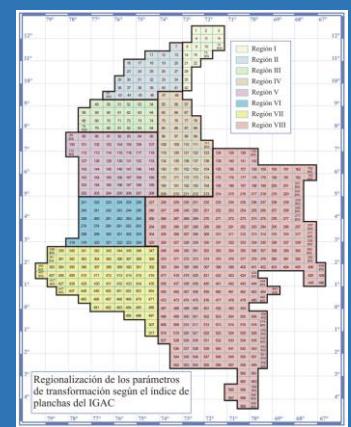
Proyectar con transformación  
geográfica según Región de  
Transformación



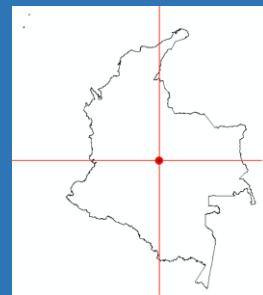
COLOMBIA  
BOGOTÁ ZONE



Esferoide Hayford  
Internacional 1924



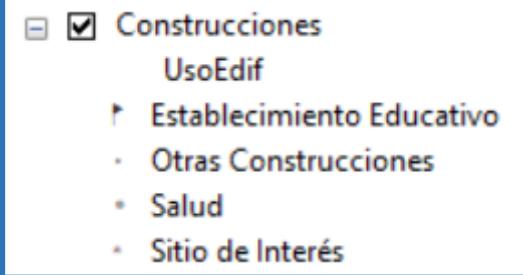
## Caso 4: Desde viejo sistema Datum Bogotá



CTM12



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



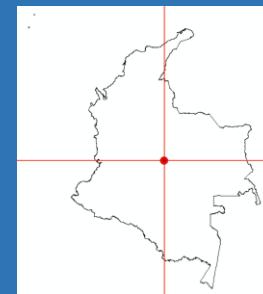
?



DEFINE PROJECTION

Se le define CTM12

Caso 5:  
Desde  
sistema indefinido  
(Pero se comporta como  
CTM12)



CTM12



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



?



1.

## DEFINE PROJECTION

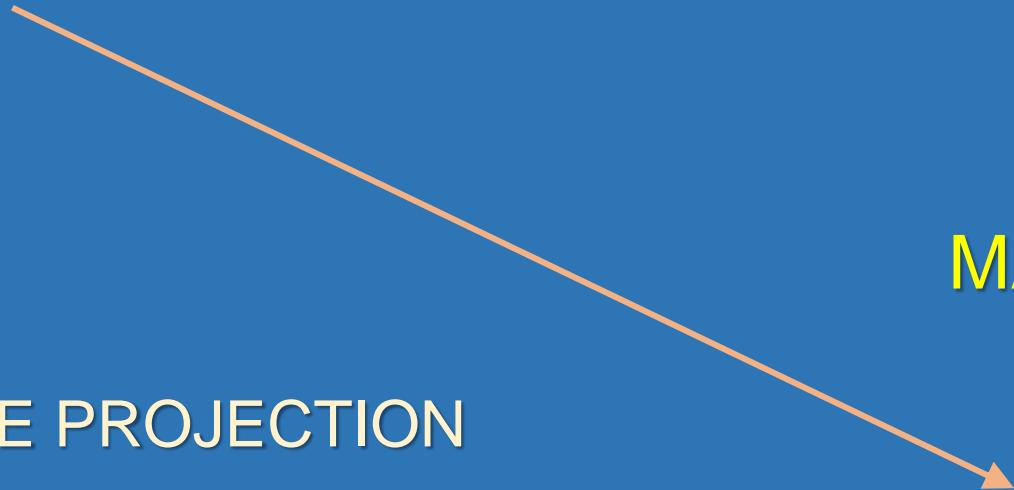
Se le define el MAGNA correspondiente



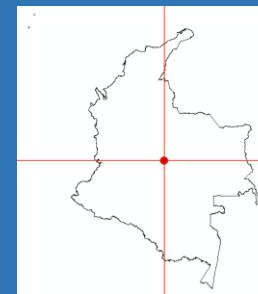
2.

## PROJECT

Se proyecta sin transformación geográfica



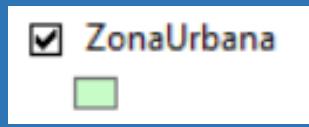
Caso 6:  
Desde  
sistema indefinido  
(Pero se comporta  
MAGNA de 6 orígenes)



CTM12



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



?

Caso 7:  
Desde  
sistema indefinido  
(Pero se comporta  
como geográficas)

1.



## DEFINE PROJECTION

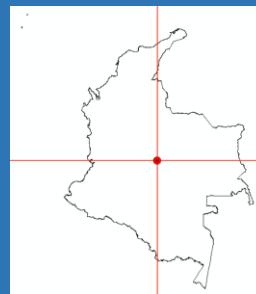
Se le define en geográficas

2.



## PROJECT

Se proyecta sin transformación geográfica  
si se asumen GCS\_MAGNA o con  
transformación por defecto si son WGS84



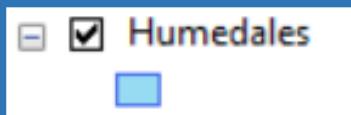
CTM12



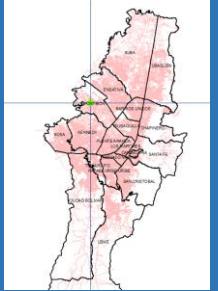
DATUM  
MAGNA SIRGAS  
Esferoide GRS80

## Caso 8: Desde

### Cartesianas MAGNA



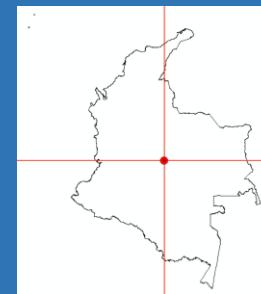
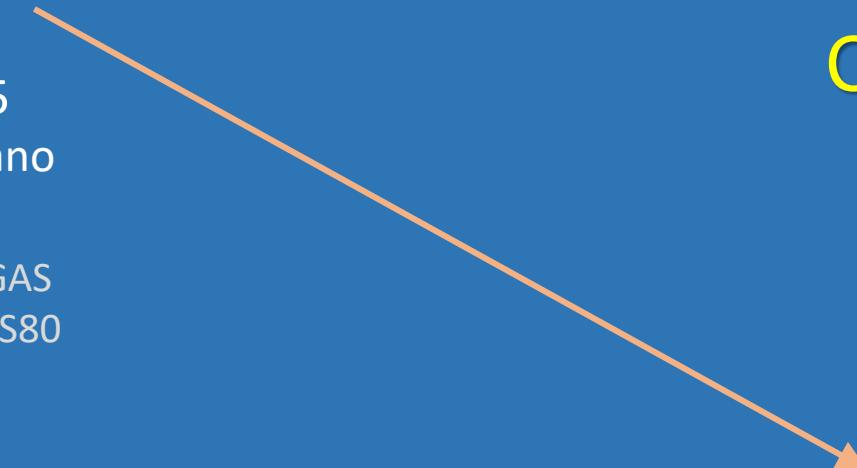
MAGNA  
BOGOTÁ DC 2005  
IGAC Plano Cartesiano



DATUM  
MAGNA SIRGAS  
Esferoide GRS80



PROJECT  
Proyección sin  
transformación geográfica



DATUM  
MAGNA SIRGAS  
Esferoide GRS80

CTM12