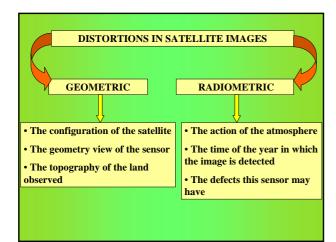
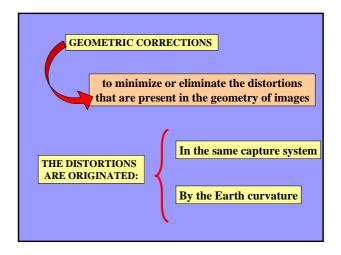
NATIONAL UNIVERSITY OF CATAMARCA, ARGENTINA SCHOOL OF TECHNOLOGY AND APPLIED SCIENCES

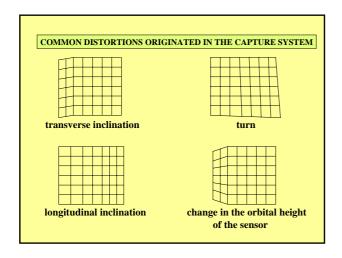
ISSUES ABOUT SATELLITE IMAGES GEOREFERENCING IN ARGENTINA

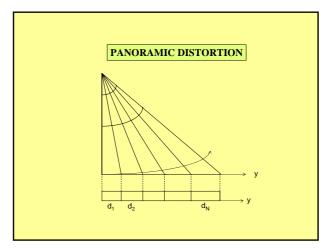
Dra. ANALÍA ARGERICH

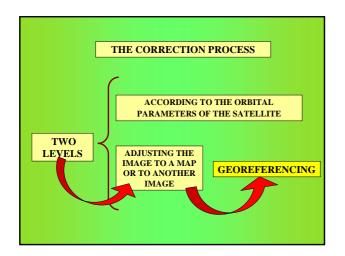
To analyze: -The georeferencing process of satellite images. - The implications that have for the georeferencing of satellite images the two reference systems that coexist in Argentina, one local and the other global, keeping in both the same system of projection and coordinates Gauss-Krüger.

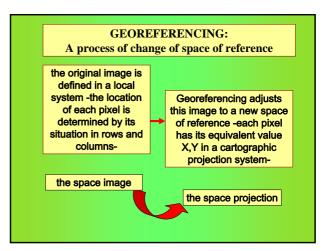


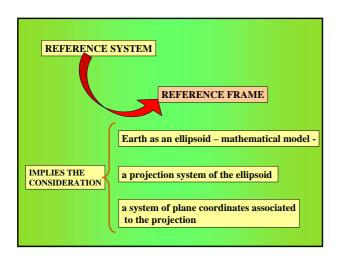


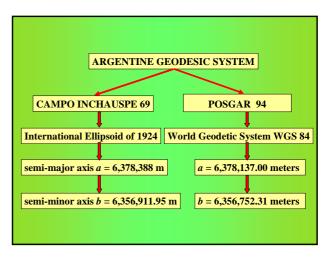


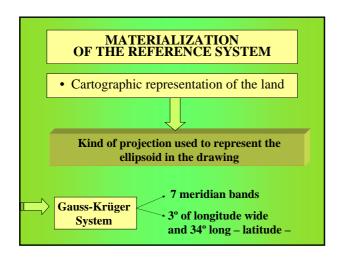


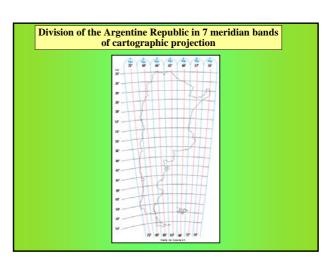


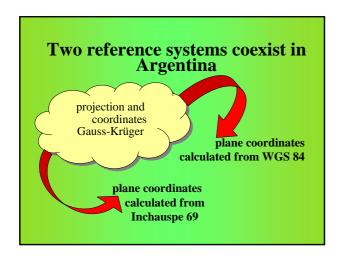


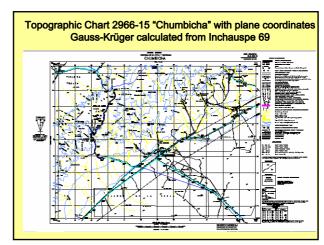


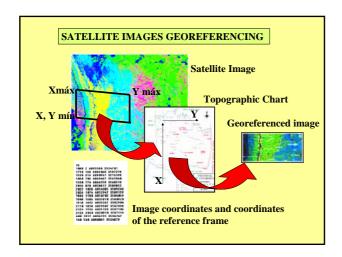


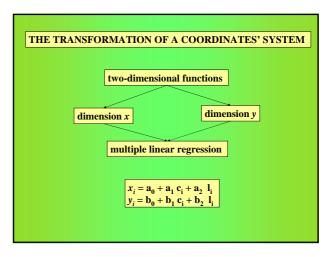


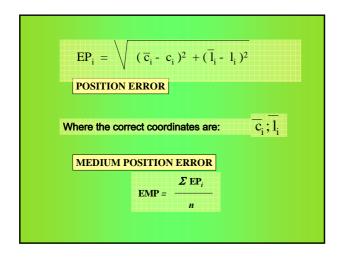


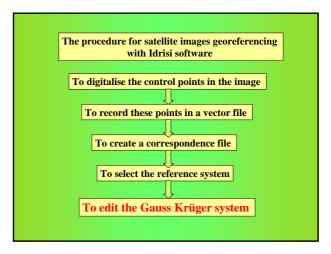




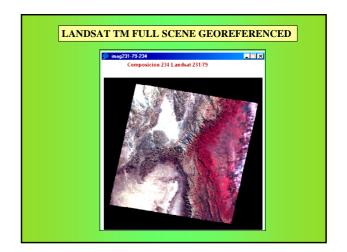








	Band	Georeferencing Files for Idrisi Kilimanjaro
	1	ref. system: Gauss-Kruger, Zone 1, Campo Inchauspe projection: Gauss-Kruger datum: Campo Inchauspe delta WGS84:-148 136 90 ellipsoid: International 1924 major s-ax: 6378388 minor s-ax: 6356911.9 origin long: -72 origin lat:-90 origin X:1500000 origin Y:0 scale fae: 1.0 units: m parameters: 0
	2	ref.system: Gauss-Kruger, Zone 2, Campo Inchauspe projection: Gauss-Kruger datum: Campo Inchauspe delta WGS84:-148 136 90 ellipsoid: International 1924 major s-ax: 6378388 minor s-ax: 6356912 origin long: -69 origin lat: -90 origin X: 2500000 origin Y: 0 scale fac: 1.0 units: m parameters: 0
	3	ref.system: Gauss-Kruger, Zone 3, Campo Inchauspe projection: Gauss-Kruger datum: Campo Inchauspe delta WGS84:-148 136 90 ellipsoid: International 1924 major s-ax: 6378388 minor s-ax: 6356912 origin long:-66 origin lat:-90 origin X: 3500000 origin Y: 0 scale fac:1.0 units: m parameters:0



FINAL REMARKS

- Adjustments do not guarantee in the strict sense that the image will adapt totally to the new reference system:
 The correction of the transformation is only guaranteed in the support points, not in every image point.
- It is better to use a more numerous set of support points in order to make the transformation equations.
- Georeferencing quality can only be estimated from a set of control points different from the support points.
- In countries where different reference systems coexist, there has to be taken special care when using different data sources because they are not always compatible.