

Taller

***“Información geográfica: conversión entre distintos
formatos SIG”***

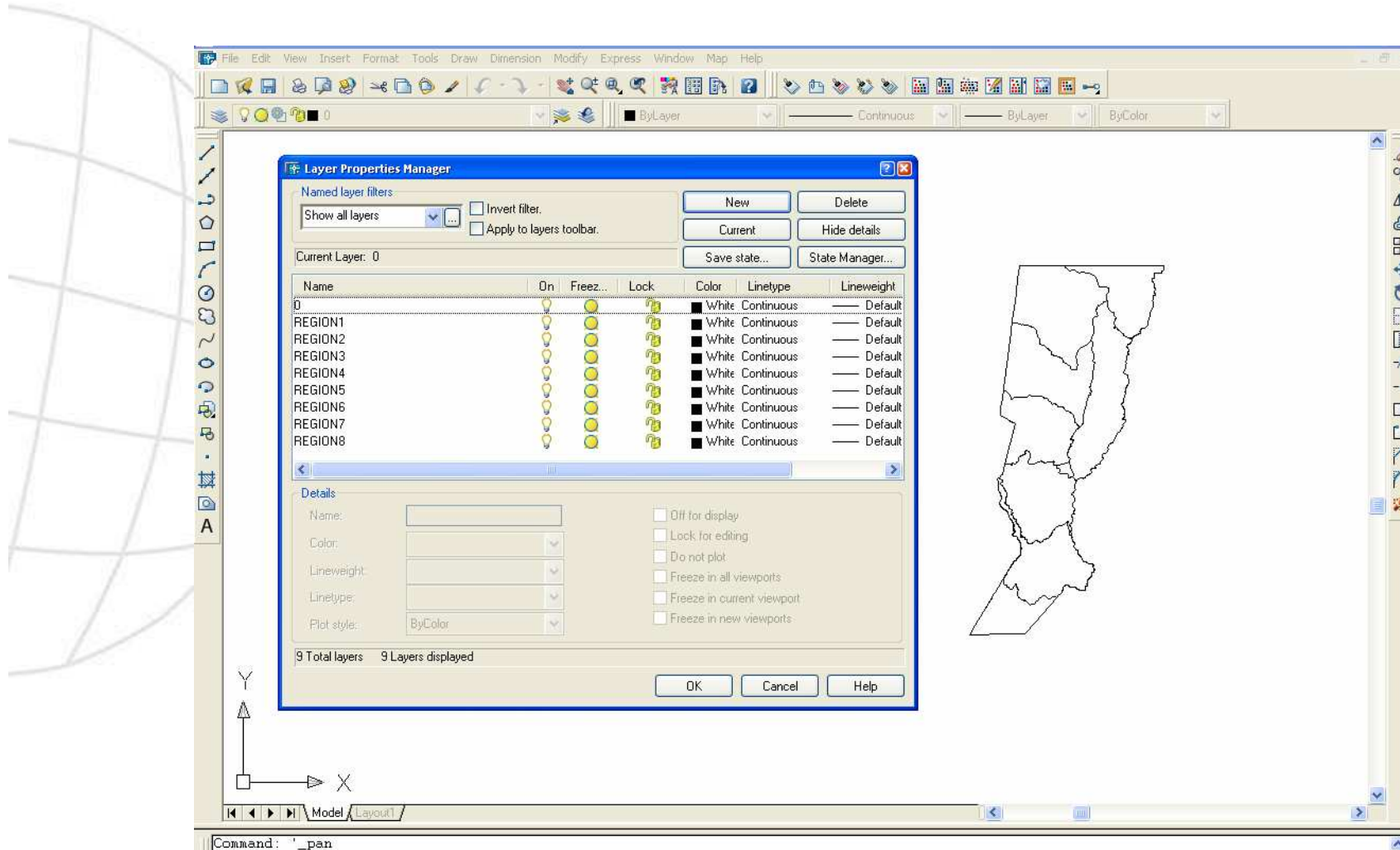
Autocad (.dxf) – ArcView (.shp)

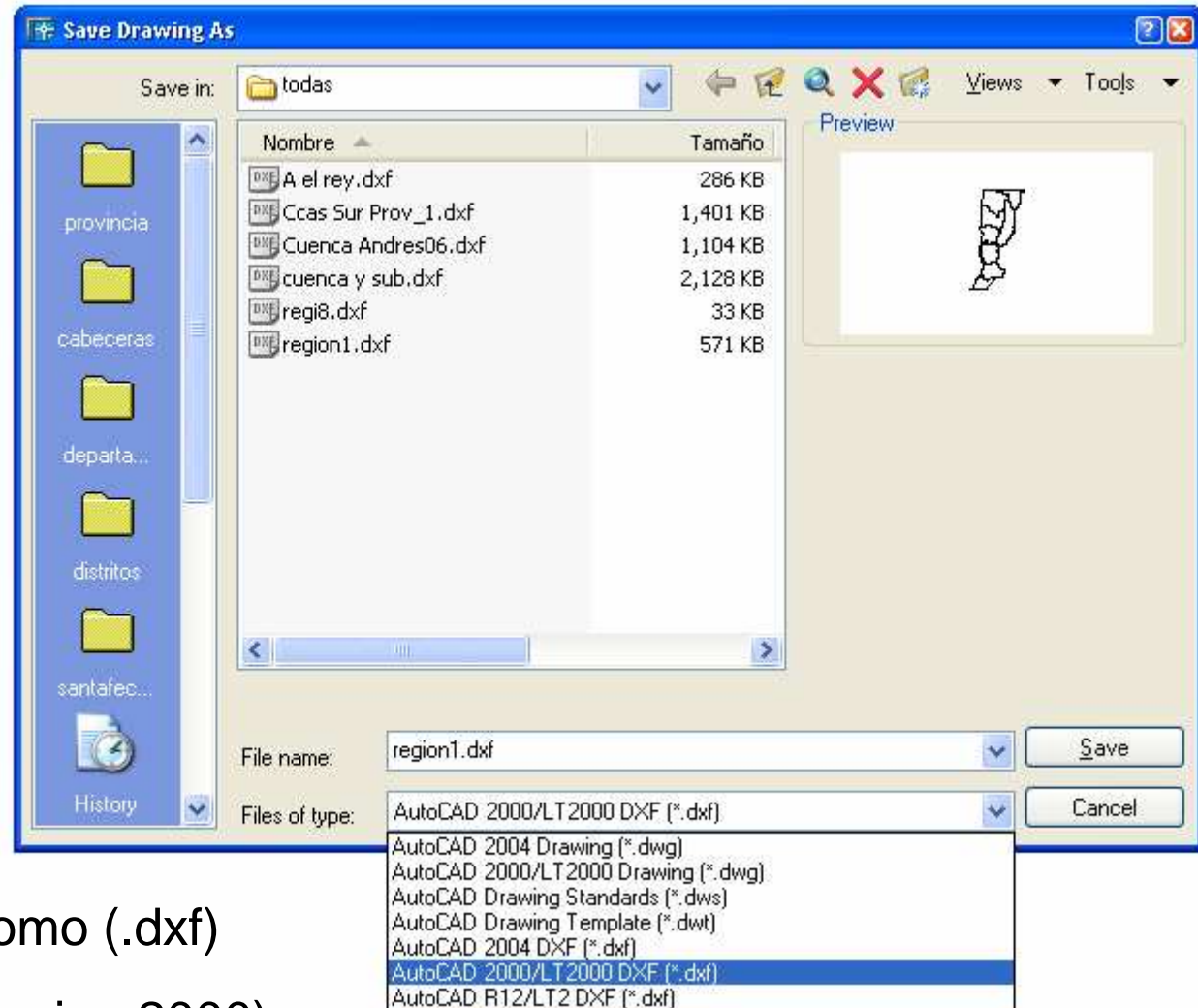
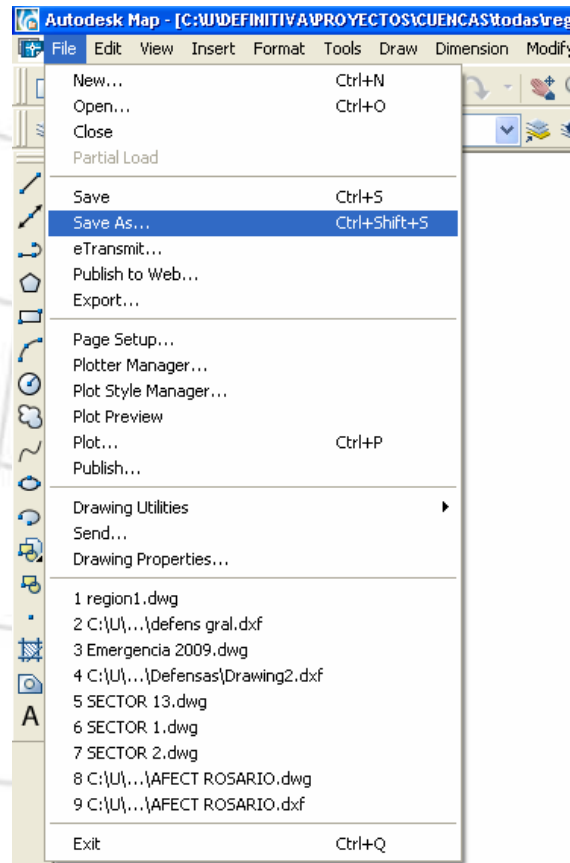
ArcView (.shp) - Autocad (.dxf)

CONVERTIR ARCHIVOS CAD (.dxf) a ARCVIEW (.shp)

- 1. IMPORTAR DESDE ARCVIEW**
- 2. EXPORTAR DESDE AUTOCAD**

1- IMPORTAR DESDE ARCVIEW





- Guardar el dibujo como (.dxf)
- (generalmente en version 2000)

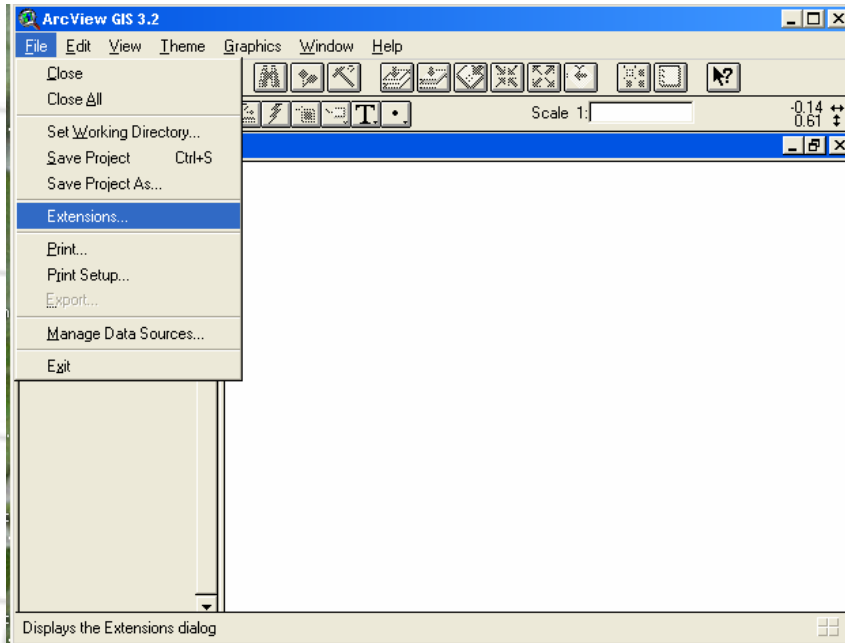


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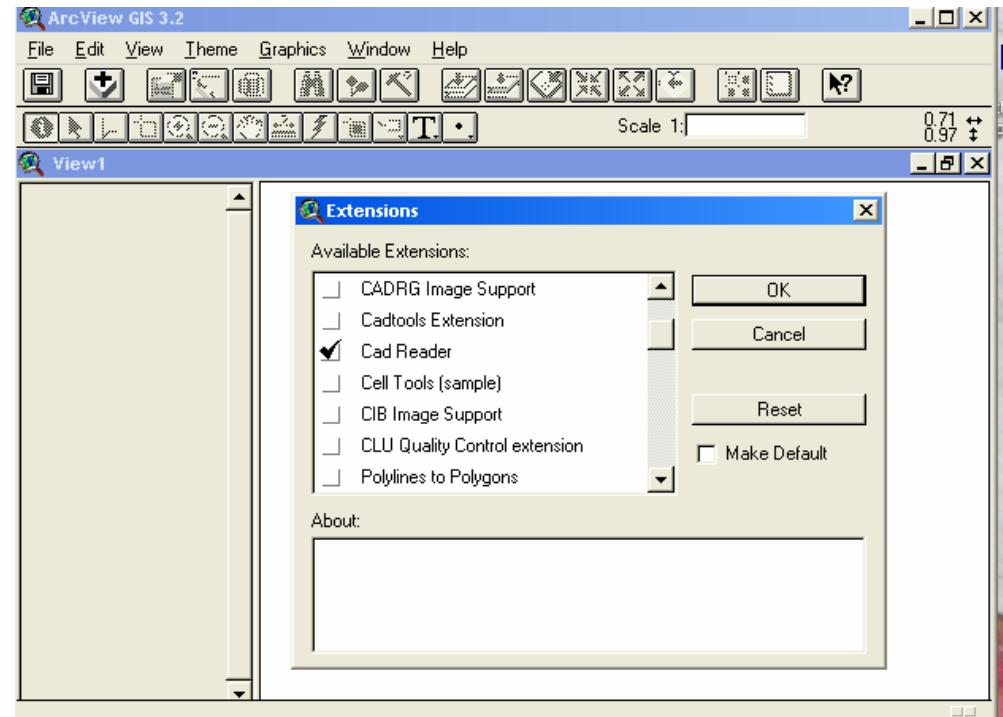
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Habilitar la opción “ Cad Reader” en el menú de extensiones





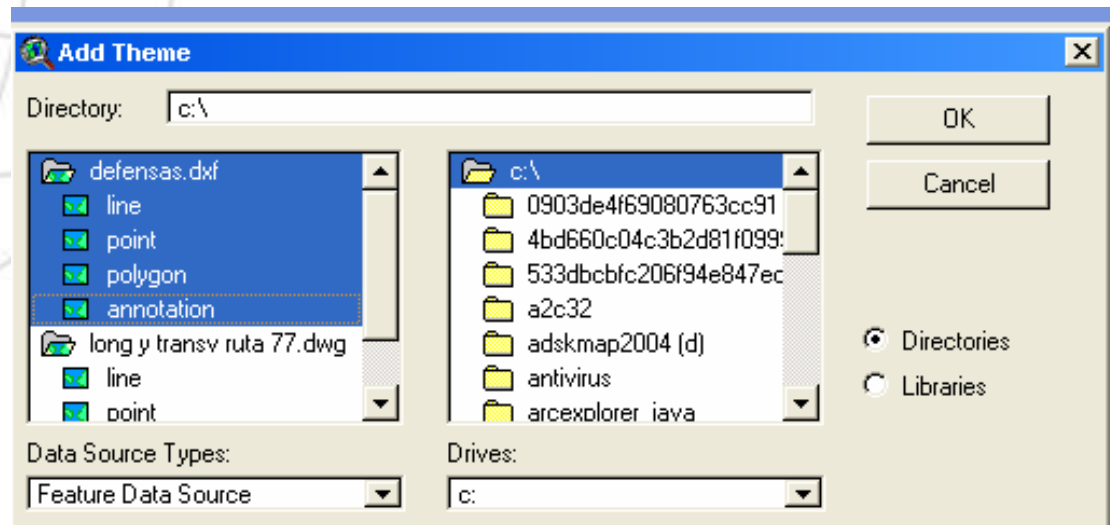
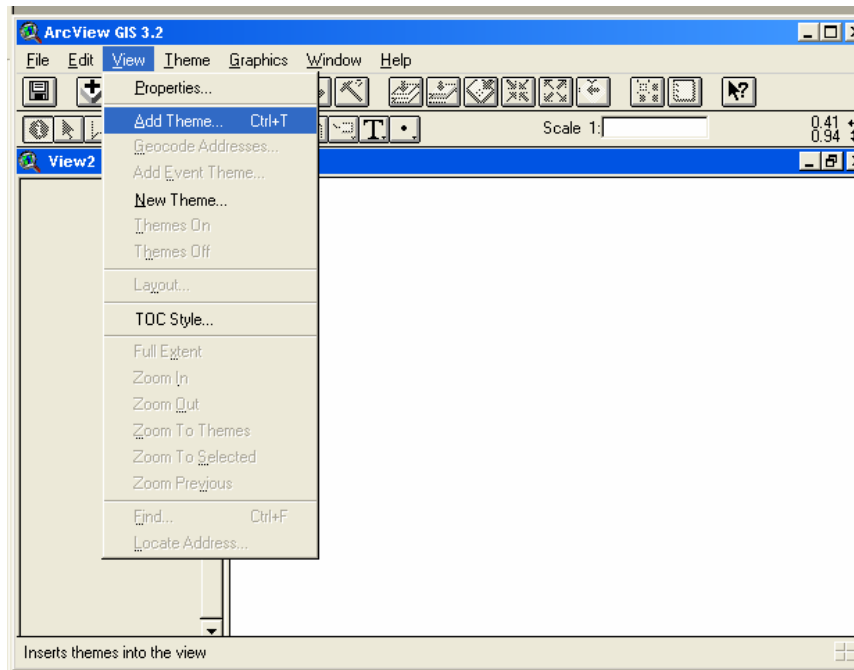
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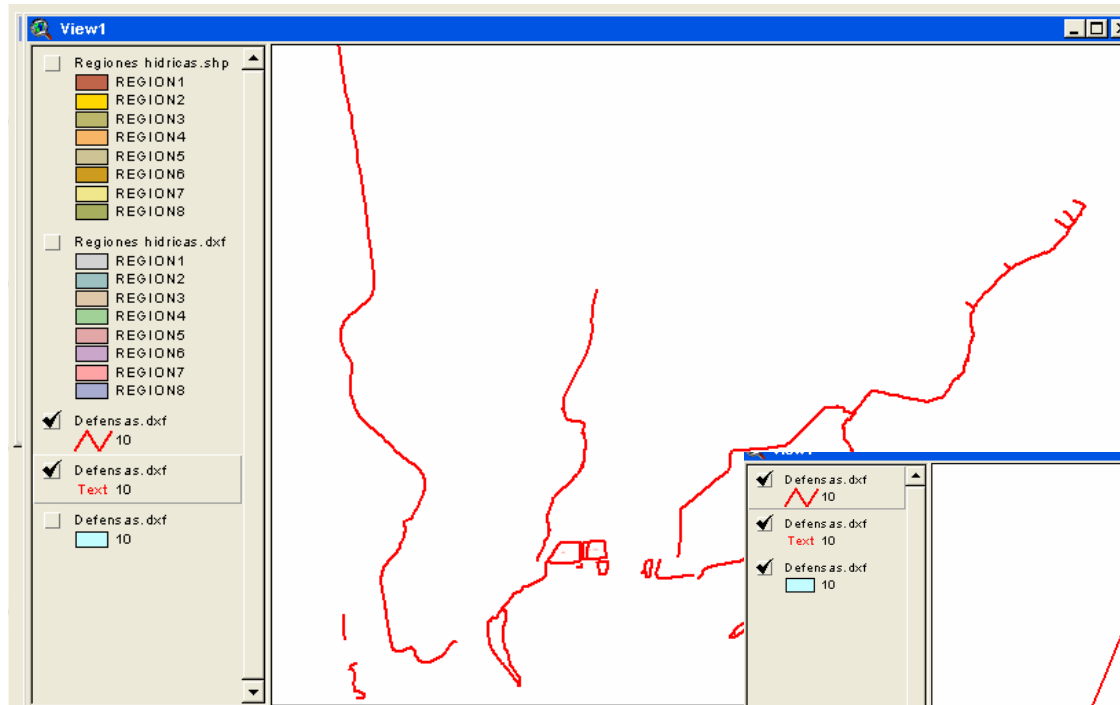


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Incorporar un tema

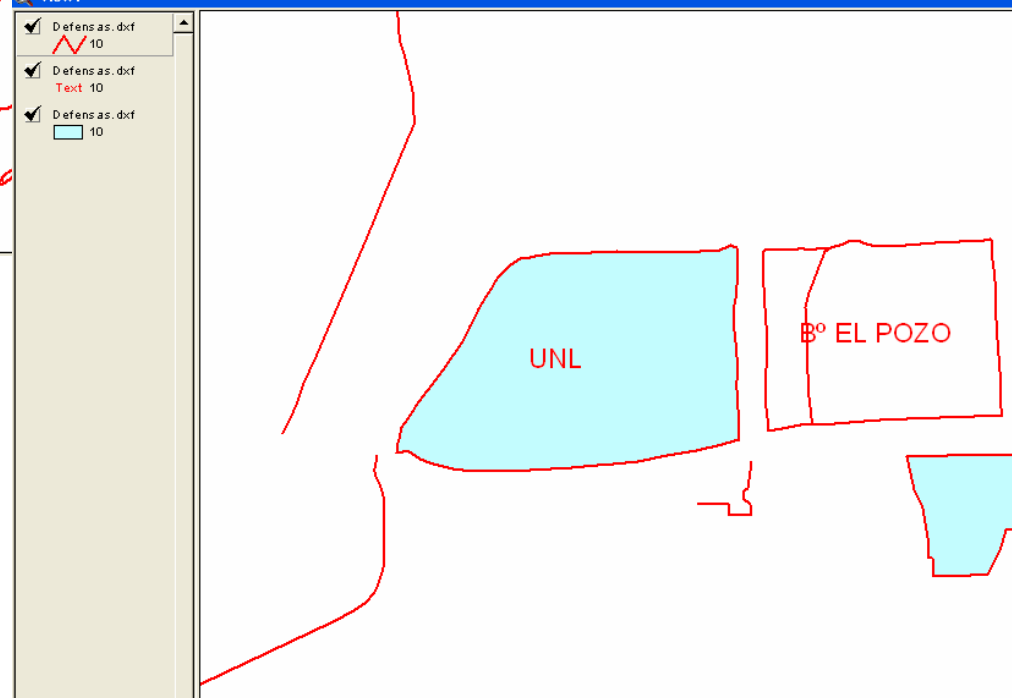


Adicionar el tema
en formato Cad
Extensión "dxf"

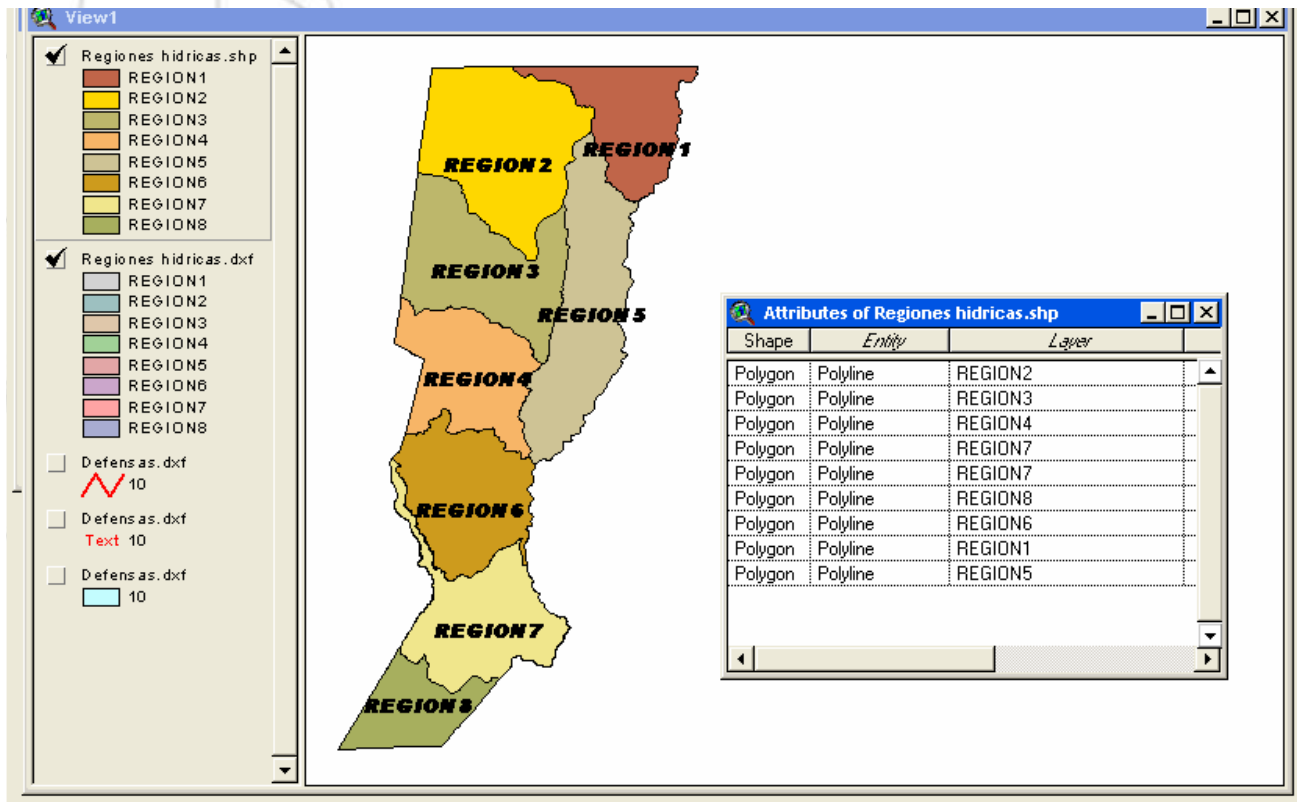
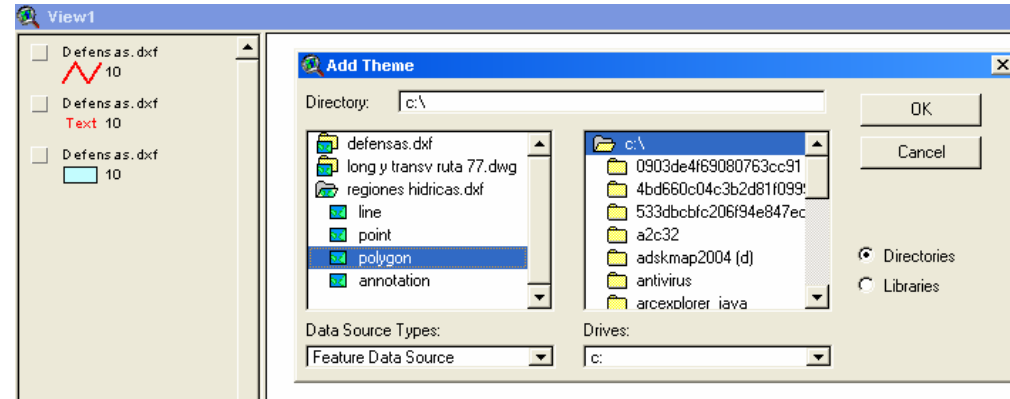


Al desplegar las carpetas se pueden se adicionar:

- Líneas
- Puntos
- Polígonos
- Textos



En este ejemplo solo
seleccionaremos
Poligonos



Convertir a shp

Layer Properties Manager

Named layer filters: Show all layers Invert filter. Apply to layers toolbar. [New] [Delete] [Current] [Hide details] [Save state...] [State Manager...]

Current Layer: 0

Name	On	Freez...	Lock	Color	Linetype	Lineweight
0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default
REGION8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Default

Details: Name: [] Color: [] Lineweight: [] Linetype: [] Plot style: ByColor

Off for display
 Lock for editing
 Do not plot
 Freeze in all viewports
 Freeze in current viewport
 Freeze in new viewports

9 Total layers 9 Layers displayed [OK] [Cancel] [Help]

ArcView GIS 3.2

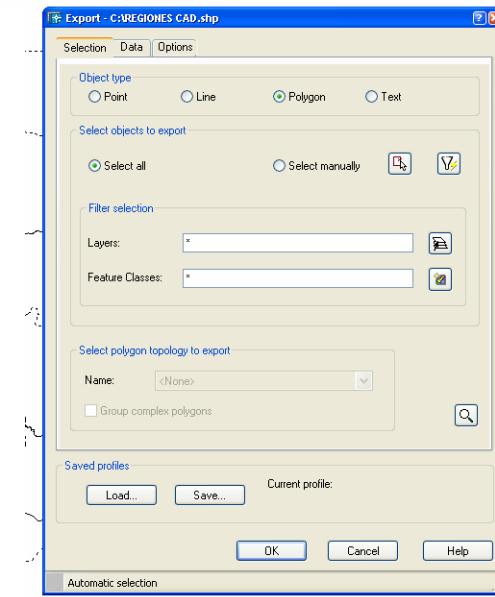
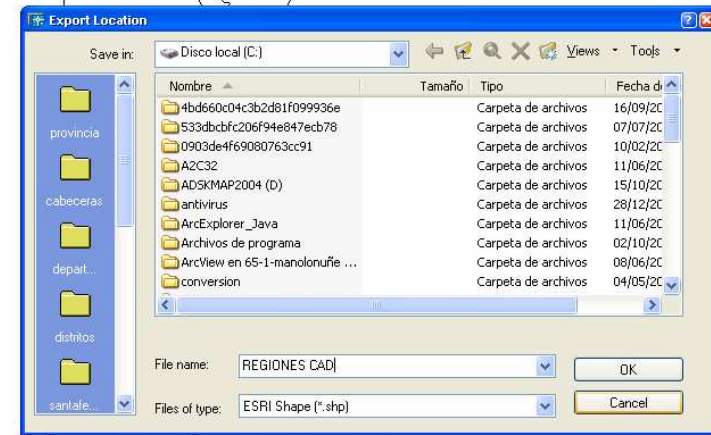
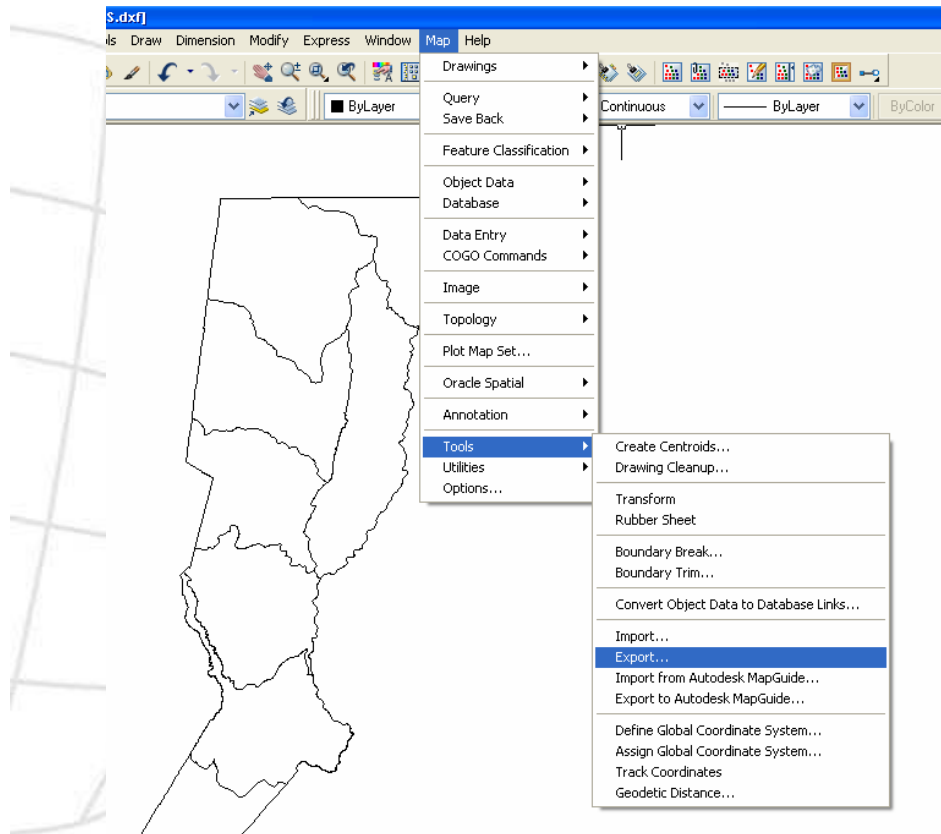
File Edit Table Field Window Help

0 of 8 selected

Attributes of Regiones hidricas.shp

Shape	Entity	Layer
Polygon	Polyline	REGION1
Polygon	Polyline	REGION2
Polygon	Polyline	REGION3
Polygon	Polyline	REGION4
Polygon	Polyline	REGION5
Polygon	Polyline	REGION6
Polygon	Polyline	REGION7
Polygon	Polyline	REGION8

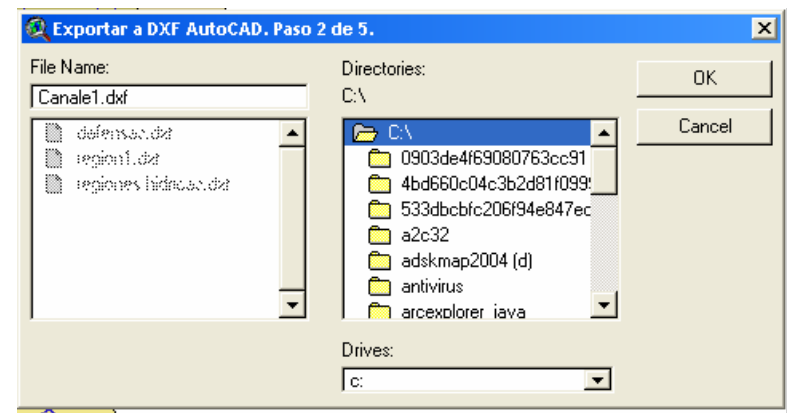
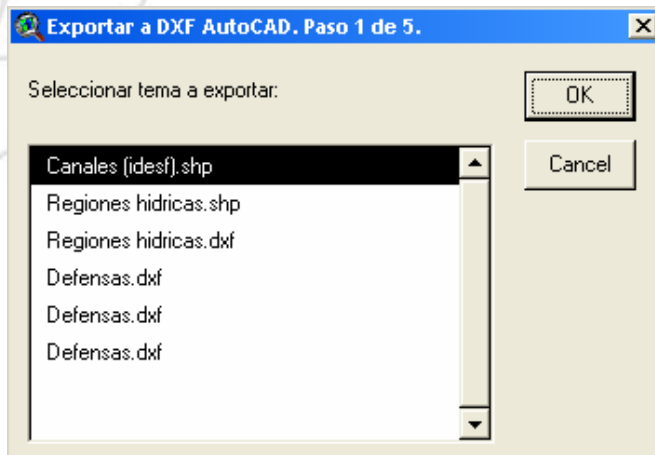
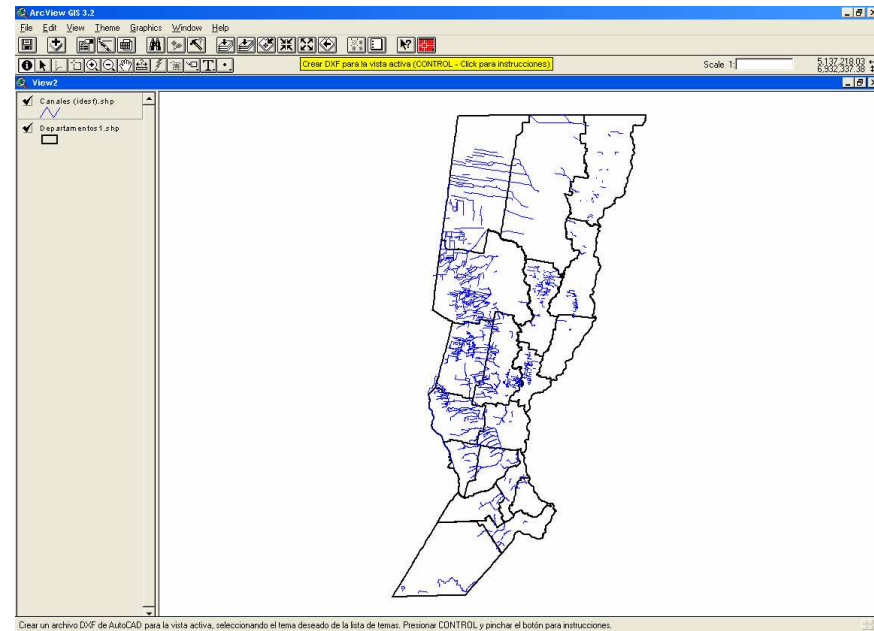
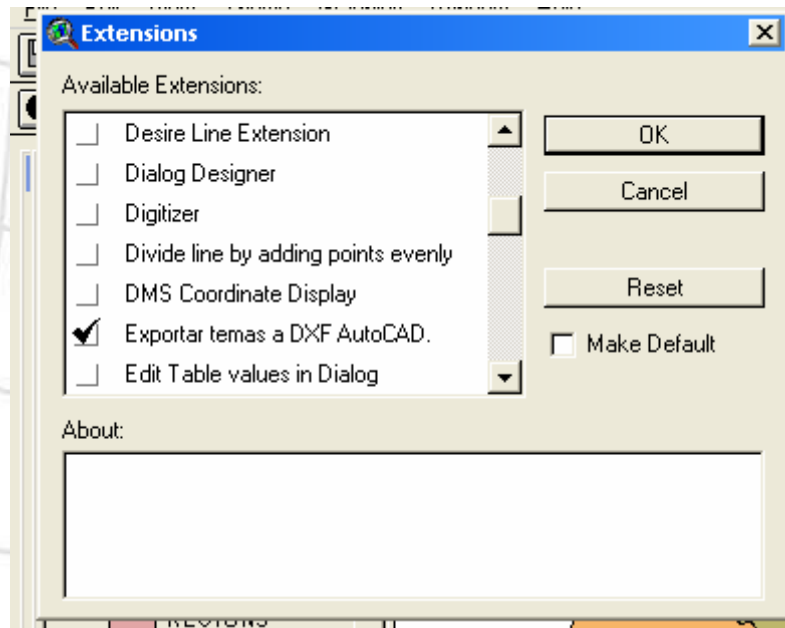
2-EXPORTAR DESDE AUTOCAD

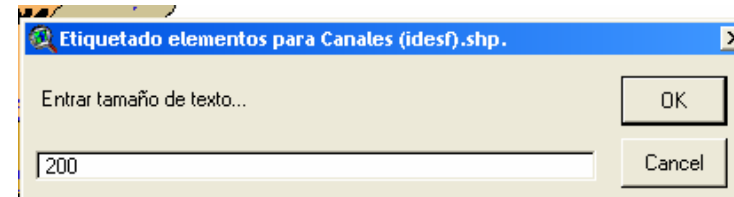
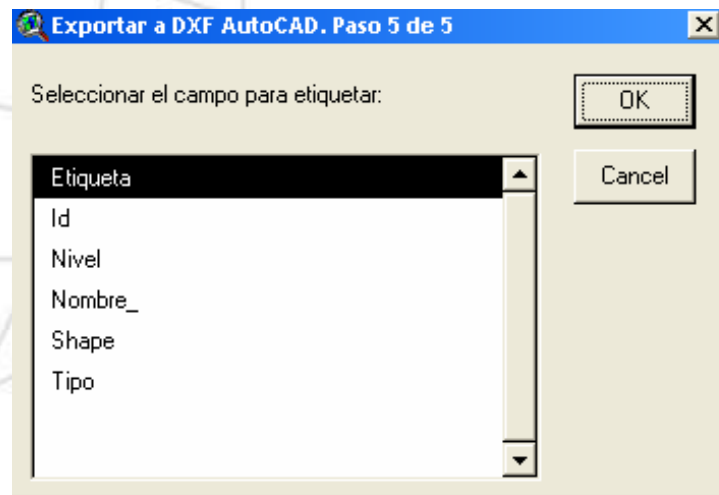
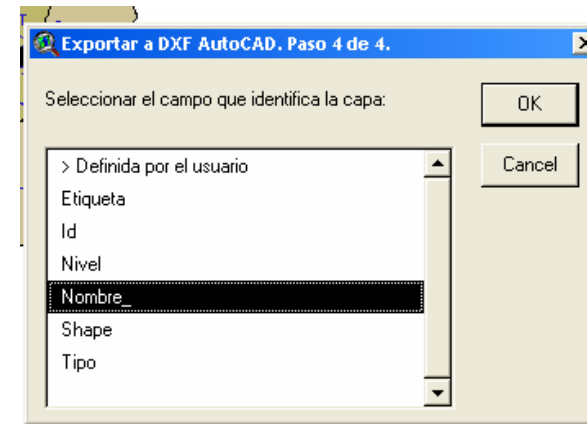
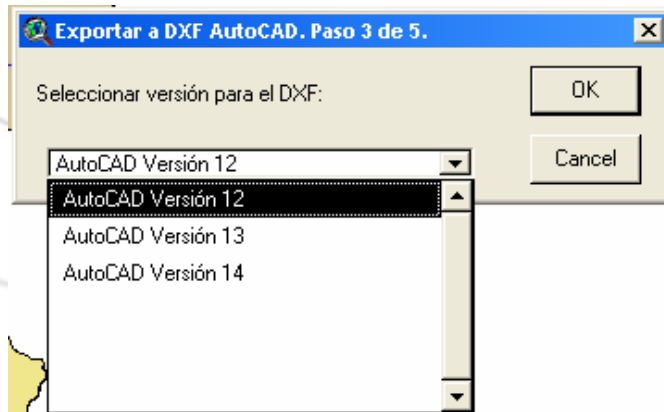


CONVERTIR ARCHIVOS ARCVIEW (.shp) a CAD (.dxf)

- 1. EXPORTAR DESDE ARCVIEW**
- 2. IMPORTAR DESDE AUTOCAD**

1-EXPORTAR DESDE ARCVIEW





Realizado el proceso, se genera un archivo con extensión (.dxf)



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Autodesk Map - [C:\U\DEFINITIVA\PROYECTOS\CANALES\canales idesf.dxf]

File Edit View Insert Format Tools Draw Dimension Modify Express Window Map Help

Layer Properties Manager

Named layer filters: Show all layers, Invert filter, Apply to layers toolbar, New, Delete, Current, Hide details, Save state..., State Manager...

Name	On	Freez..	Lock	Color	Linetype	Linewei
DRENAJE_RUTA_56-S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
DRENAJE_RUTA_93-S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
DRENAJE_URBANO_LLAMBI_CAM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
DRENAJE_URBANO_SUNCHALES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
DRENAJE_ZONA_URBANA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
INTERCEPTOR_LAS_PETACAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
LABEL_A_DEL_SAUCE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
LABEL_A_LOS_SAUCES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
LABEL_BAJO_DEL_ARBOL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def
LABEL_BAJO_DE LOS LEONES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	White	Continuous	Def

Details: Name, Color, Lineweight, Linetype, Plot style: ByColor, Off for display, Lock for editing, Do not plot, Freeze in all viewports, Freeze in current viewport, Freeze in new viewports

1301 Total layers 1301 Layers displayed

Command: '_pan
Press ESC or ENTER to exit, or right-click to display shortcut menu.
Command:



ArcView GIS 3.2

File Edit Table Field Window Help

176 of 1114 selected

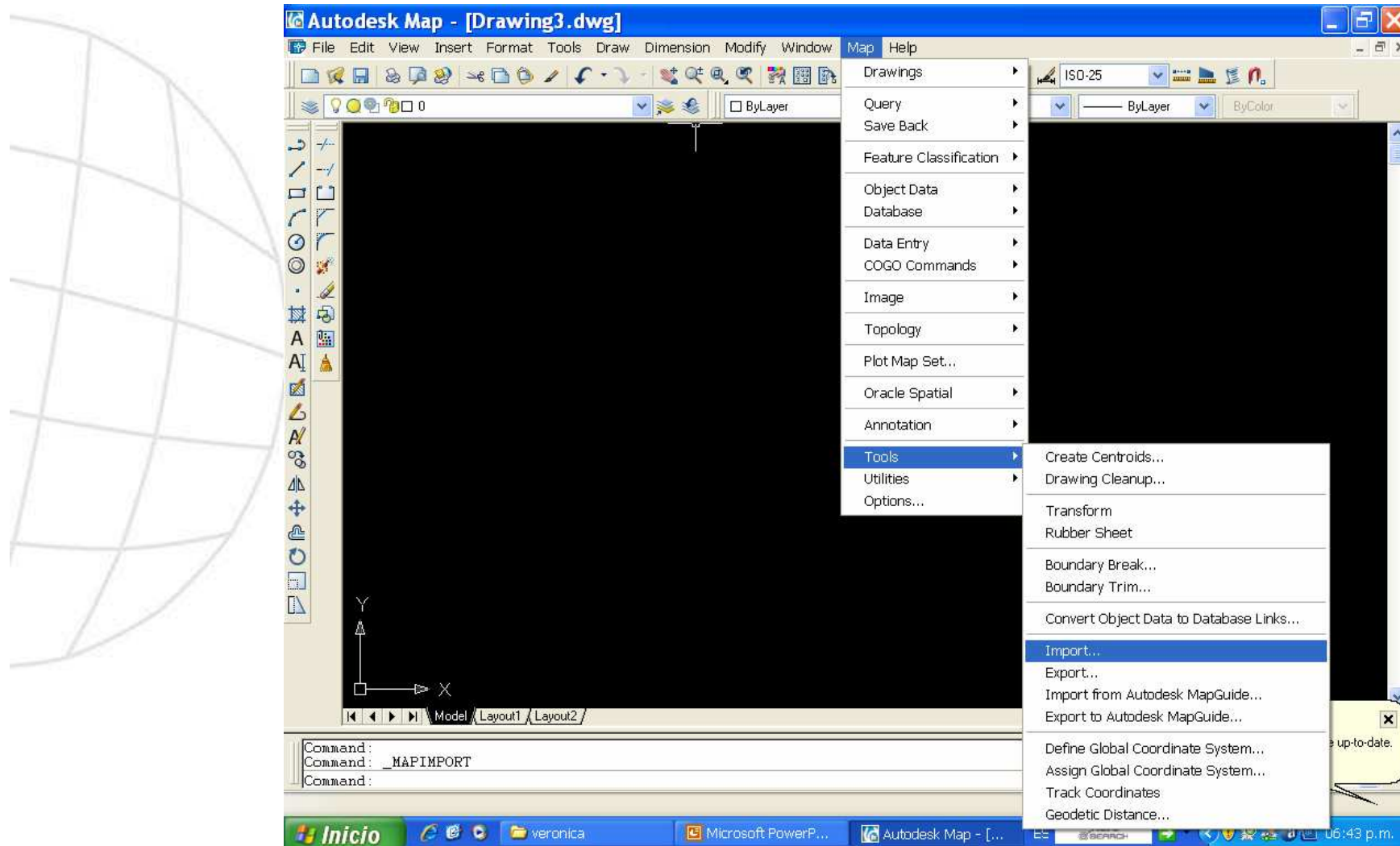
Untitled View1

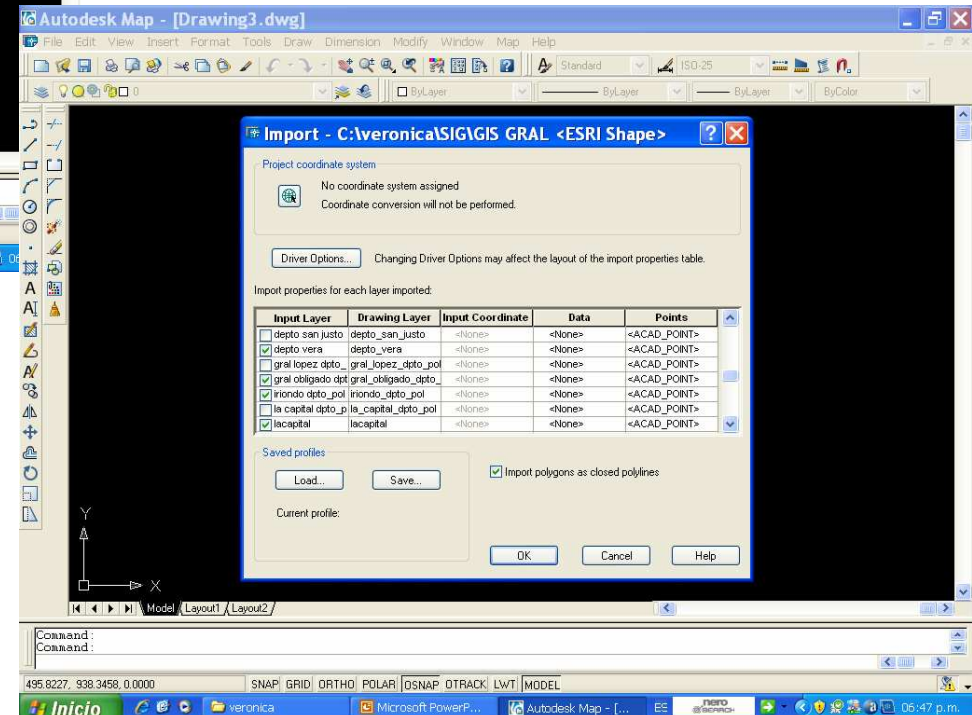
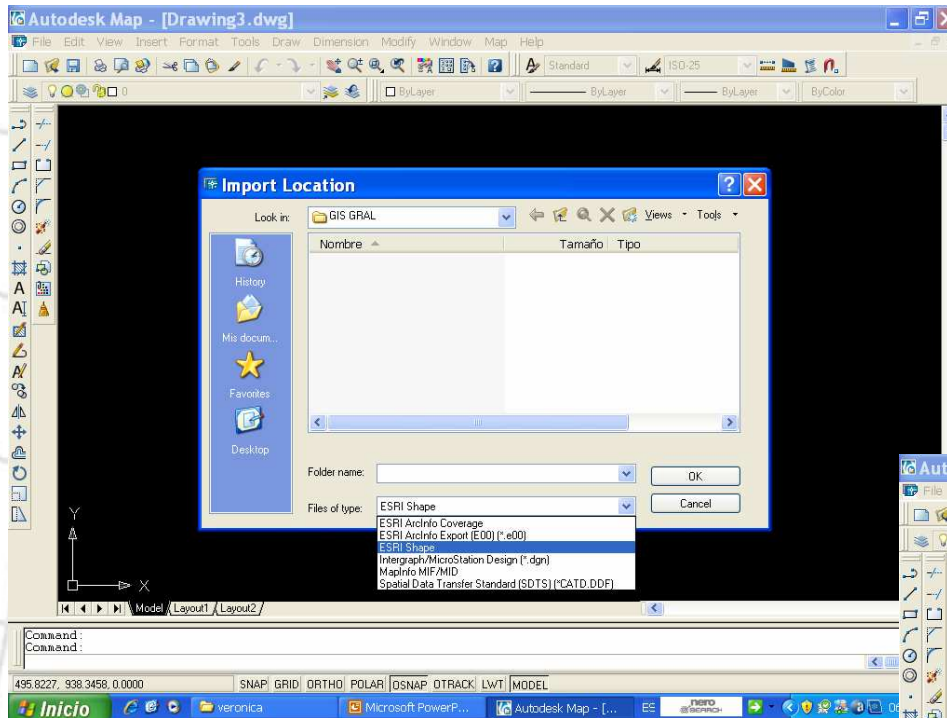
Attributes of Canal junto2-3.shp

Shape	Id	Tipo	Nombre	Etiqueta	Nivel	Base
PolyLine	141	CANAL	COMINI	C.Sec.Comini	SECUNDARIO	0.0
PolyLine	142	CANAL	RUTA 92-S	C.Ruta 92-s	SECUNDARIO	0.0
PolyLine	143	CANAL	EL TREBOL	C.Sec.El Trebol	SECUNDARIO	0.0
PolyLine	144	CANAL	LA NENA	C.Sec.La Nena	SECUNDARIO	0.0
PolyLine	145	CANAL	MONTE KUMER	C.Sec. Monte Kumer	SECUNDARIO	0.0
PolyLine	146	CANAL	MUSSO-PERREN	C.Musso-Perren	SECUNDARIO	0.0
PolyLine	147	CANAL	LA FERIA	C.La Feria	SECUNDARIO	0.0
PolyLine	148	CANAL	LOS ANGELES	C.Los Angeles	SECUNDARIO	0.0
PolyLine	153	CANAL	INTERCOMUNAL HERSILIA-C	C.Interc.Hersilia-Ceres	SECUNDARIO	0.0
PolyLine	154	CANAL	NRO 4	C.Terc.Nro 4	TERCIARIO	0.0
PolyLine	155	CANAL	NRO 3	C.Terc.Nro 3	TERCIARIO	0.0

➤ solo se exportará lo seleccionado en la tabla

2- IMPORTAR DESDE AUTOCAD





Seleccionar los archivos a exportar

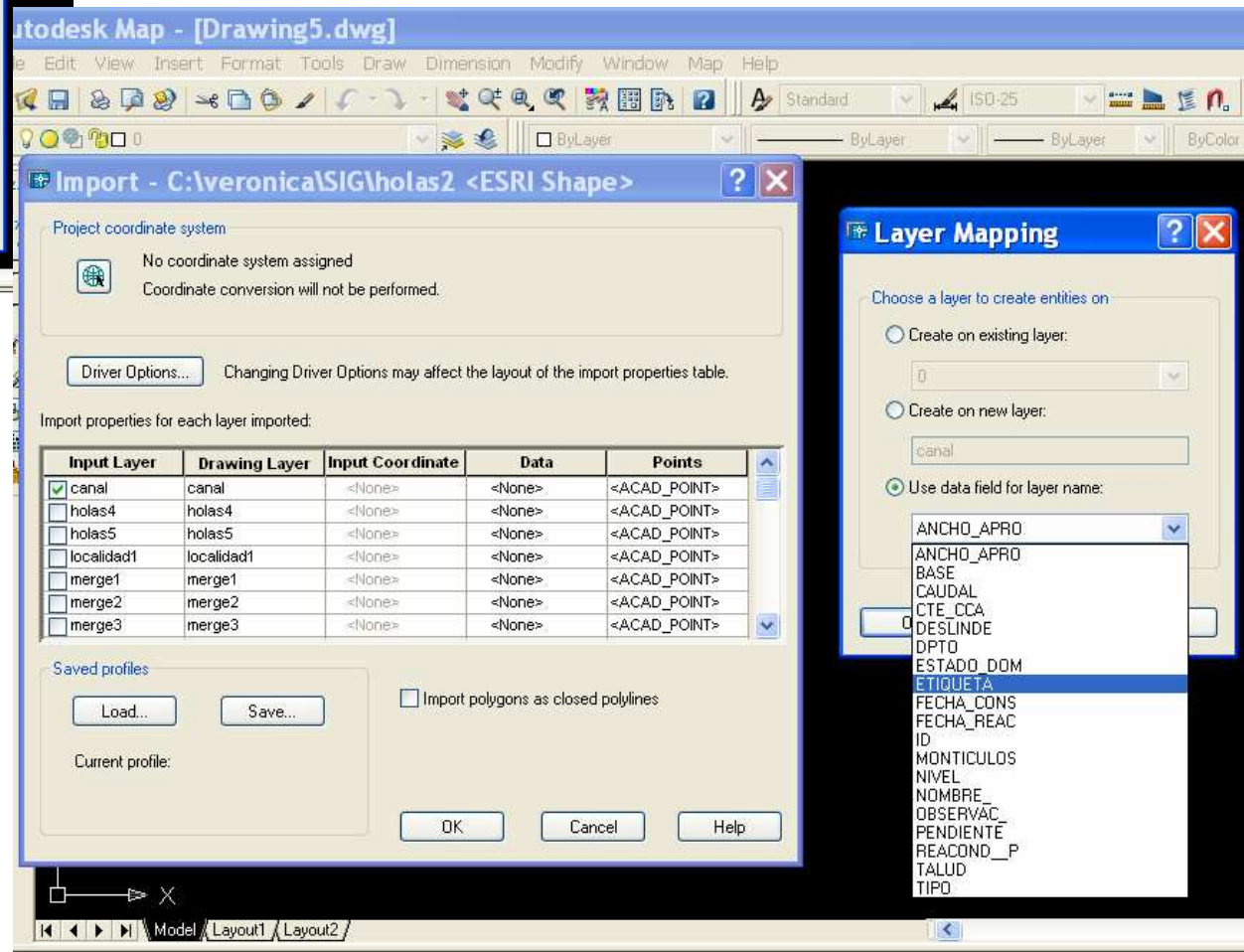
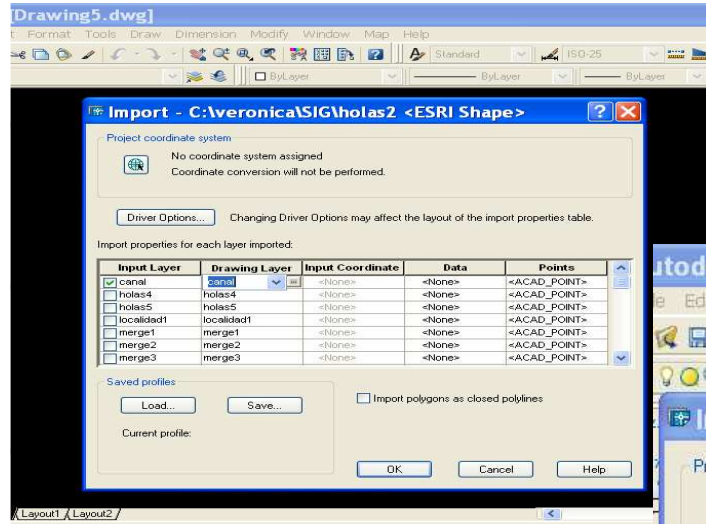


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Autodesk Map - [Drawing5.dwg]

File Edit View Insert Format Tools Draw Dimension Modify Window Map Help

Standard ISO-25

ByLayer ByLayer

- 0
- C. Alassia
- C. Alesso
- C. Aliv. Lag. Paiva
- C. Batistutti
- C. Bauza
- C. Bournisent
- C. Burniste
- C. del Cementerio
- C. Drueto
- C. Dupertus
- C. El Basural
- C. El Buda
- C. Gatta
- C. Gonzalez
- C. Interceptor Silva
- C. Interdist. Este
- C. Interdist. Oeste
- C. Interdist. Silva-M.Escalada
- C. Interdistrito
- C. La Argentina
- C. La Cremería
- C. La Mora
- C. Los Hornos
- C. Ppal San Ignacio
- C. Rodriguez
- C. San Pedro
- C. Sec.Vignatti
- C. Spinetta
- C. Terc. N°1



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MUCHAS GRACIAS.....

