

CONSERVATOIRE NATIONAL DES ARTS ET MÉTIERS
CENTRE DE (MONTPELLIER)

MÉMOIRE

Présenté en vue d'obtenir le

Grade LICENCE

Mention : Génie Civil

Parcours : BIM

Cursus : 1 an

Code diplôme : LG03507F

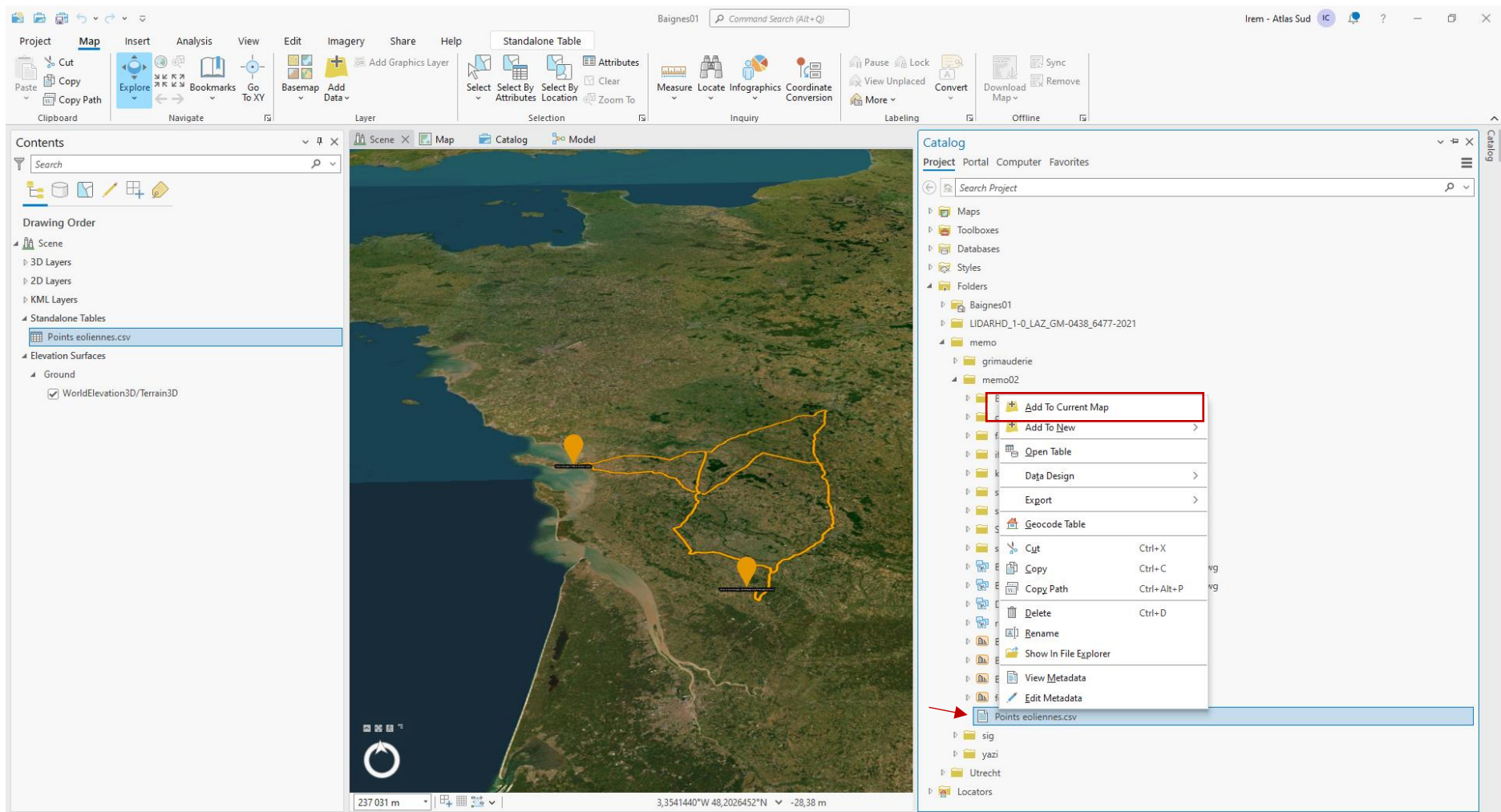
Par

Irem CAGBAYIR

Plateforme de Jumeaux Numériques - Atlas-Sud

le 25/07/2023

Annexe 2 - Transfert des coordonnées des éoliennes vers ArcGIS (Les données .csv)



Transfert de tableau sur la scène (Figure 20 – Page 33)

	A	B	C	D	E
1	Name	Easting	Northing	Elevation	
2	E8	442515.550	6480932.846	55.628	
3	E5	443641.181	6478587.655	70.704	
4	E4	443932.404	6479130.783	89.348	
5	E3	443487.997	6480192.000	68.439	
6	E2	444191.735	6479687.126	73.214	
7	E1	444828.97	6480027.566	78.629	
8					

Geoprocessing

XY Table To Point

Parameters Environments

Input Table
Points eoliennes.csv

Output Feature Class
Pointseoliennes_XYTableToPoint

X Field
Easting

Y Field
Northing

Z Field
Elevation

Coordinate System
RGF_1993_Lambert_93

.csv (excel)

ArcGIS Pro

A →

Création de données .shp à partir des informations de la table (Figure 21 – Page 34)

Figure 21 shows the QGIS interface during the creation of a shapefile (.shp) from a table. The main map area displays a satellite image of a rural landscape with several points marked. The 'Contents' panel on the left shows the 'eoliennePoints' layer selected. The 'Geoprocessing' panel on the right is open, showing the 'XY Table To Point' tool. The 'Parameters' tab is active, with the following settings:

- Input Table: Points eoliennes.csv
- Output Feature Class: eoliennePoints.shp
- X Field: Easting
- Y Field: Northing
- Z Field: Elevation
- Coordinate System: RGF_1993_Lambert_93

The 'Table' panel at the bottom shows the data being processed, with columns: FID, Shape, Name, Easting, Northing, and Elevation. The table contains 6 rows of data, with the first row highlighted.

FID	Shape	Name	Easting	Northing	Elevation
0	Point ZM	E8	442515,55	6480932,846	55,628
1	Point ZM	E5	443641,181	6478587,655	70,704
2	Point ZM	E4	443932,404	6479130,783	89,348
3	Point ZM	E3	443487,997	6480192	68,439
4	Point ZM	E2	444191,735	6479687,126	73,214
5	Point ZM	E1	444828,97	6480027,566	78,629

Création de données .shp à partir des informations de la table (Figure 21 – Page 34)