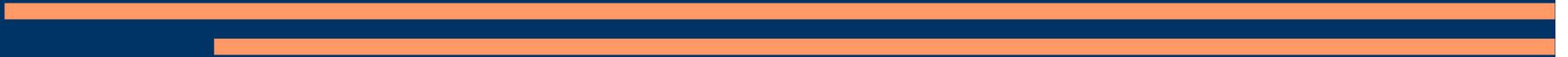
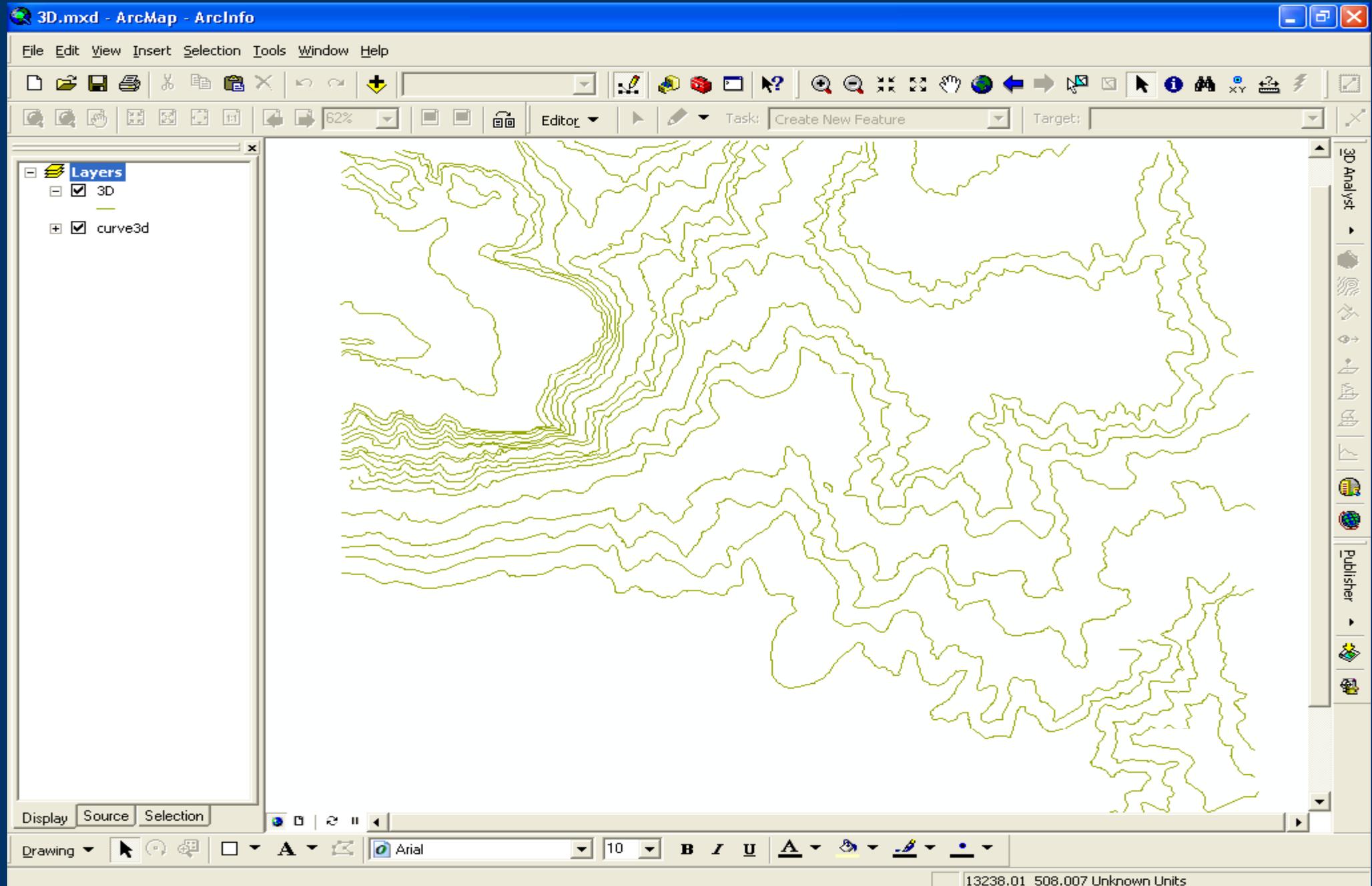


Redazione del DEM e del TIN

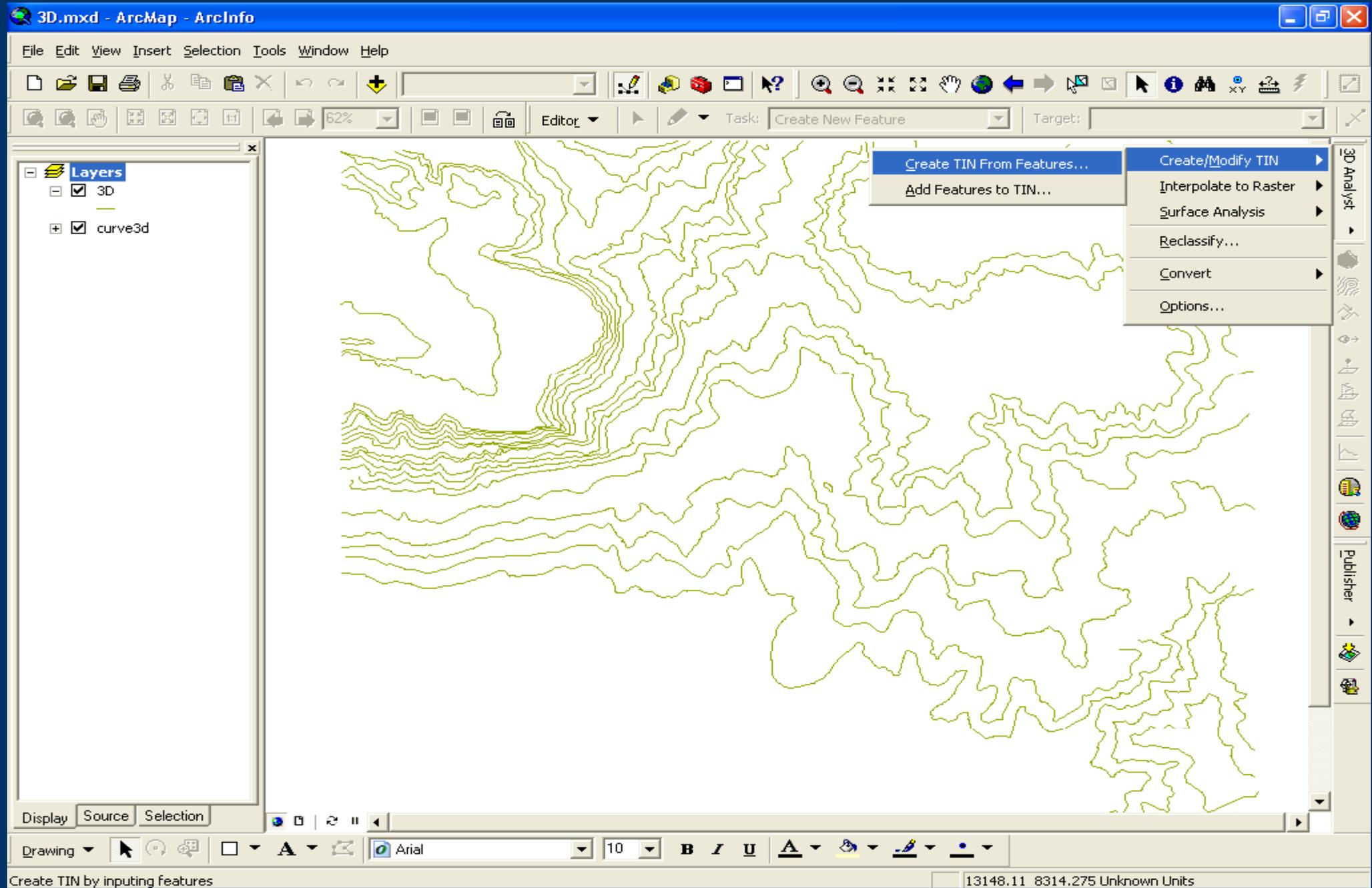
Sia il DEM che il TIN sono ancora dei GIS quindi
includono tutte le funzionalità viste in precedenza
(query, interattività, stampa, etc)



Vettorializzazione delle curve di livello



Conversione da 2D in 3D



Selezione del campo "Elevation"

The screenshot displays the ArcMap interface with the 'Create TIN From Features' dialog box open. The dialog box is titled 'Create TIN From Features' and contains the following elements:

- Inputs:** A section with the instruction: "Check the layer(s) that will be used to create the TIN. Click a layer's name to specify its settings."
- Layers:** A list of layers with checkboxes. '3D' is checked, and 'curve3d' is unchecked.
- Settings for selected layer:** A section with the following settings:
 - Feature type: 3D lines
 - Height source: <Feature Z Values>
 - Triangulate as: A dropdown menu with 'Elevation' selected. Other options include EntColor, LyrColor, BlkColor, Thickness, and LineWt.
 - Tag value field: (empty)
- Output TIN:** A text field containing the path 'C:\mesigis\tin'.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

The background map shows a topographic contour map. The 'Layers' panel on the left shows '3D' and 'curve3d' checked. The status bar at the bottom indicates 'Create TIN by inputing features' and '13267.976 8074.543 Unknown Units'.

Selezione della visualizzazione DEM

The screenshot shows the ArcScene interface with the 'Layer Properties' dialog box open for the 'tin' layer. The 'Display' tab is selected, and the 'Face elevation with graduated color ramp' option is chosen. The 'Elevation' field is selected as the value field, and the 'Classification' is set to 'Equal Interval' with 9 classes. A color ramp is visible, and a table shows the resulting elevation classes and their labels.

Layer Properties

General | Source | Display | Symbology | Fields | Base Heights | Rendering

Show:

- Faces
- Elevation
- Edges
- Edge types
- Faces

Value Field: Elevation

Classification: Equal Interval

Classes: 9

Color Ramp: [Color Ramp]

Symbol	Range	Label
[Light Blue]	1,265.11111 - 1,394	1265.111 - 1394
[Light Green]	1,136.22222 - 1,265.11111	1136.222 - 1265.111
[Green]	1,007.33333 - 1,136.22222	1007.333 - 1136.222
[Yellow-Green]	878.44444 - 1,007.33333	878.444 - 1007.333
[Yellow]	749.55556 - 878.44444	749.556 - 878.444
[Orange]	620.66667 - 749.55556	620.667 - 749.556
[Red-Orange]	491.77778 - 620.66667	491.778 - 620.667
[Red]	362.88889 - 491.77778	362.889 - 491.778
[Dark Red]	234 - 362.88889	234 - 362.889

Show hillshade illumination effect in 2D display

Show class breaks using feature values

OK Annulla Applica

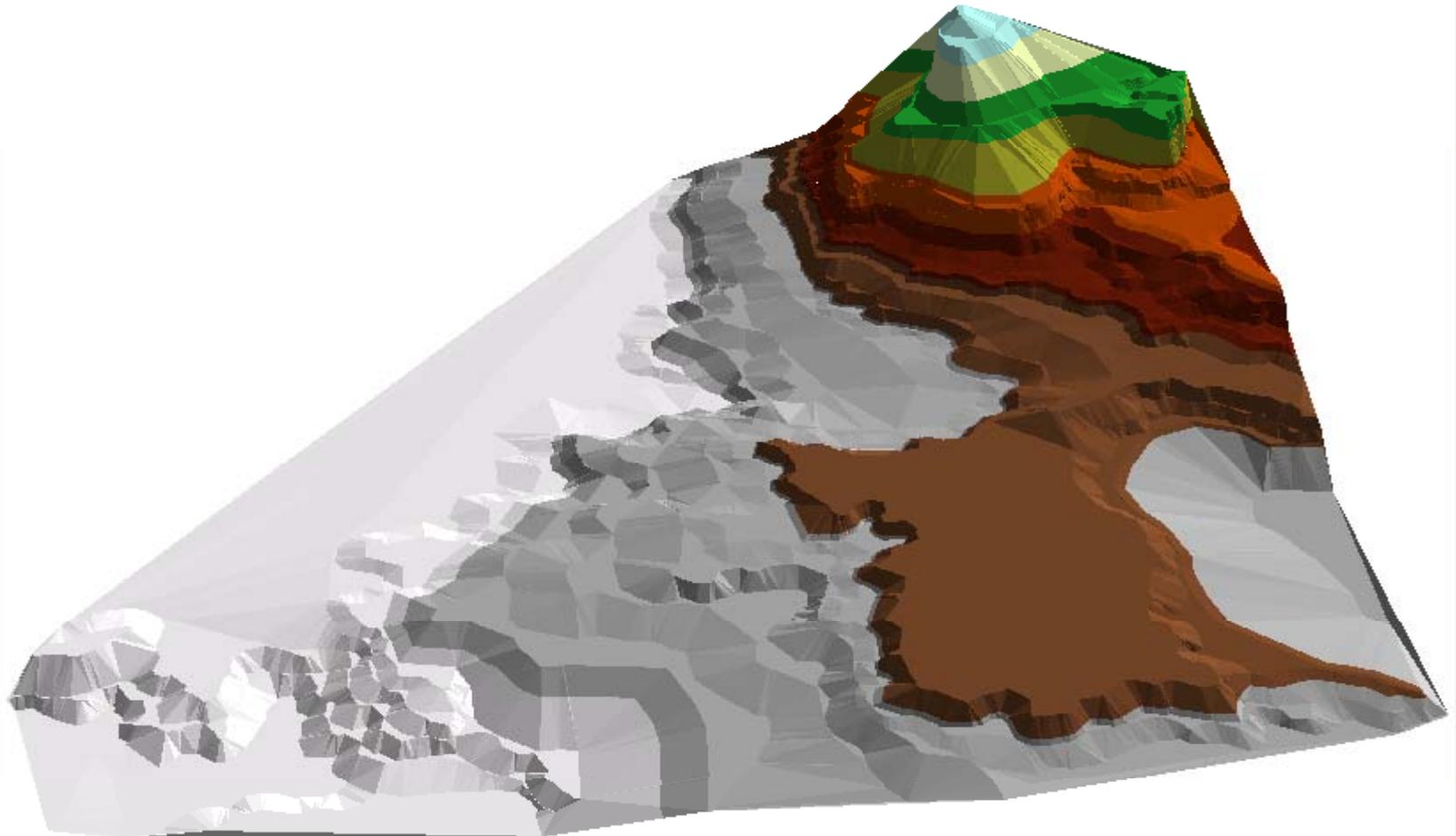
Display Source

Display the properties of this layer

Scene layers

3D

tin



Display Source

Query al modello DEM

The screenshot displays the ArcScene interface with a 3D terrain model. The 'Scene layers' panel on the left shows the 'tin' layer is active. An 'Identify Results' window is open, showing the elevation of a selected point on the terrain.

DEM.sxd - ArcScene - ArcInfo

File Edit View Selection Tools Window Help

3D Analyst Layer: tin

Scene layers

- 3D
- tin

Identify Results

Layers: <Top-most layer>

tin

- 563.136

Location: [7418.741567 7374.305620]

Property	Value
Elevation	563.136
Slope	6.594
Aspect	170.074
Face Tag Value	0
Node Tag Value	0

Display Source

Selezione della visualizzazione TIN

The screenshot shows the ArcScene interface with the 'Layer Properties' dialog box open for the 'tin' layer. The 'Display' tab is selected, and the 'Edges' checkbox is checked under the 'Show' section. The 'Edges with the same symbol' section is visible, showing a symbol preview of a blue line and a legend entry with a 'Description...' button. The 'Scene layers' panel on the left shows the 'tin' layer selected. The status bar at the bottom indicates 'Display the properties of this layer'.

TIN.sxd - ArcScene - ArcInfo

File Edit View Selection Tools Window Help

3D Analyst Layer: tin

Scene layers

- 3D
- tin

Layer Properties

General Source Display Symbology Fields Base Heights Rendering

Show:

- Faces
- Elevation
- Edges
- Edge types
- Faces

Add... ↑

Remove ↓

Edges with the same symbol

Symbol

Legend

Label appearing next to the symbol in table of contents:

Description...

Additional description appearing next to the symbol in your map's legend

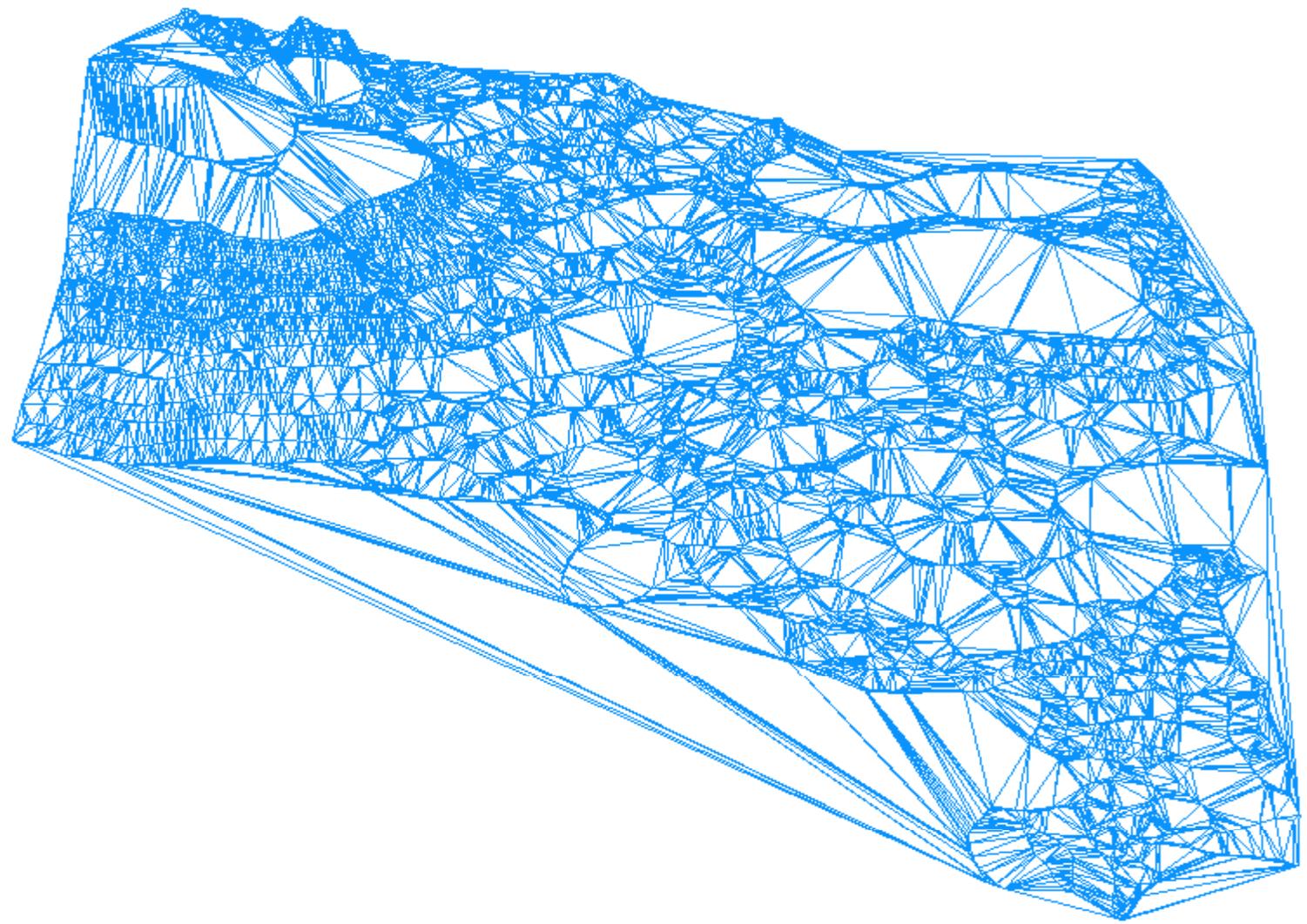
OK Annulla Applica

Display Source

Display the properties of this layer

Scene layers

- 3D
- tin



Query al modello TIN

The screenshot displays the ArcScene interface with a TIN (Triangulated Irregular Network) model rendered in blue wireframe. The interface includes a menu bar (File, Edit, View, Selection, Tools, Window, Help), a toolbar with various navigation and editing tools, and a 'Scene layers' panel on the left. The 'tin' layer is selected and checked. An 'Identify Results' window is open in the bottom right, showing the following data:

Layers: <Top-most layer>

tin
512.513

Location: [8417.887242 7480.828359]

Property	Value
Elevation	512.513
Slope	9.211
Aspect	30.964
Face Tag Value	0
Node Tag Value	0