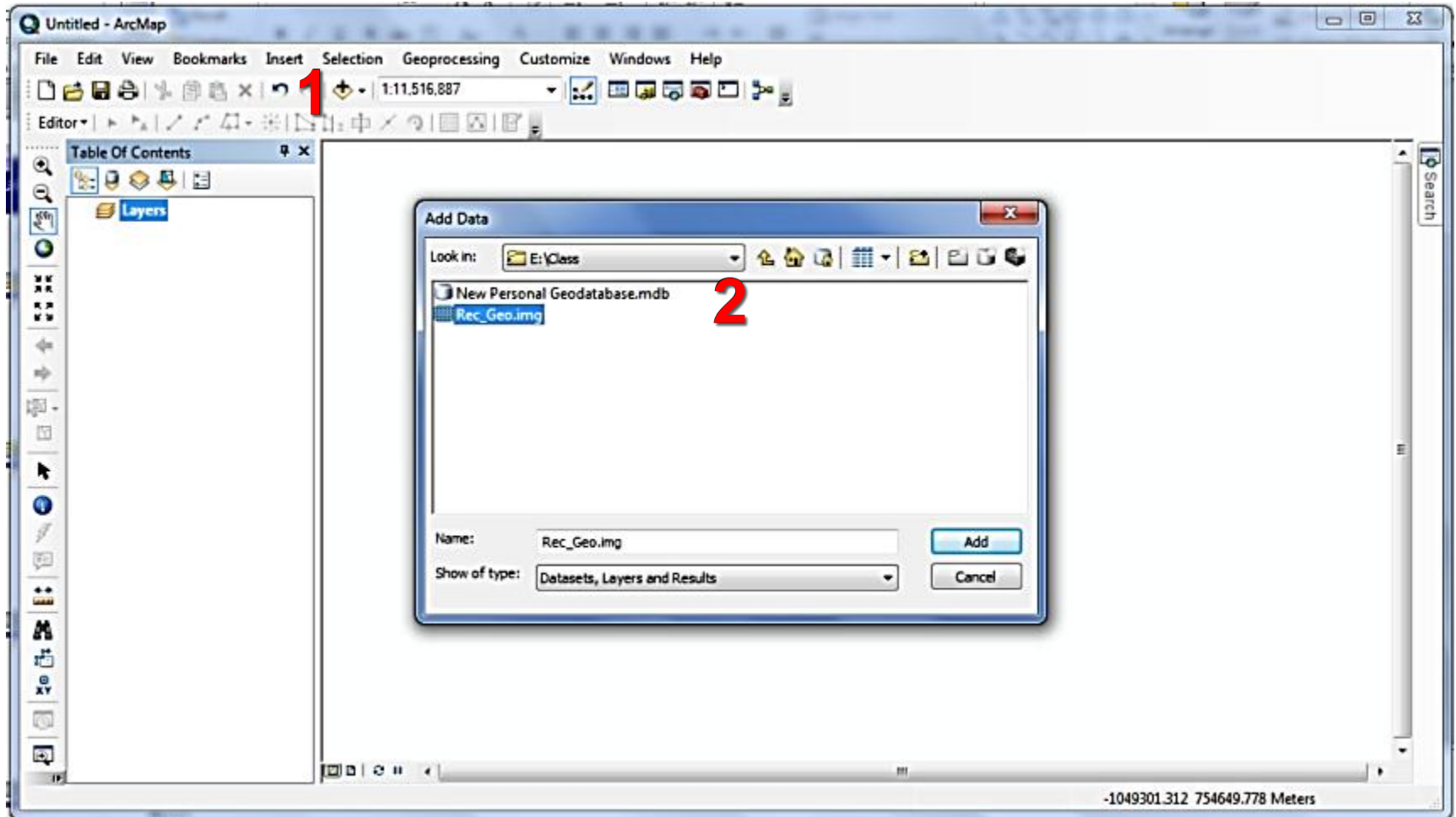




# سامانه اطلاعات جغرافیایی

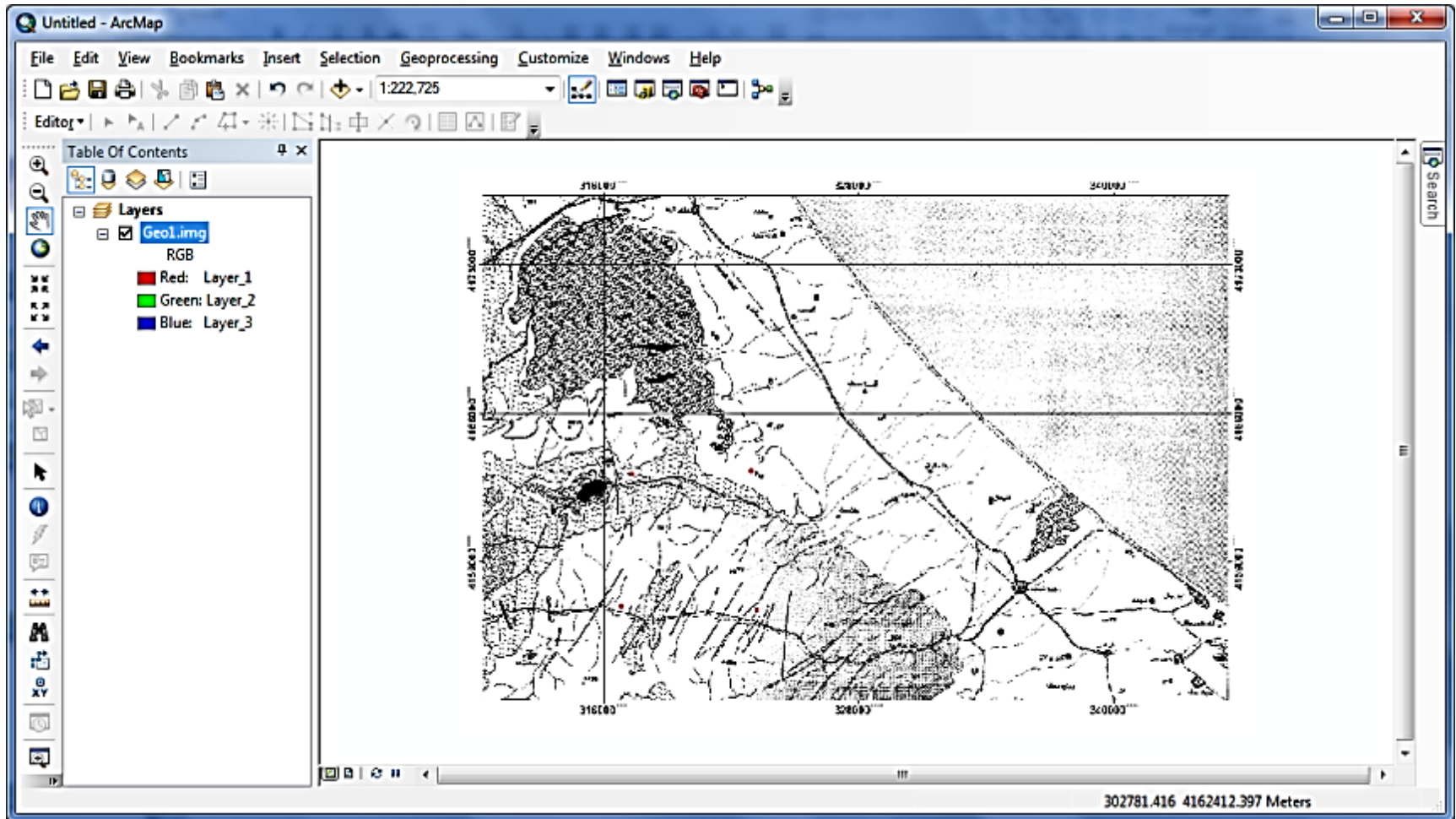
ادریس تقوای سلیمی  
عضو هیات علمی گروه آبخیزداری

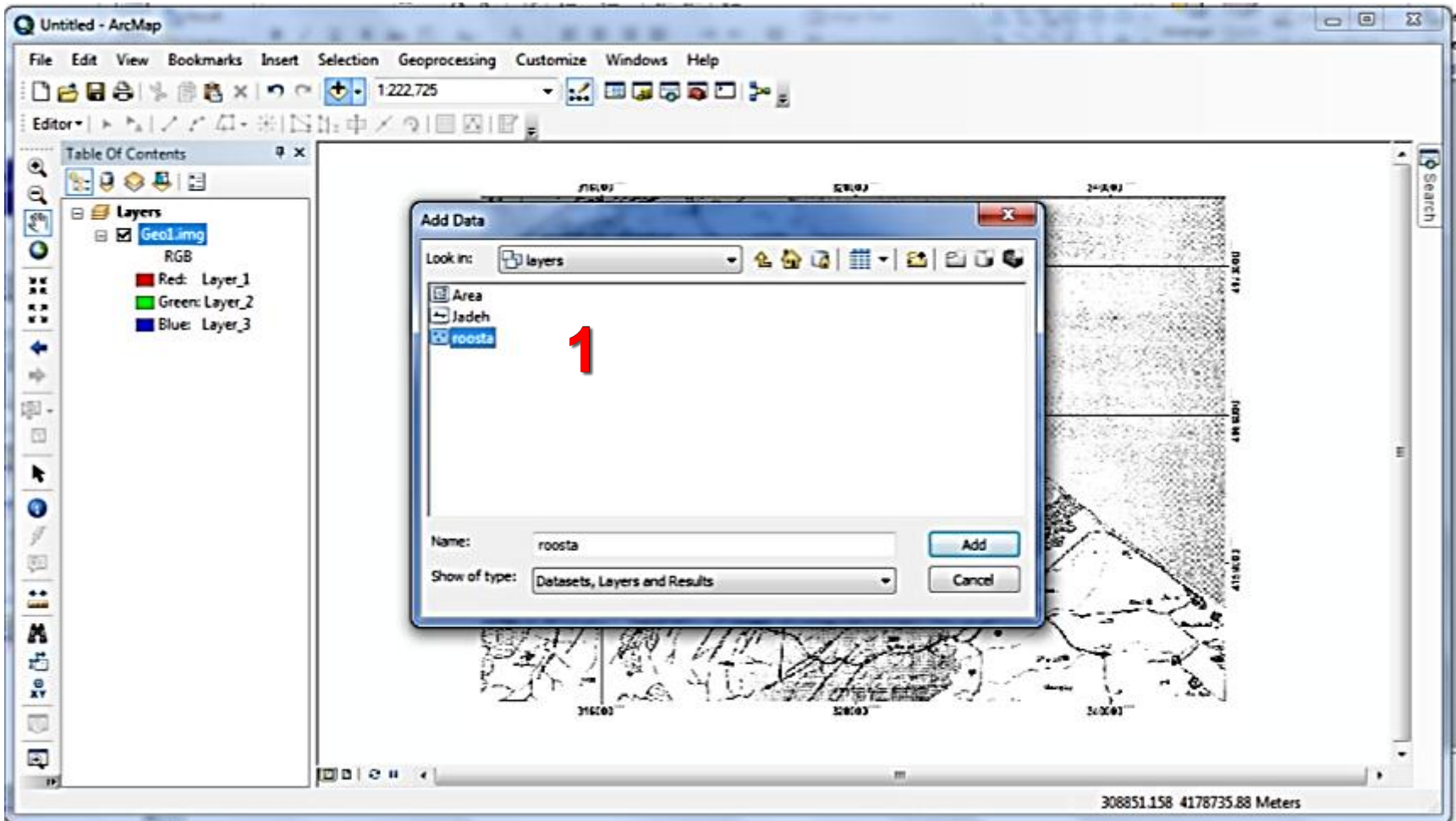




دانشگاه گیلان

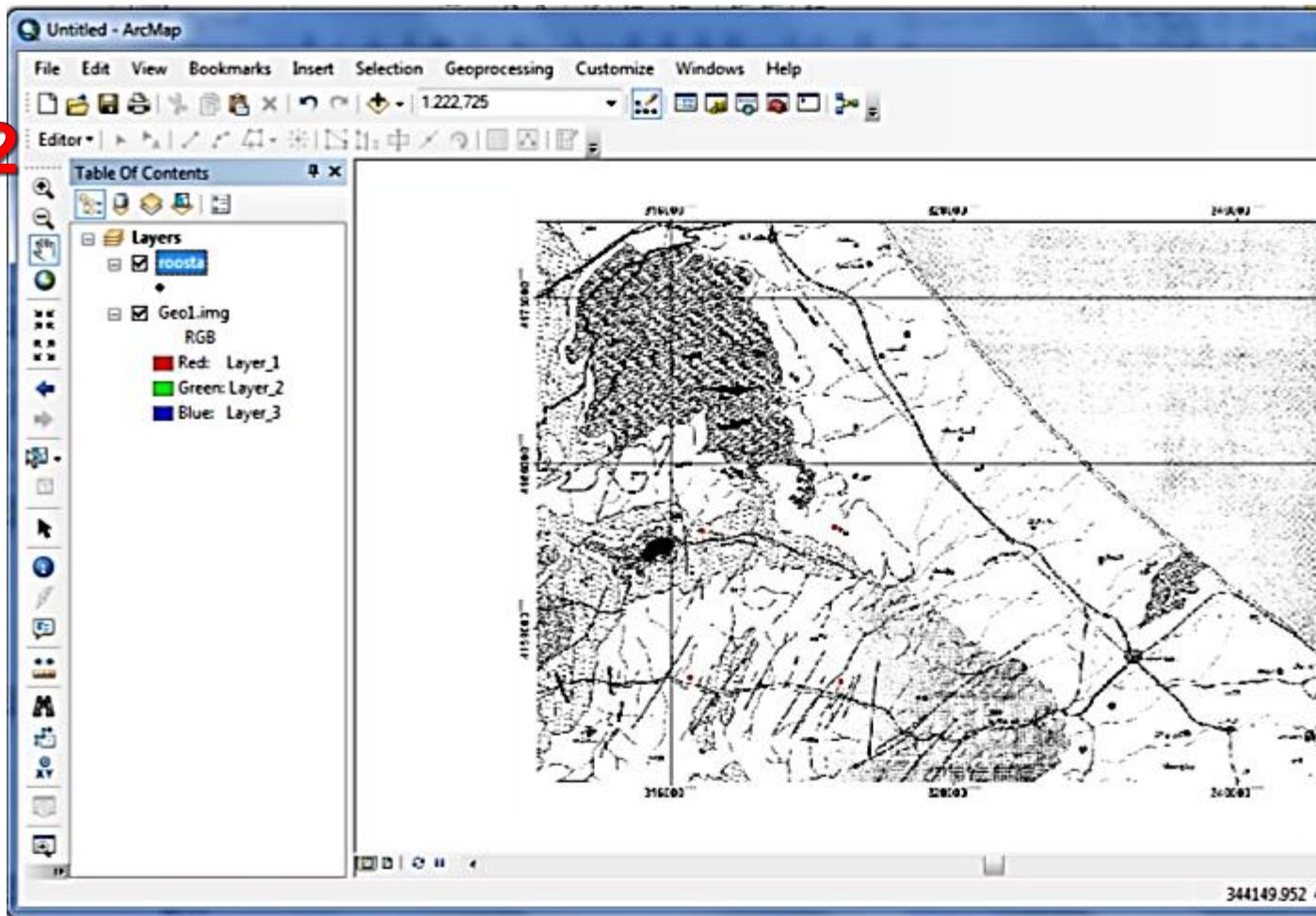
دانشکده منابع طبیعی



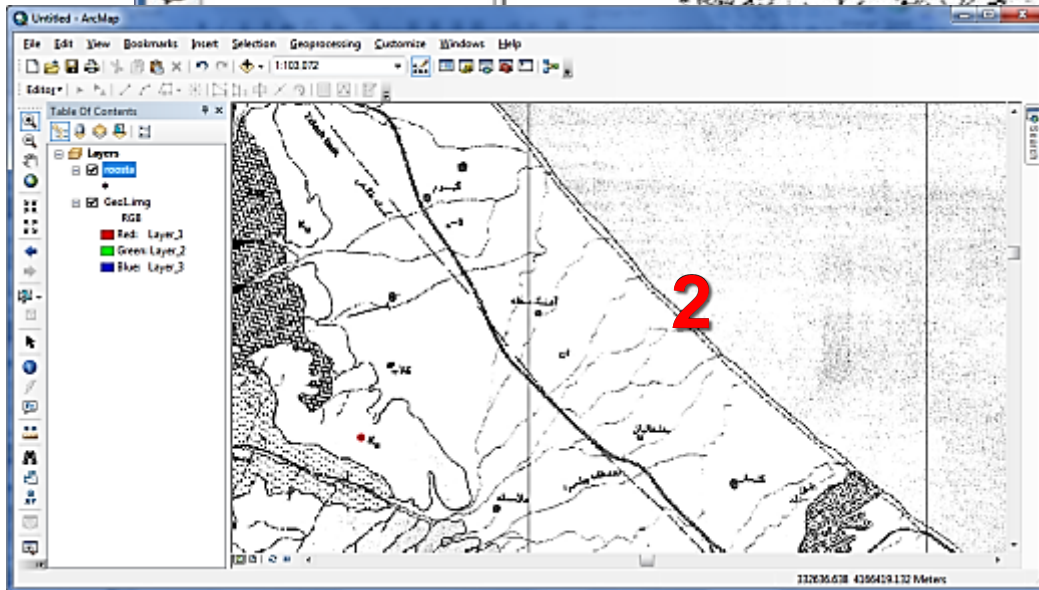
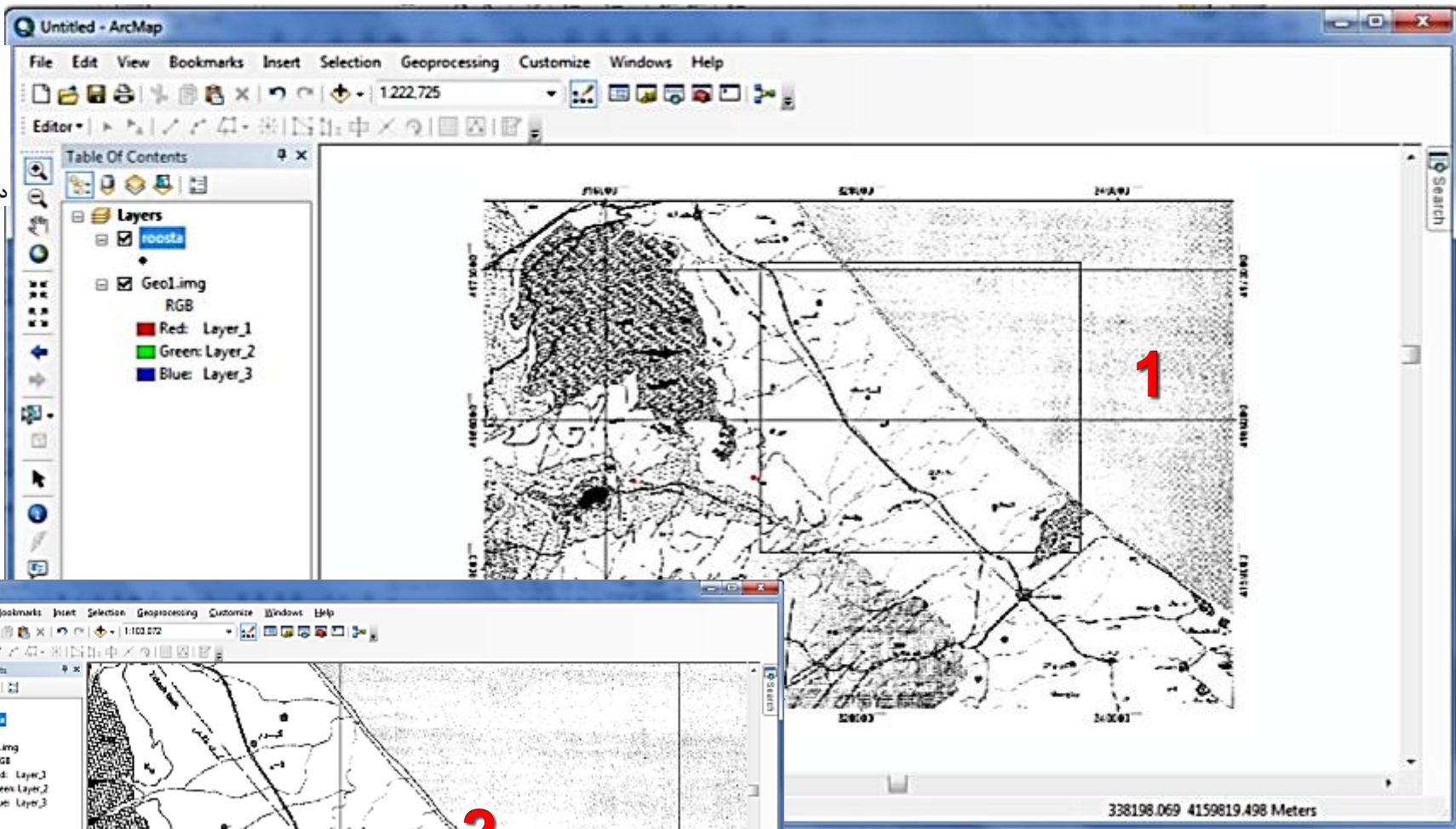




2

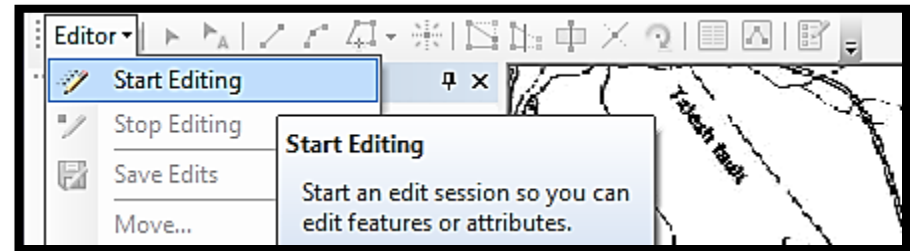


- ArcScan
- COGO
- Data Driven Pages
- Data Frame Tools
- Distributed Geodatabase
- Draw
- Edit Vertices
- Editor 1
- Effects
- Feature Cache
- Feature Construction
- Geocoding
- Geodatabase History
- Geometric Network Editing
- Georeferencing
- Geostatistical Analyst
- GPS
- Graphics
- Image Classification
- Labeling
- LAS Dataset
- Layout
- Network Analyst
- Parcel Editor
- Publisher
- Raster Painting
- Representation
- Route Editing
- Schematic
- Schematic Editor

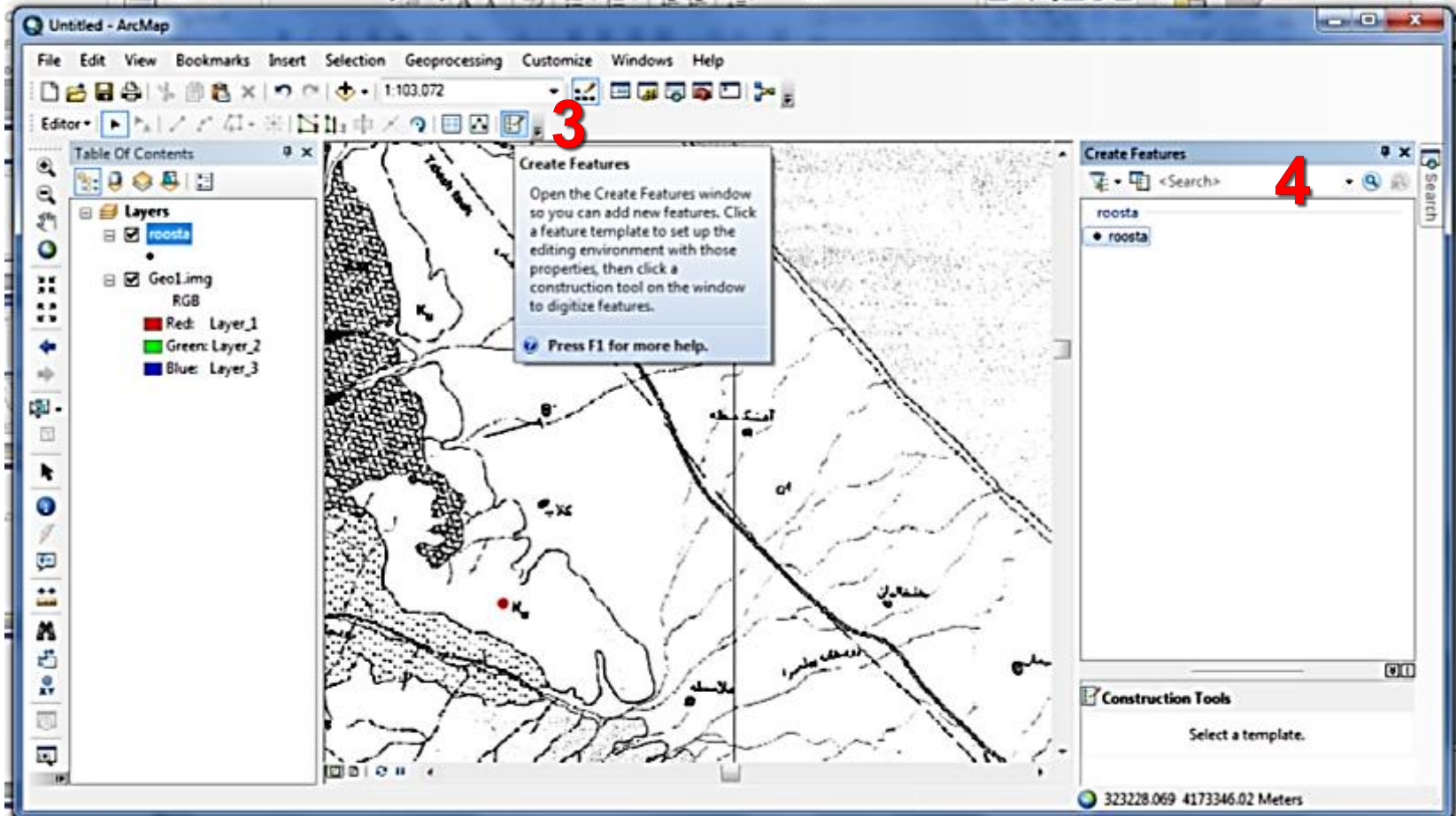




1

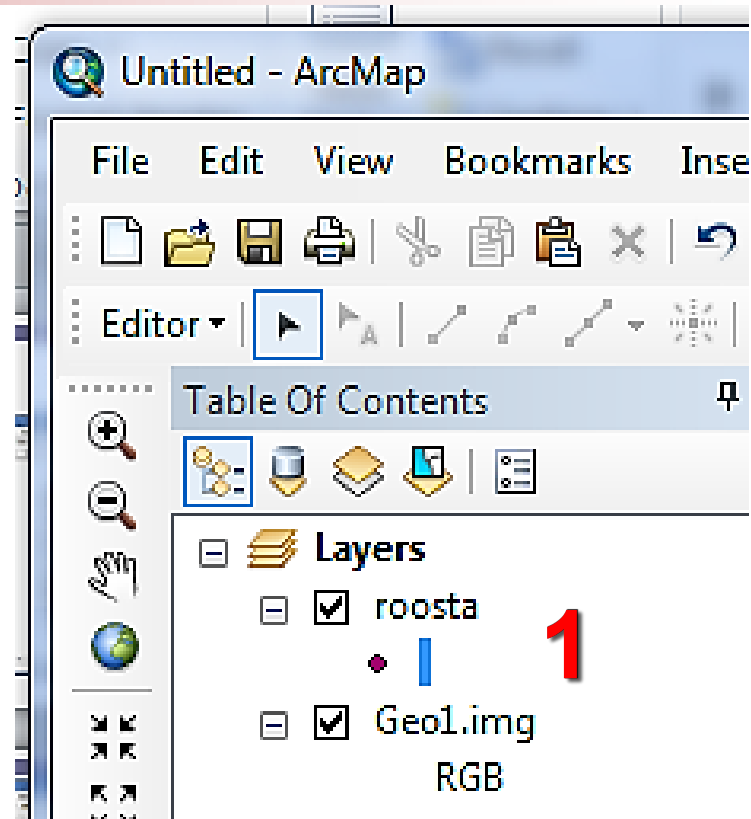
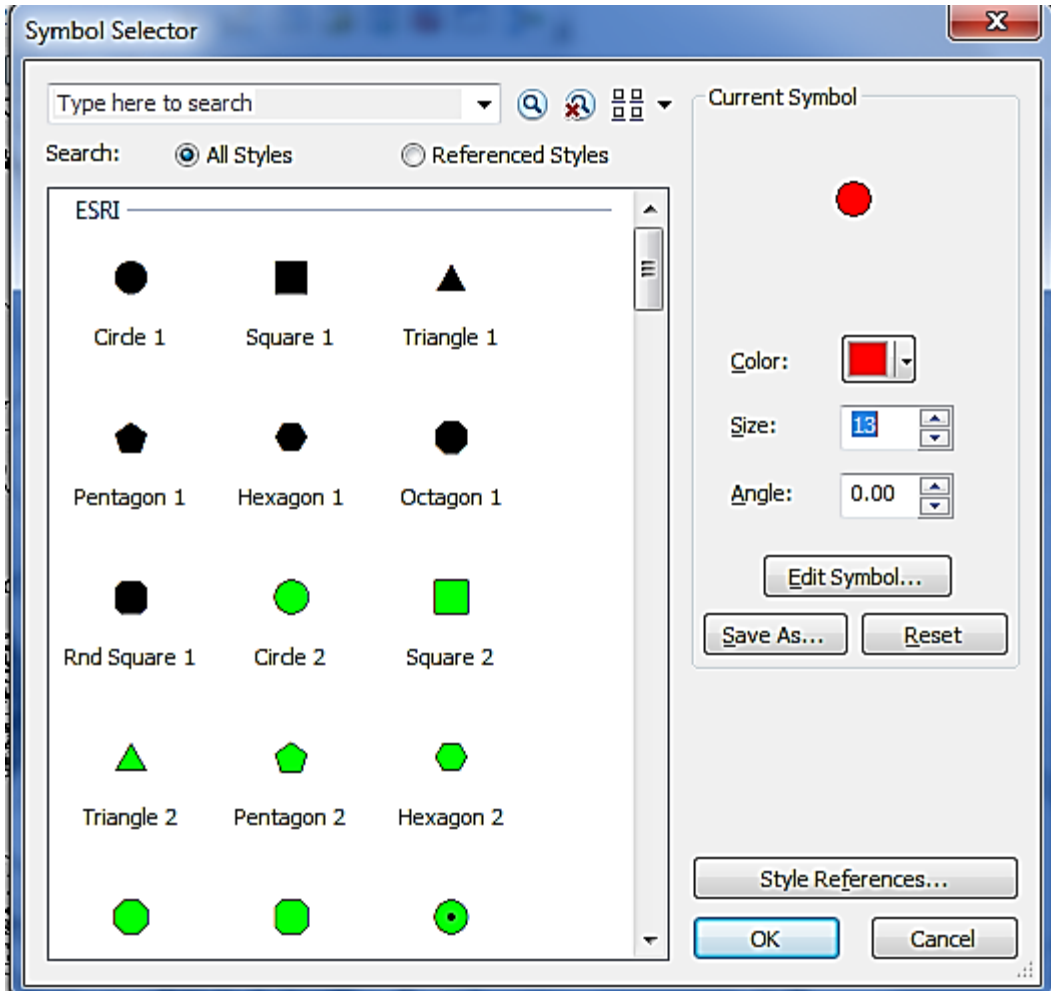


2





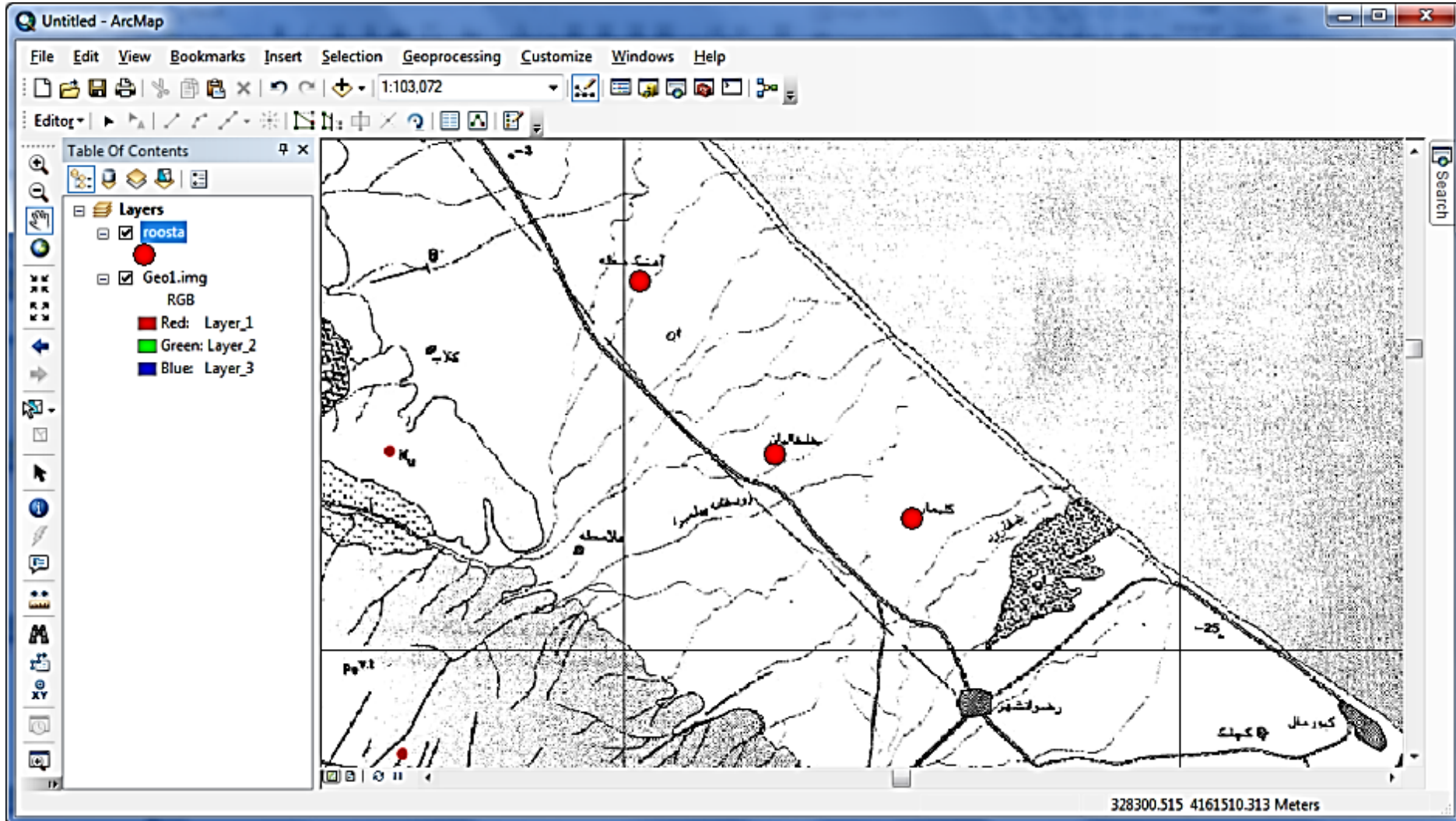
2







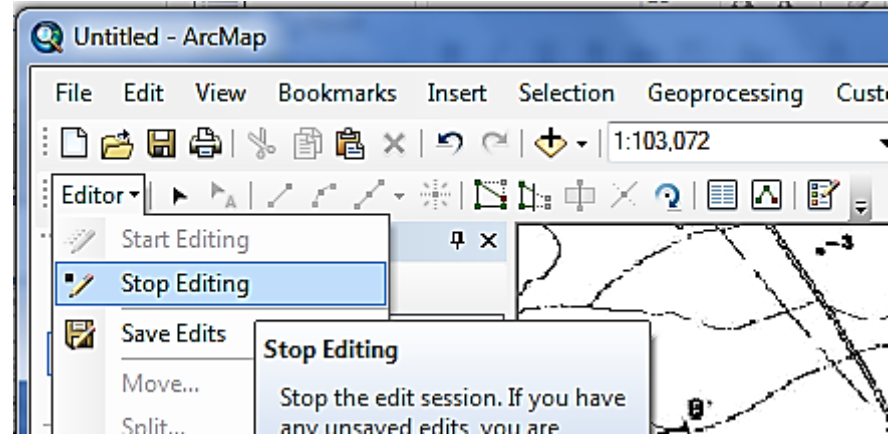
دانشگاه گیلان  
دانشکده منابع طبیعی



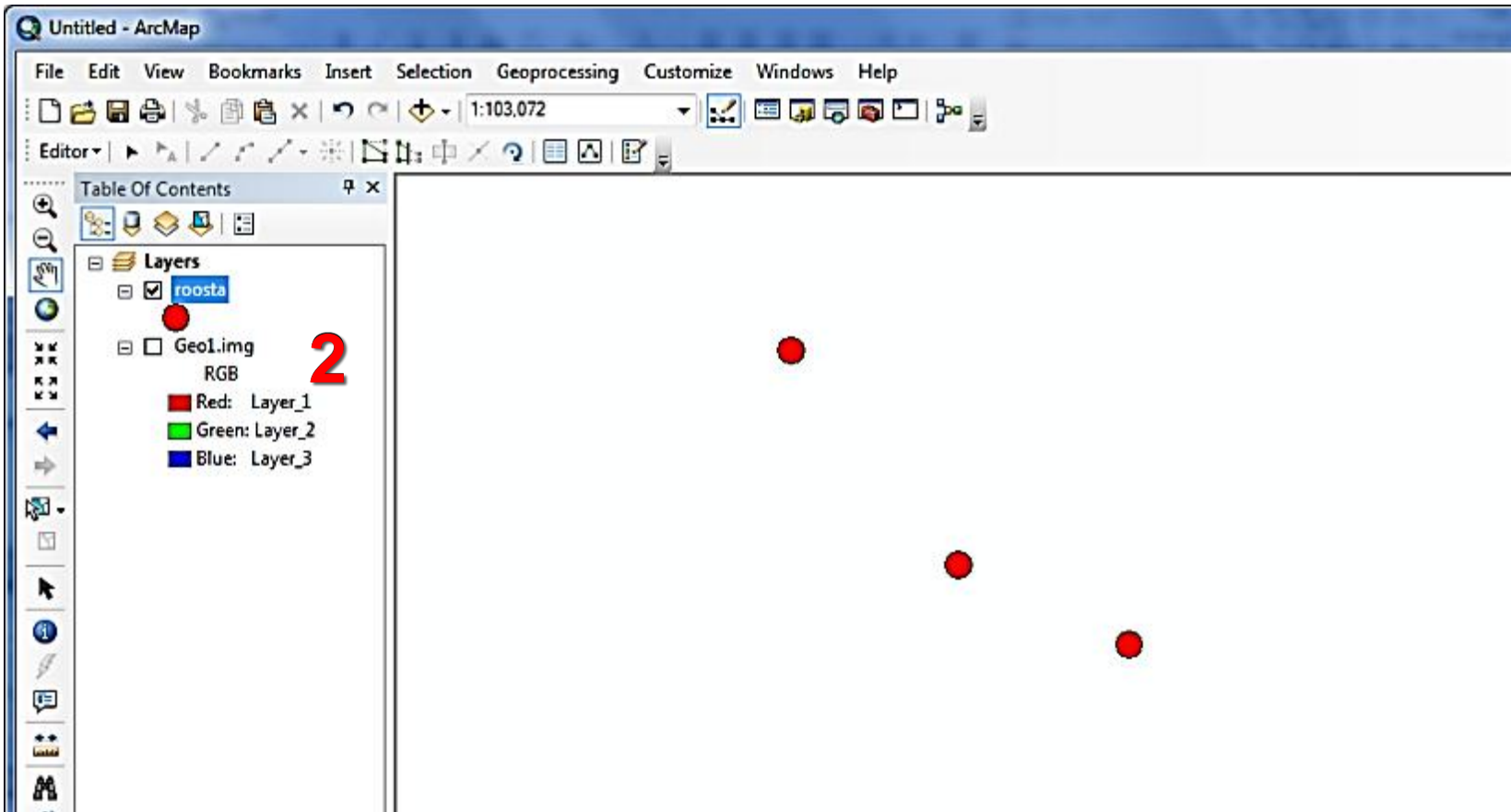
328300.515 4161510.313 Meters



دانشگاه گیلان  
دانشکده منابع طبیعی



1



2



دانشگاه گیلان  
دانشکده منابع طبیعی

Table

roosta

OBJECTID *	SHAPE *
1	Point
2	Point
3	Point

(0 out of 3 Selected)

roosta

Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

1:103,072

Editor

Table Of Contents

Layers

- roosta
- Geo
- Re
- G
- B

Copy

Remove

Open Attribute Table

Joins and Relates

Zoom To Layer

Zoom To Make Visible

Visible Scale Range

Open Attribute Table

Open this layer's attribute table.  
Shortcut: CTRL + double-click  
layer name OR CTRL + T.



3

**Add Field**

Name:

Type:

Field Properties

Alias	
Allow NULL Values	Yes
Default Value	
Length	20

2

**Add Field**

Name:

Type:

Field Properties

- Alias
- Allow NULL
- Default Value

Long Integer  
Float  
Double  
Text  
Date  
Blob  
Raster  
Guid

1

**Table**

- Find and Replace...
- Select By Attributes...
- Clear Selection
- Switch Selection
- Select All
- Add Field...
- Turn All Fields On
- Show Field Aliases
- Arrange Tables
- Restore Default Column Widths
- Restore Default Field Order



1

Table

roosta

	OBJECTID *	SHAPE *	Roosta
▶	1	Point	<Null>
	2	Point	<Null>
	3	Point	<Null>

1 | (0 out of 3 Selected)

roosta

2

Table

roosta

	OBJECTID *	SHAPE *	Roosta
▶	1	Point	<Null>
	2	Point	<Null>
	3	Point	<Null>

1 | (1 out of 3 Selected)

roosta



The screenshot shows the ArcMap interface with a map of a region containing three red points. A data table for the 'roosta' layer is displayed in the foreground, showing three records with OBJECTID, SHAPE, and Roosta fields.

OBJECTID *	SHAPE *	Roosta
1	Point	<Null>
2	Point	<Null>
3	Point	<Null>



The screenshot shows the ArcMap interface with a map of a region containing several red points. A data table window is open, displaying the following data:

OBJECTID*	SHAPE*	Roosta
1	Point	keliman
2	Point	khalkhalian
3	Point	Ahang-Mahaleh

The interface includes a menu bar (File, Edit, View, Bookmarks, Insert, Selection, Geoprocessing, Customize, Windows, Help), a toolbar, and a Table of Contents panel. The map scale is 1:103,072. The 'roosta' layer is selected in the Layers panel. The Table window shows 3 records, with the third record (Ahang-Mahaleh) selected. The status bar indicates '(1 out of 3 Selected)'.



The screenshot shows the ArcMap interface with a map containing three red points. The Table of Contents on the left shows a layer named 'roosta' selected. The Table window on the right displays the following data:

OBJECTID *	SHAPE *	Roosta
1	Point	kelman
2	Point	khakhalan
3	Point	Ahang-Mahaieh

The status bar at the bottom right indicates the coordinates 338254.508 4159137.717 Meters.





دانشگاه گیلان  
دانشکده منابع طبیعی

جلسه بعدی:

ادامه کار با نرم افزار ArcGIS