SUPPLEMENTAL FILE B:
Screenshot documentation of new lidar-based measurements

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ID #s including CT indicated offset meaurements from:

Chen, T., Akciz, S. O., Hudnut, K. W., Zhang, D. Z., and Stock, J. M., 2015, Fault-Slip Distribution of the 1999 Mw 7.1 Hector Mine Earthquake, California, Estimated from Postearthquake Airborne LiDAR Data: Bulletin of the Seismological Society of America, v. 105, no. 2A, p. 776-790.

LaDiCaoz

About

3

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct10123.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 20
- Z-factor: 1

Contour plot:
- Min. Elevation: 843.433
- Max. Elevation: 922.156
- Contour: 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue: 0

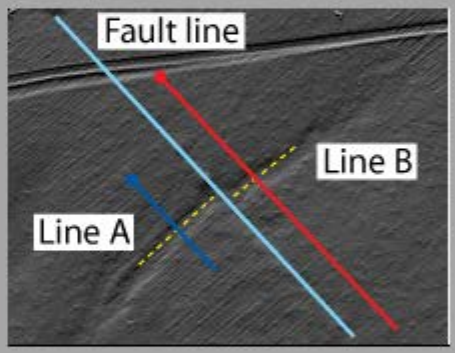
Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

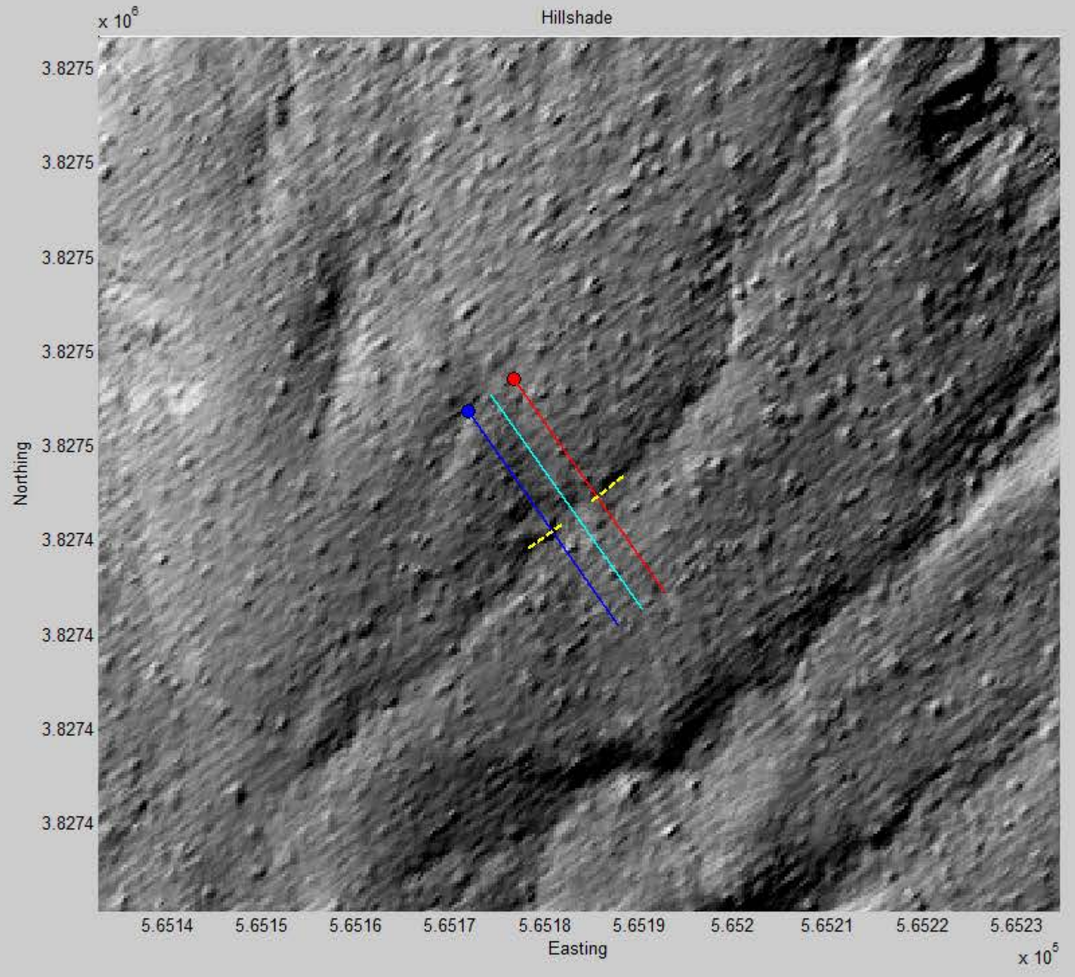
Figures

File Edit View Insert Tools Debug Desktop Window Help

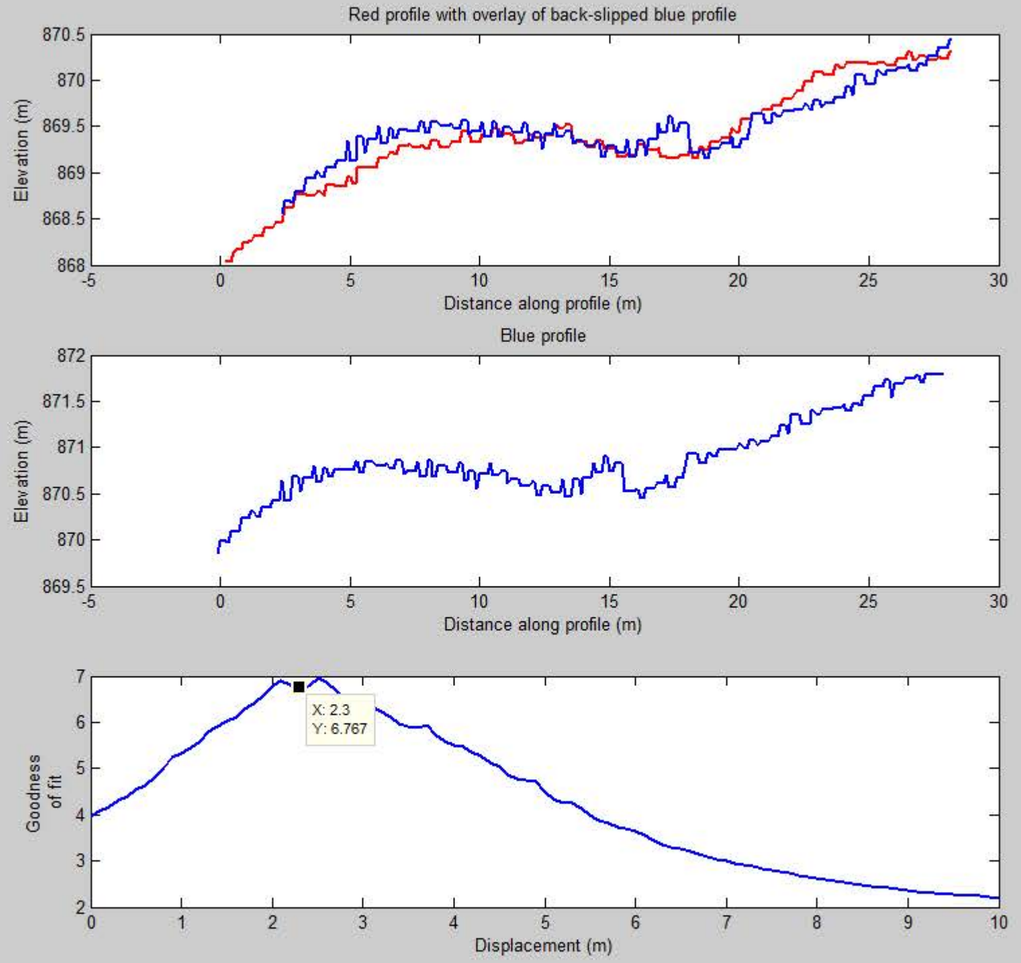
4

Hillshade × Profiles ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

5

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct10123.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 20
- Z-factor: 1

Contour plot:
- Min. Elevation: 843.433
- Max. Elevation: 922.156
- Contour: 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue: 0

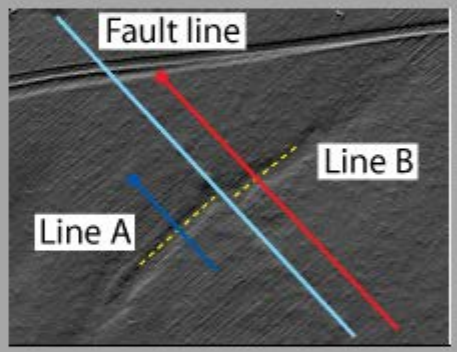
Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise / Counter-Clock-Wise, 0 deg.

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

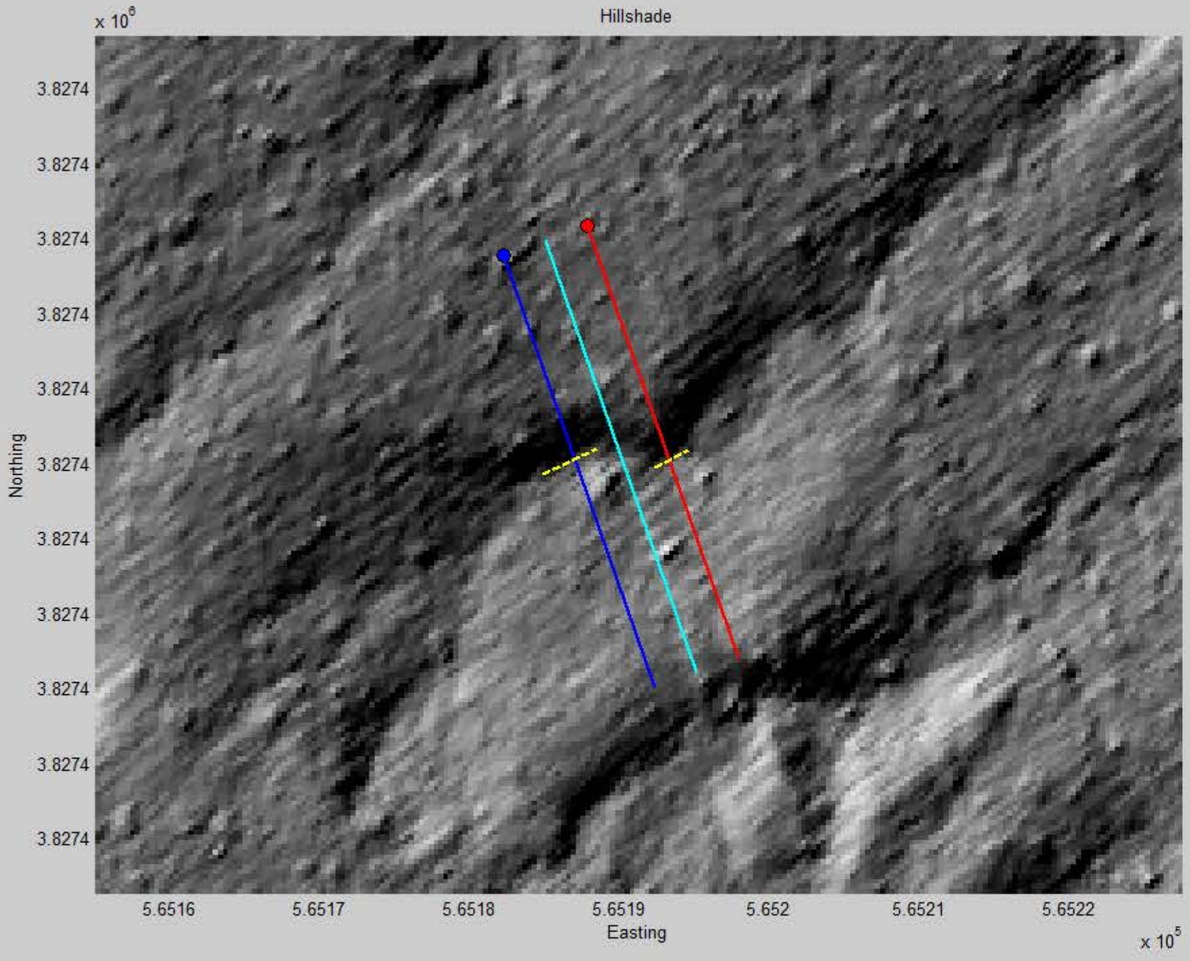
Maximum Slip: NaN

Figures

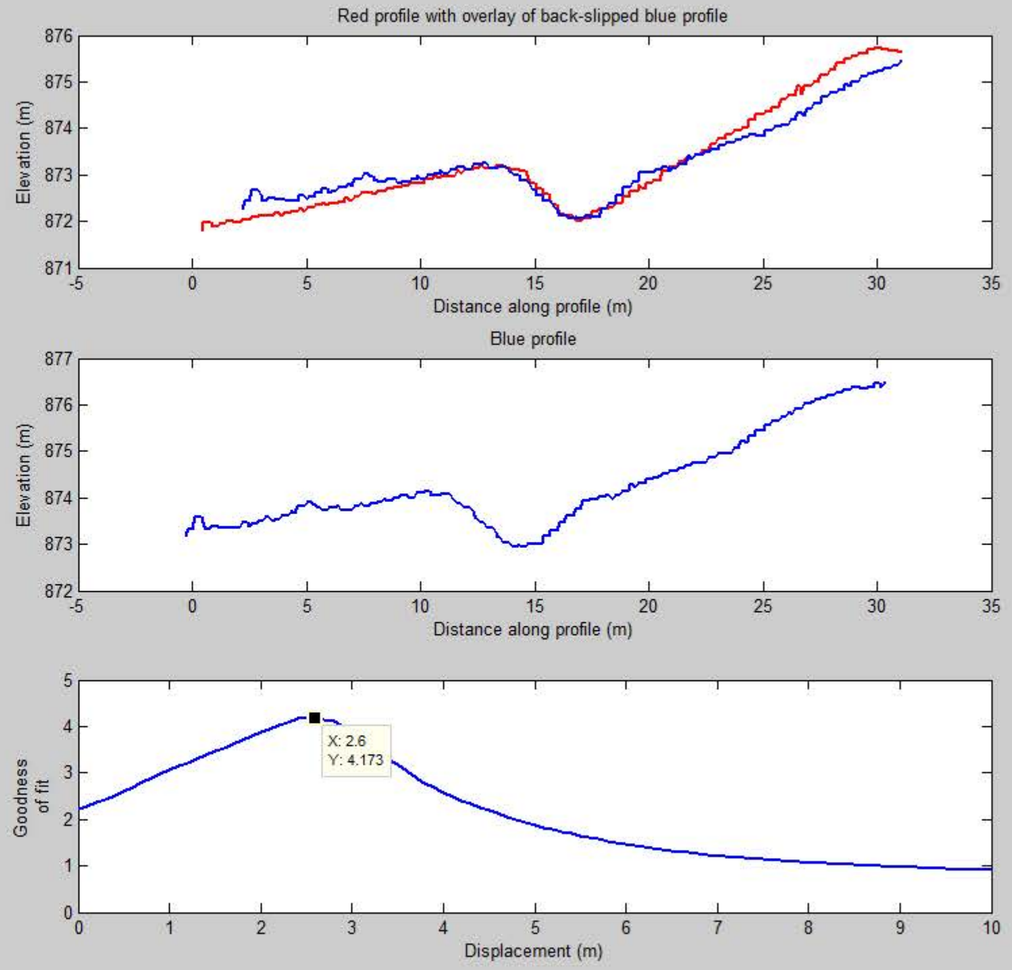
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

6

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About

7

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct10123.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 20
- Z-factor: 1

Contour plot:
- Min. Elevation 860.883
- Max. Elevation 886.339
- Contour 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

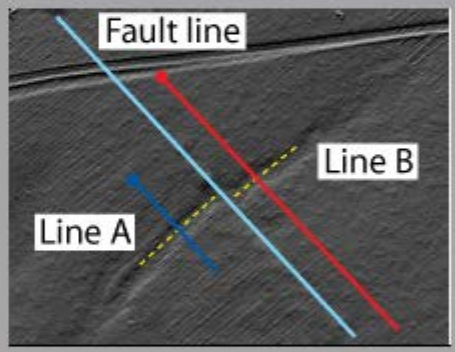
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 2.6 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

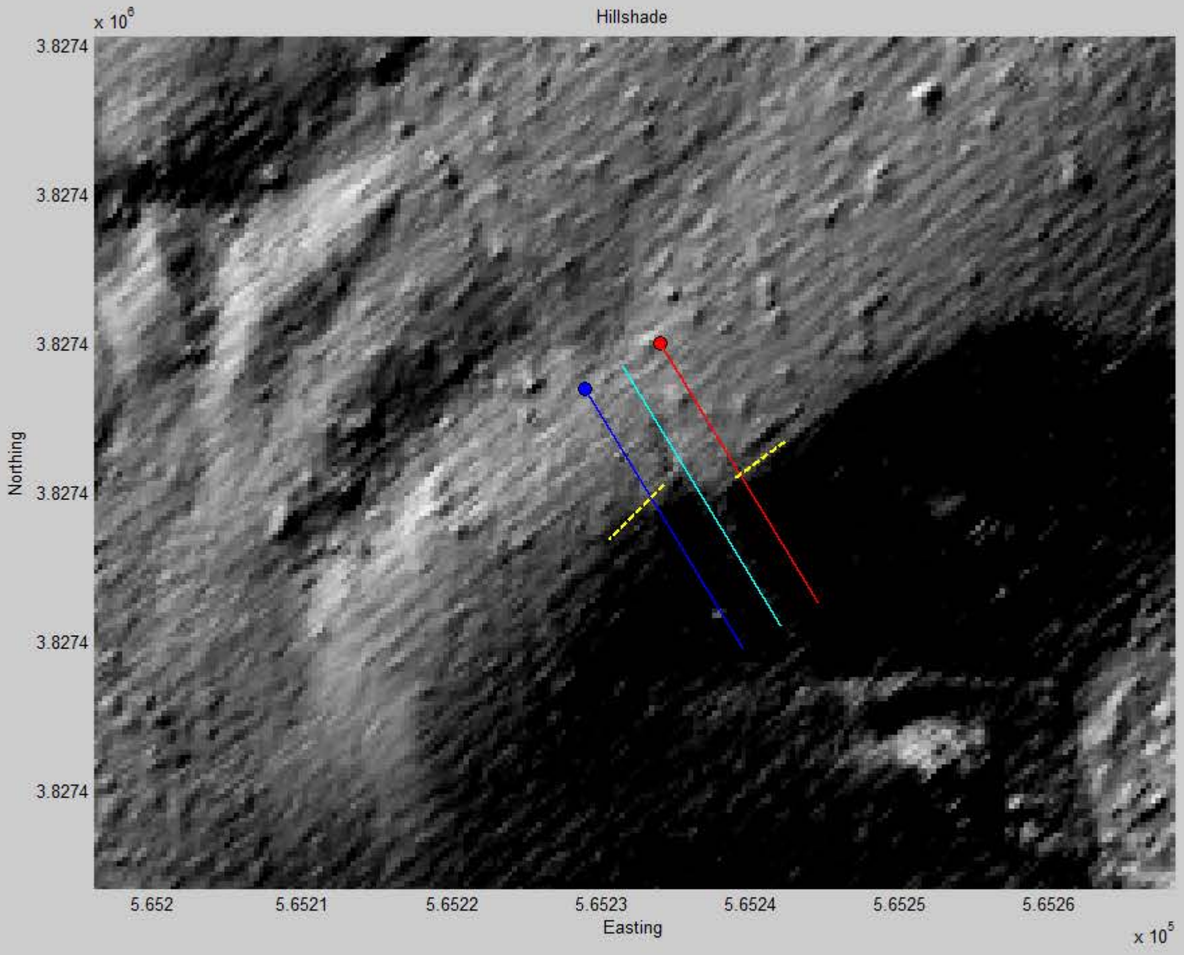
Figures

File Edit View Insert Tools Debug Desktop Window Help

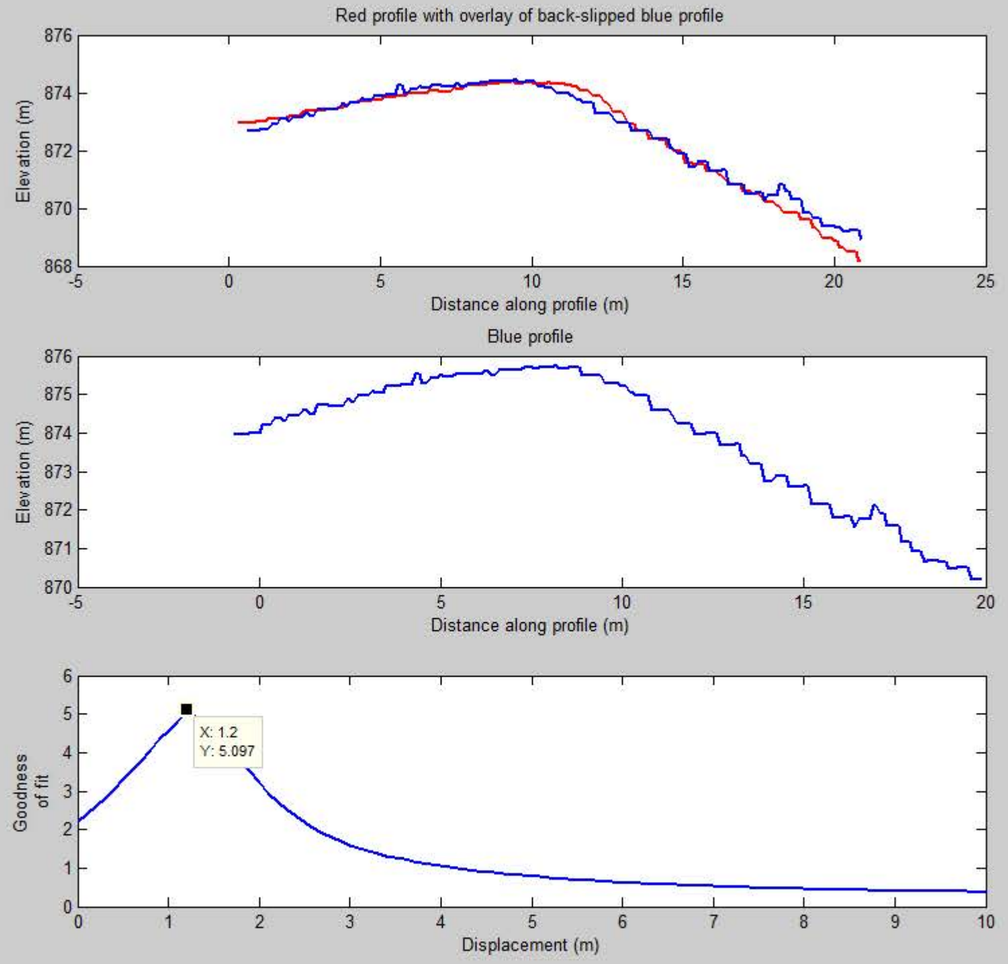
Profiles × Hillshade ×

8

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

9

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct10123.bil | .asc (ARC grid) | 1.) Load DEM file

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 4

Cut off last Xm of blue profile: 1

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 0

Hillshade plot:

Azimuth: 225

Zenith: 35

Z-factor: 1

Contour plot:

Min. Elevation: 860.883

Max. Elevation: 886.339

Contour: 20

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

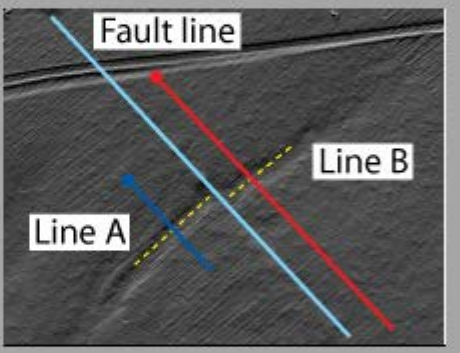
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 2.6 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

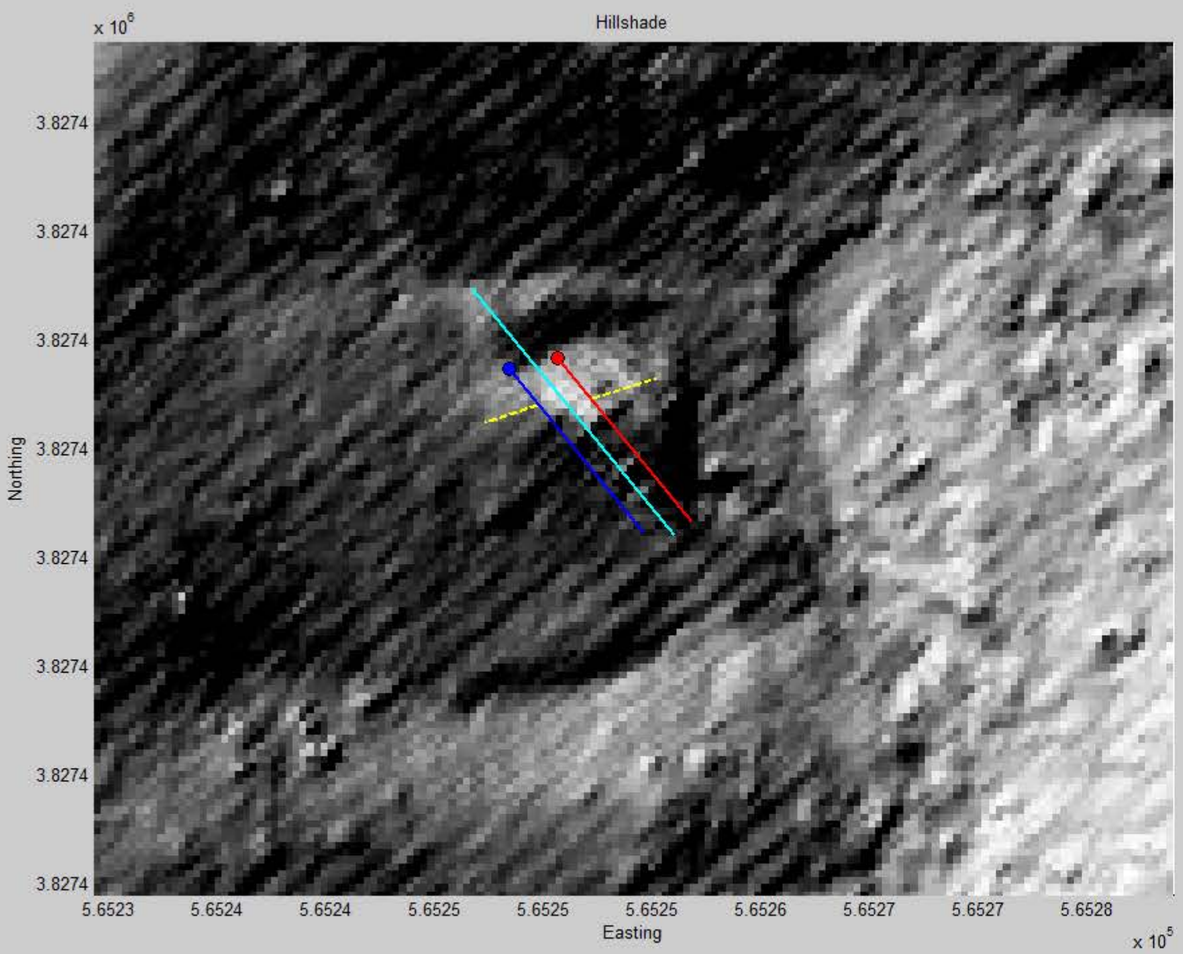
Comment:

Figures

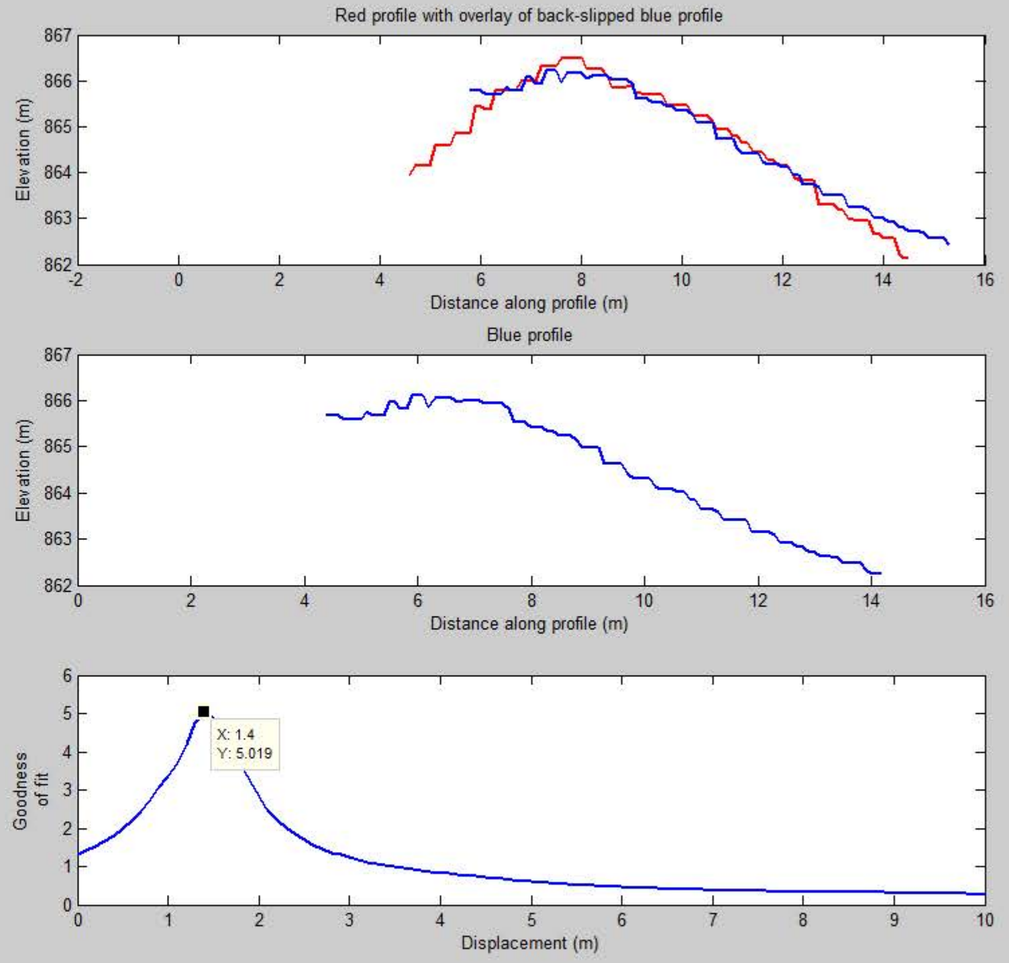
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

11

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct112.bil | .asc (ARC grid) | 1.) Load DEM file

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 5

Cut off last Xm of blue profile: 5

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 5

Hillshade plot:

Azimuth: 225

Zenith: 35

Z-factor: 1

Contour plot:

Min. Elevation: 901.738

Max. Elevation: 976.998

Contour: 20

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

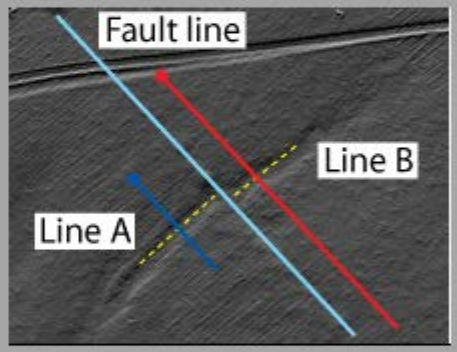
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 2.6 | 4.) Backslip Model

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

UTM zone: 11 N | Name: | 5.) Save All

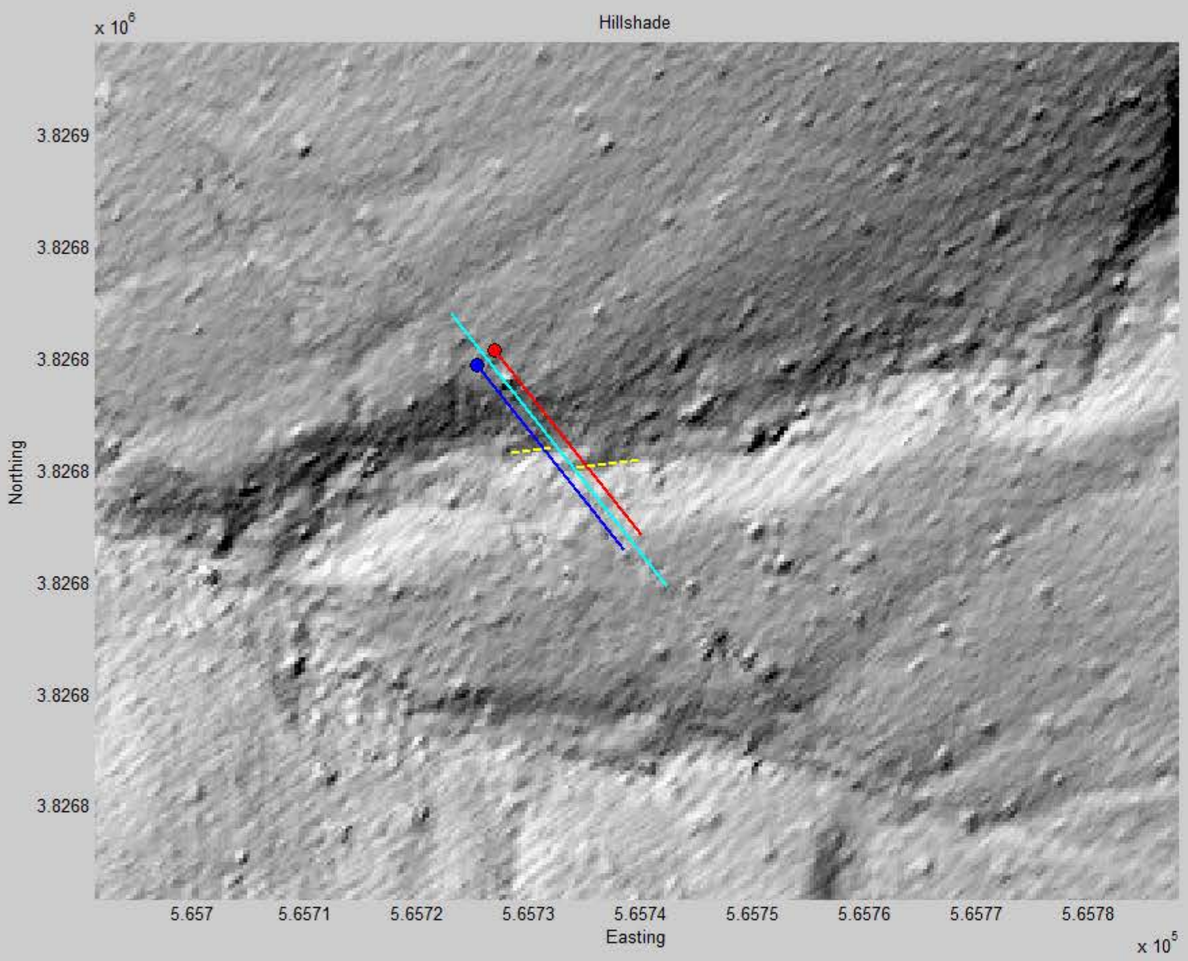
Comment:

Figures

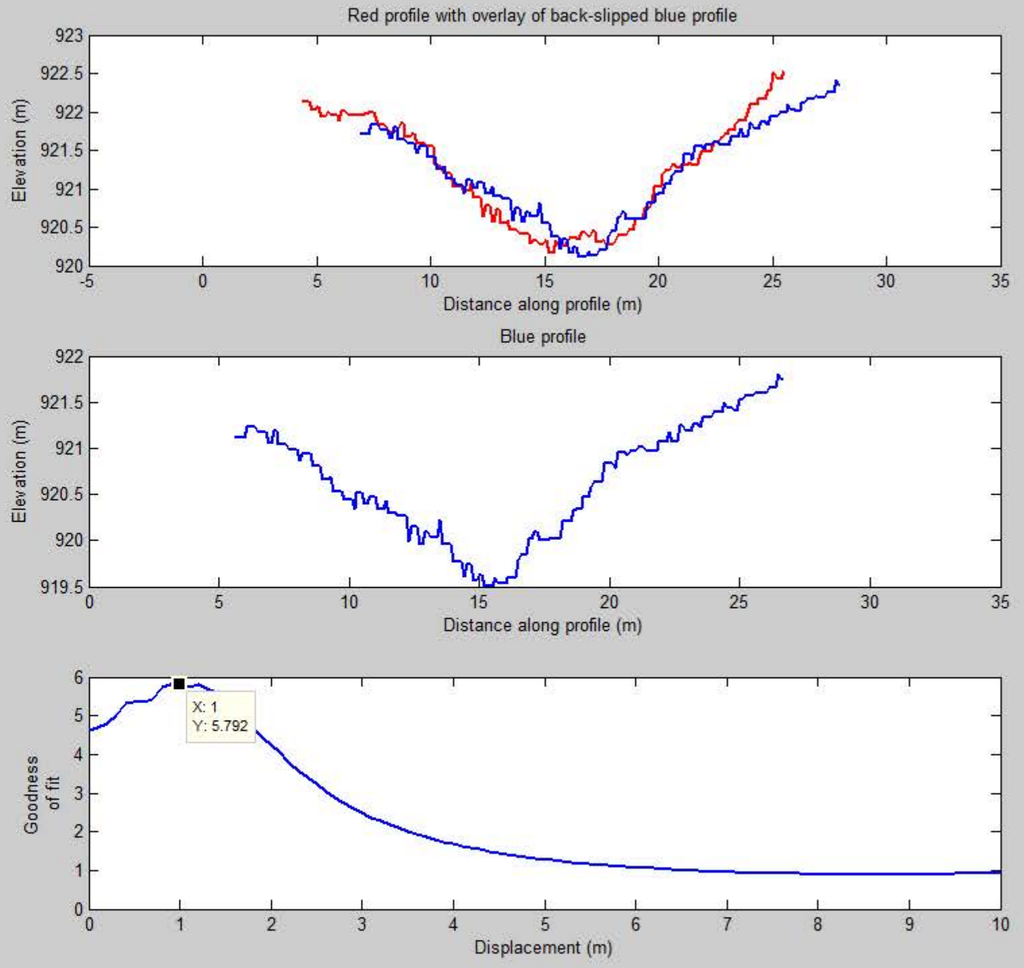
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

13

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct112.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 35
- Z-factor: 1

Contour plot:
- Min. Elevation: 901.738
- Max. Elevation: 976.998
- Contour: 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue: 0

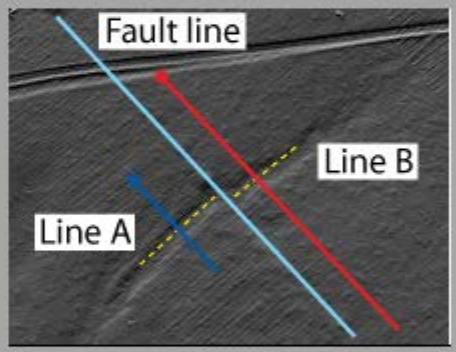
Cut off last Xm of blue profile: 2

Cut off first Xm of red profile: 4

Cut off last Xm of red profile: 0

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 2.6 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

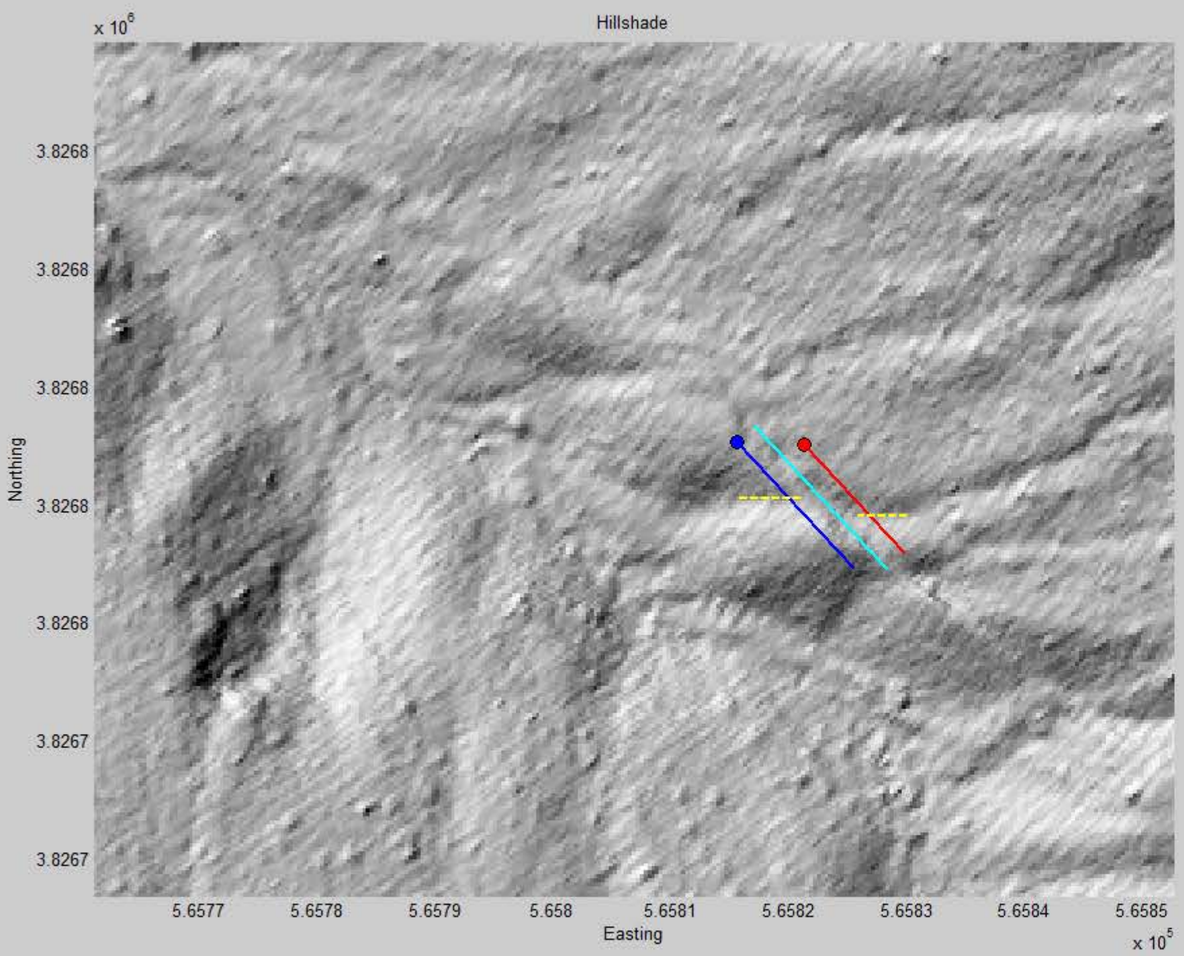
Maximum Slip: NaN

Figures

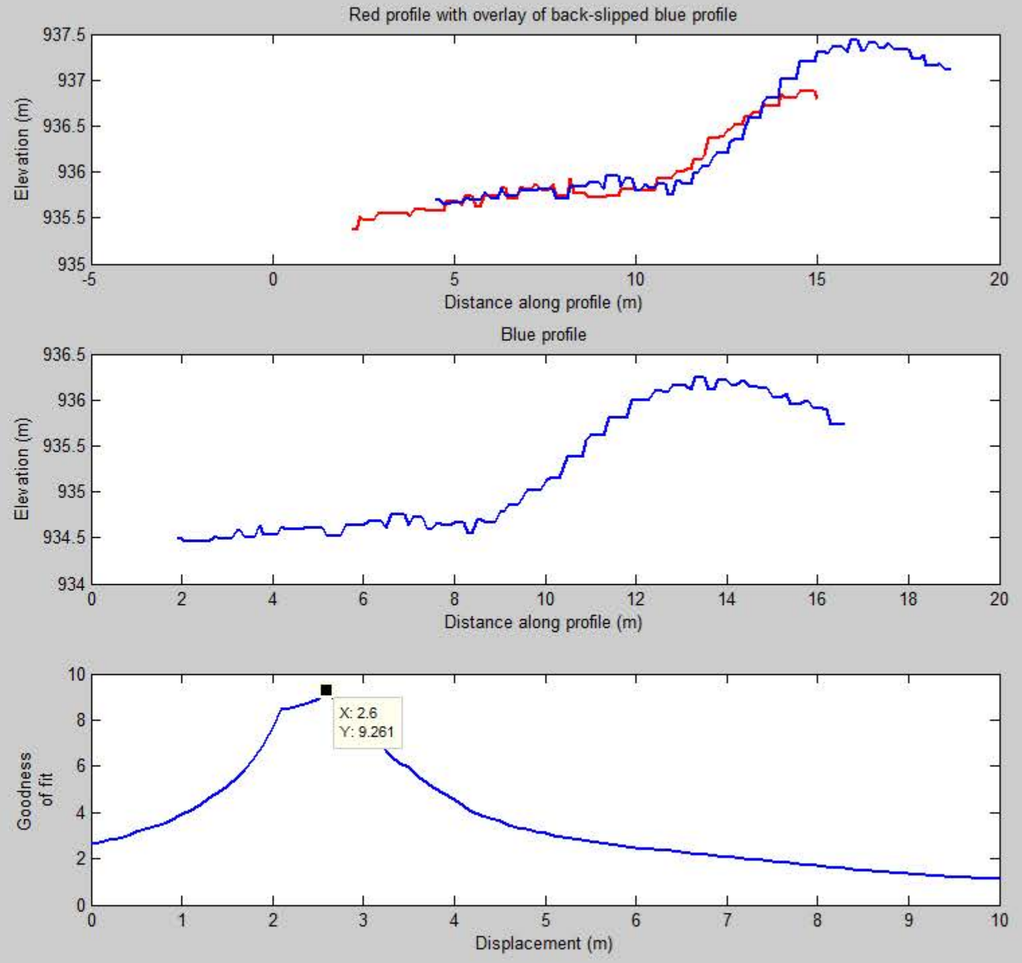
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

15

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct112.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 35

Z-factor: 1

Contour plot:

Min. Elevation 901.738

Max. Elevation 976.998

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

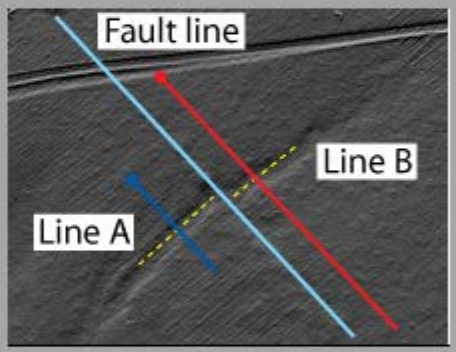
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 2.6 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

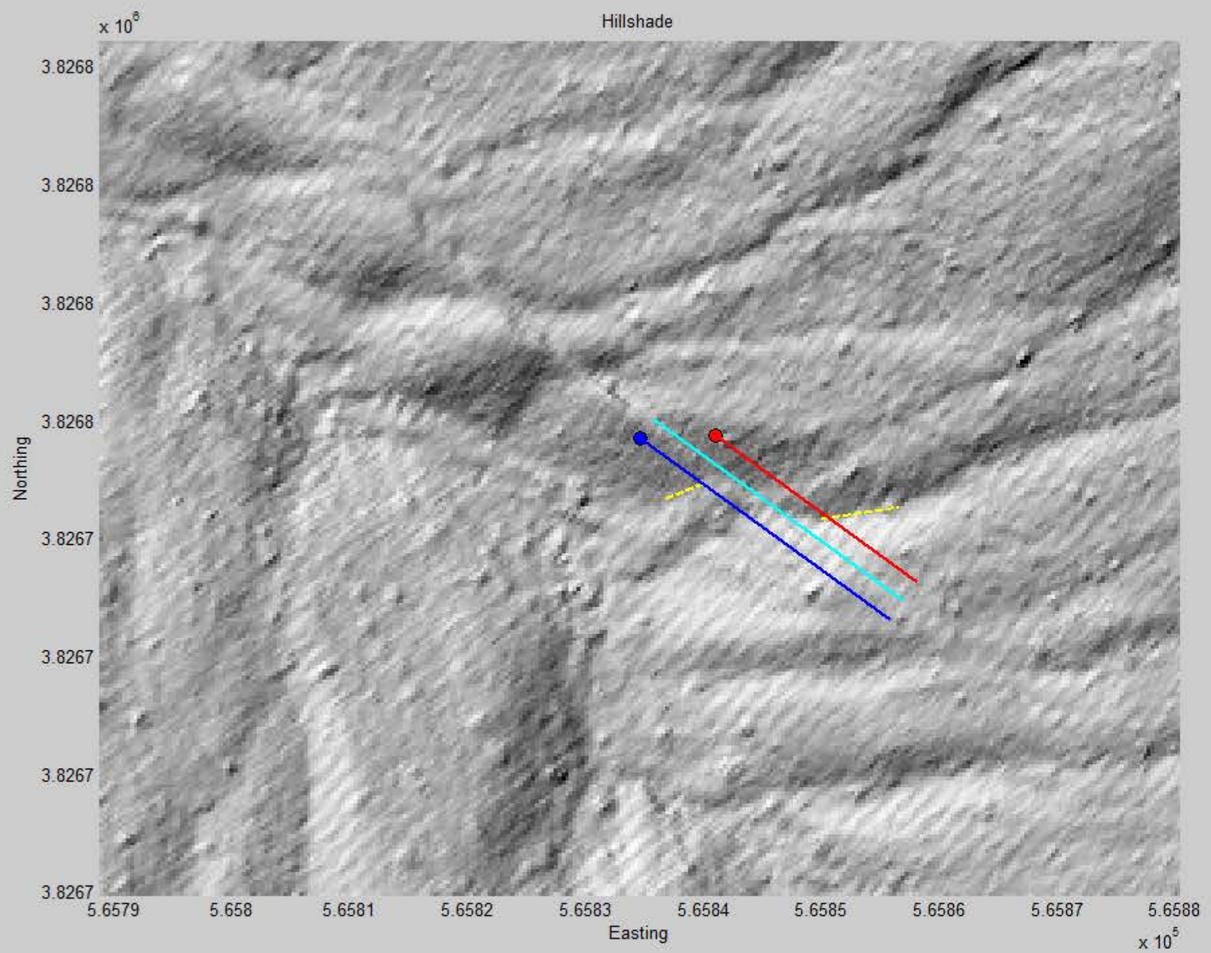
Maximum Slip: NaN

Figures

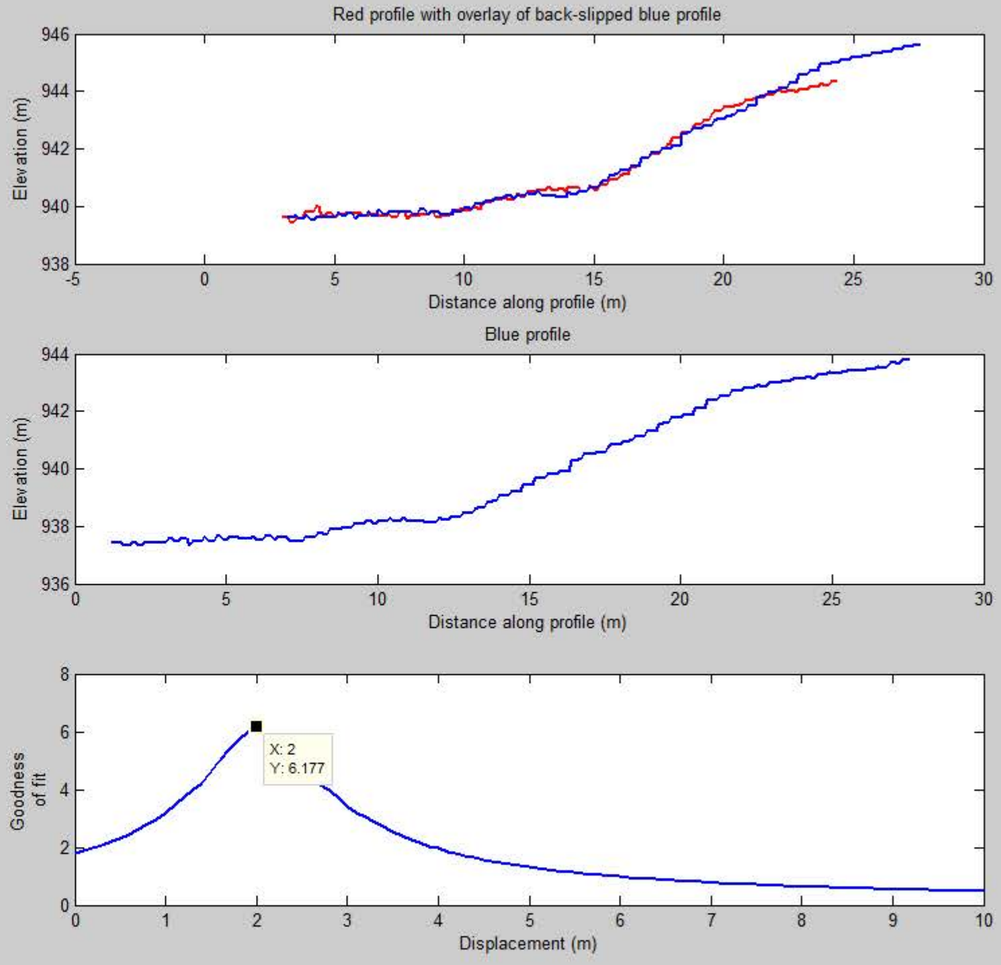
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

17

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct118119.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 135
- Zenith: 30
- Z-factor: 1

Contour plot:
- Min. Elevation: 931.866
- Max. Elevation: 983.042
- Contour: 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 4

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 4

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

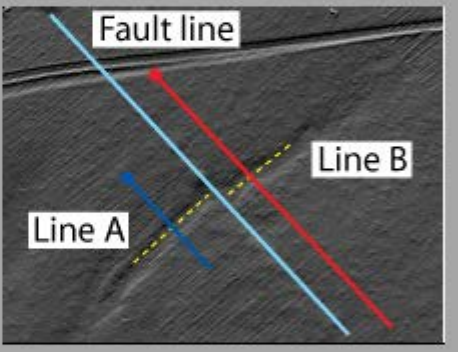
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

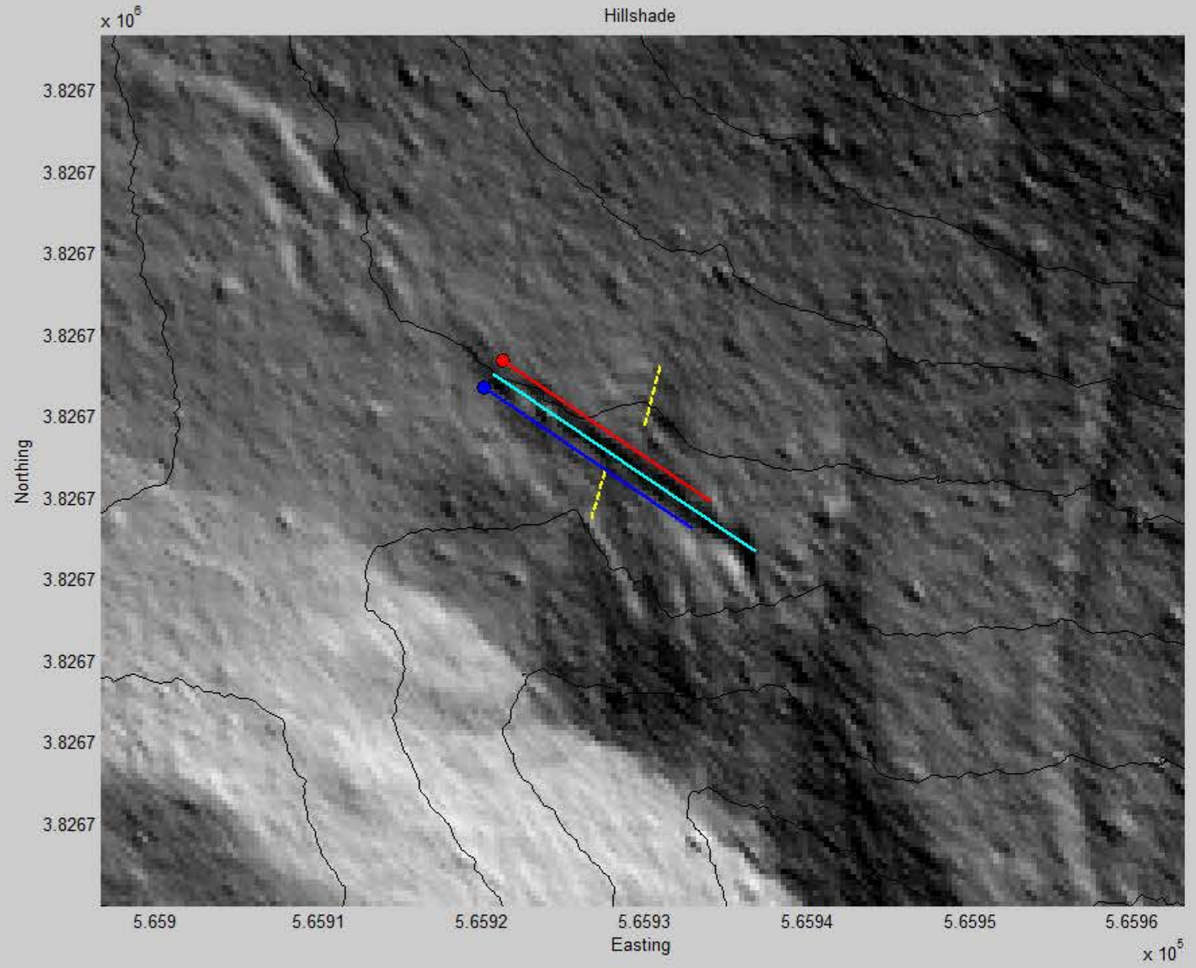
Maximum Slip: NaN

Figures

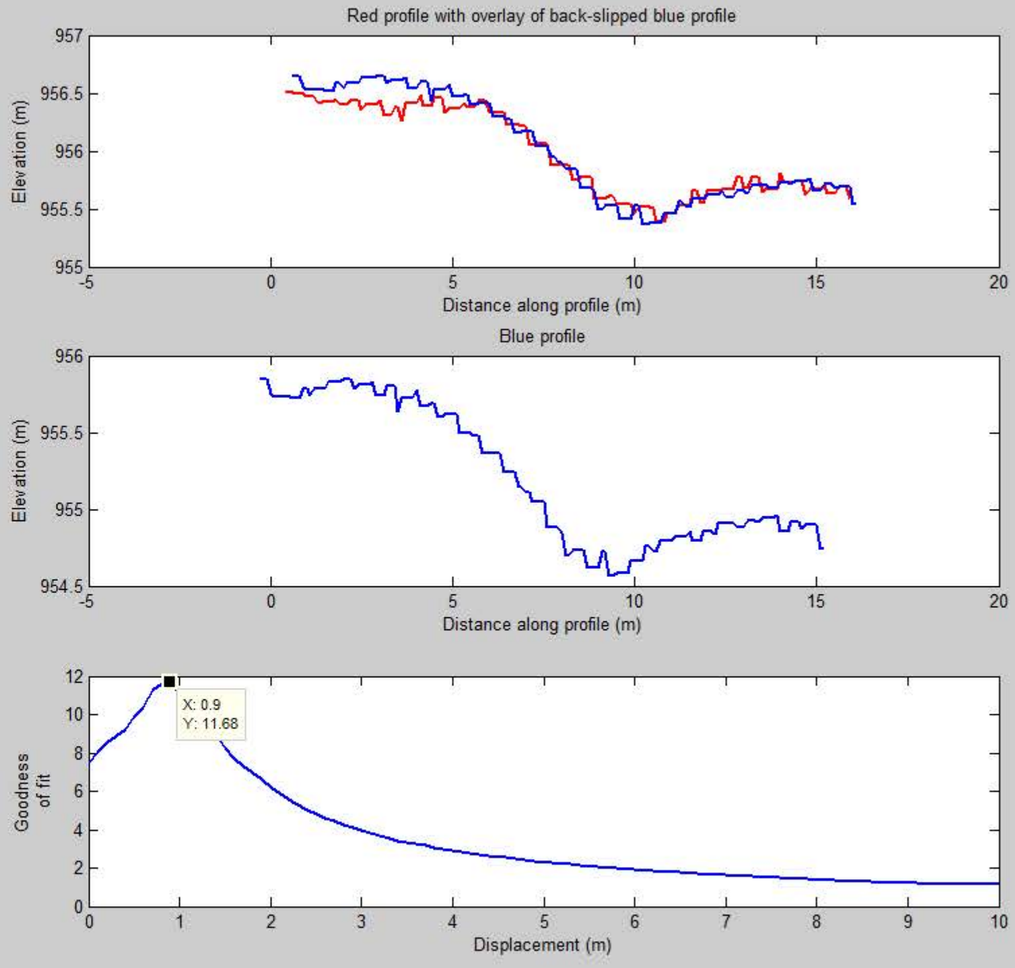
File Edit View Insert Tools Debug Desktop Window Help

Hillshade | Profiles

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

19

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct118119.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 135
- Zenith: 30
- Z-factor: 1

Contour plot:
- Min. Elevation: 931.866
- Max. Elevation: 983.042
- Contour: 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

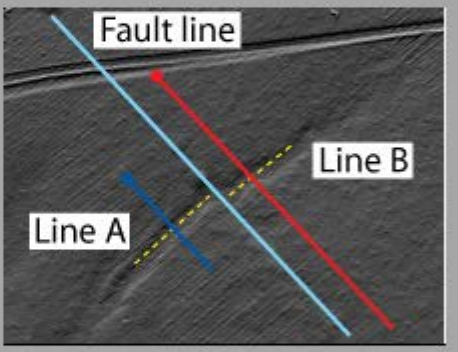
Adjust blue profile

Stretch factor range:	min	1
	increment	0.1
	max	1
Vertical back slip (m):	min	-3
	increment	0.1
	max	3
Horizontal back slip (m):	min	0
left-lateral	increment	0.1
	max	10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

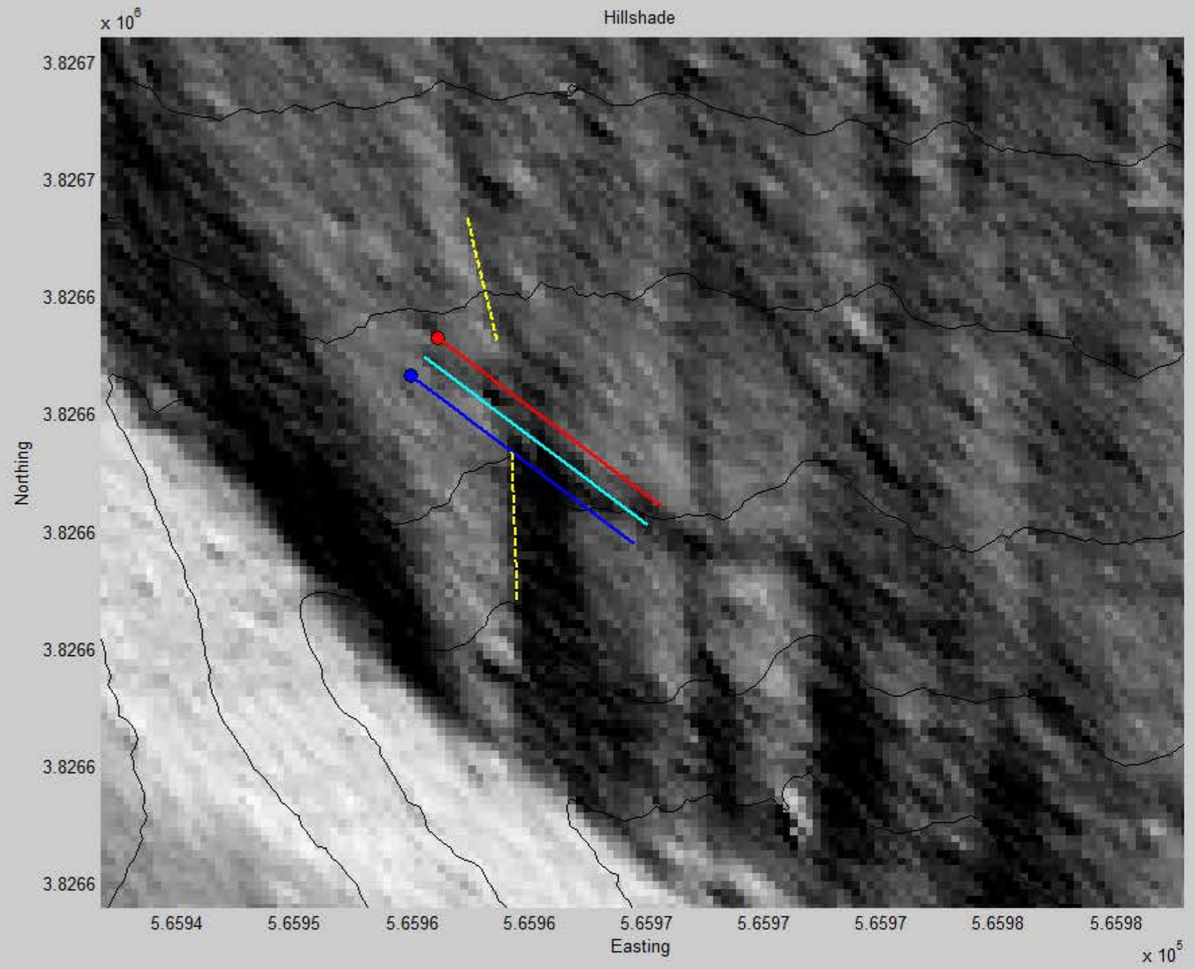
- Distance to Start Point: 0
- Offset Rating: high
- Optimal Slip: NaN
- Minimum Slip: NaN
- Maximum Slip: NaN

Figures

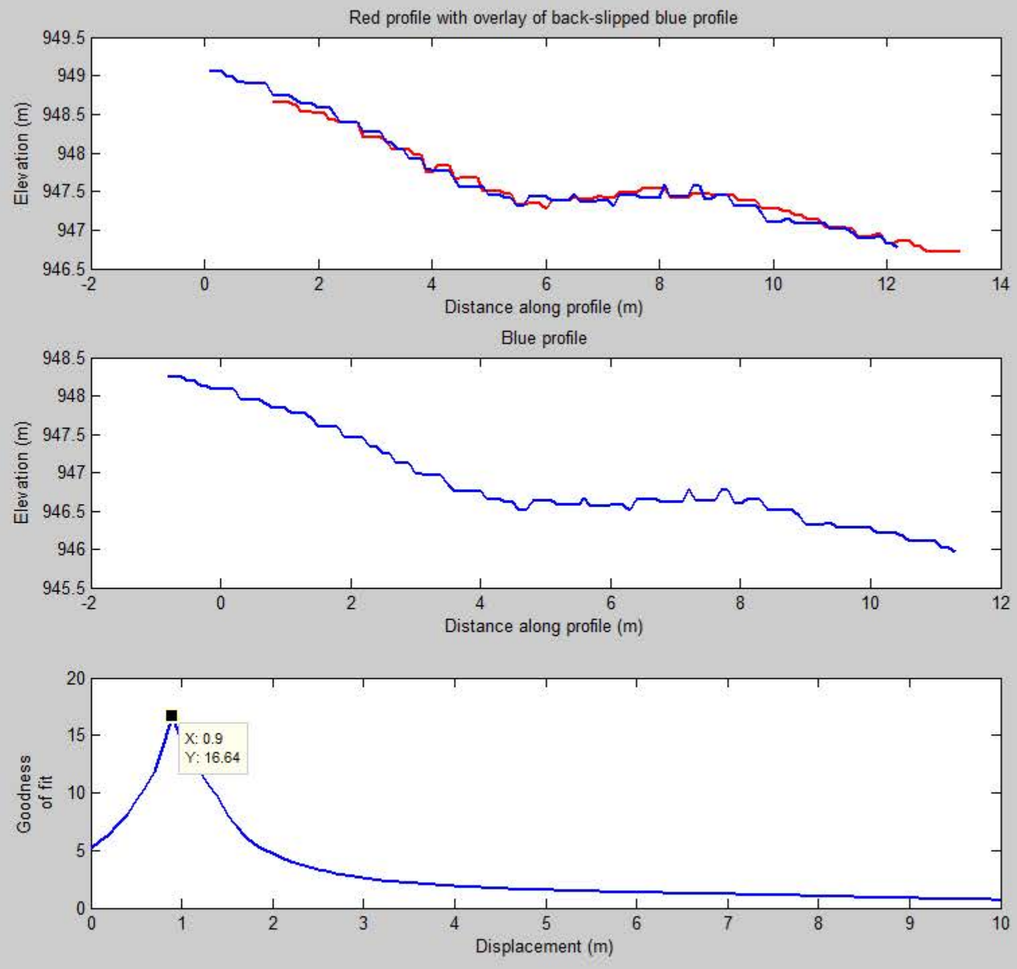
File Edit View Insert Tools Debug Desktop Window Help

Hillshade × Profiles ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

21

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct123134.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 35
- Z-factor: 1

Contour plot:
- Min. Elevation: 906.61
- Max. Elevation: 1055.74
- Contour: 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue: 1

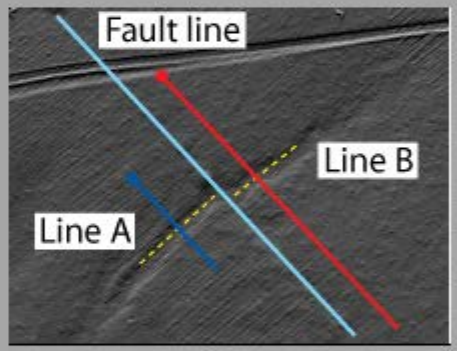
Cut off last Xm of blue profile: 2

Cut off first Xm of red profile: 3

Cut off last Xm of red profile: 1

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise / Counter-Clock-Wise 0 deg.

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

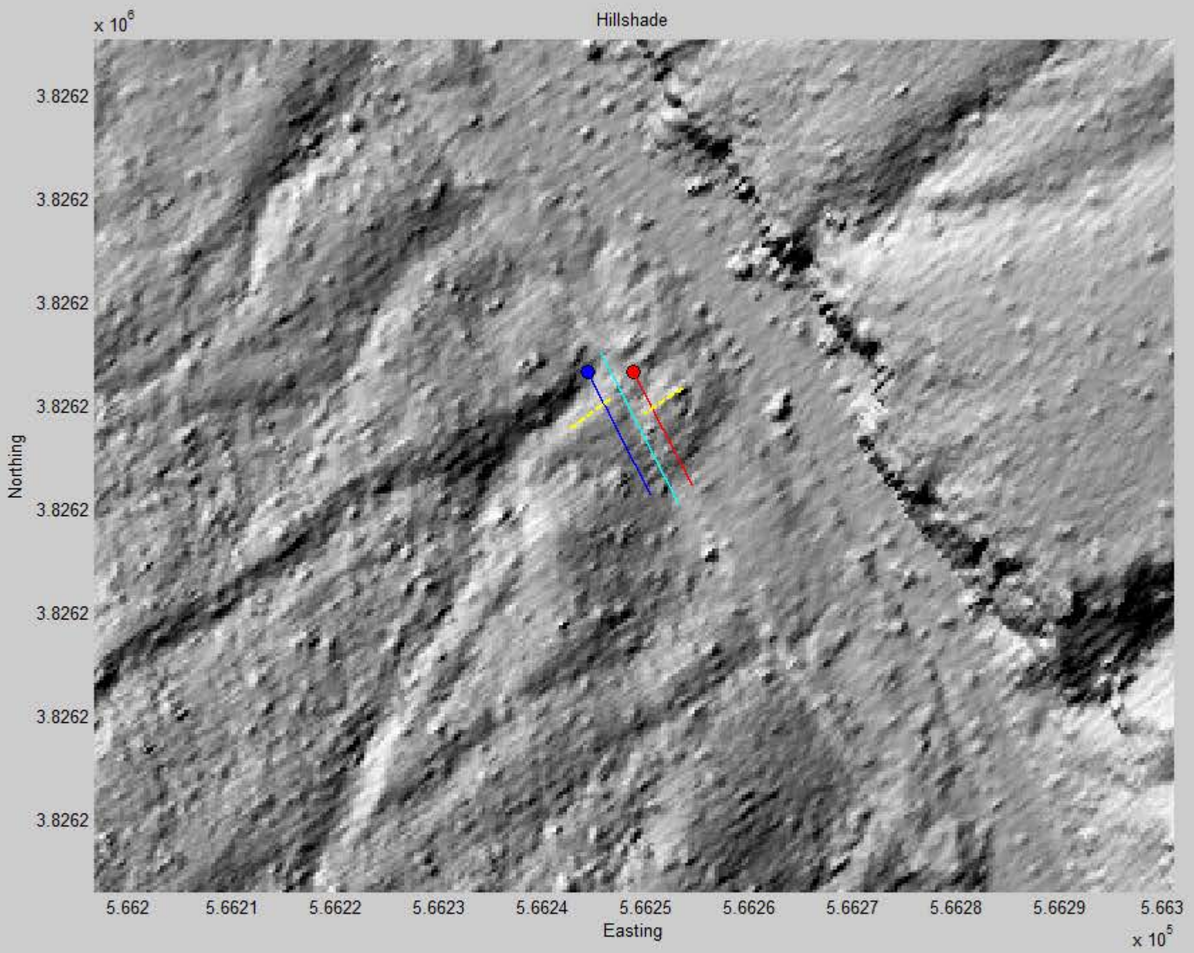
Maximum Slip: NaN

Figures

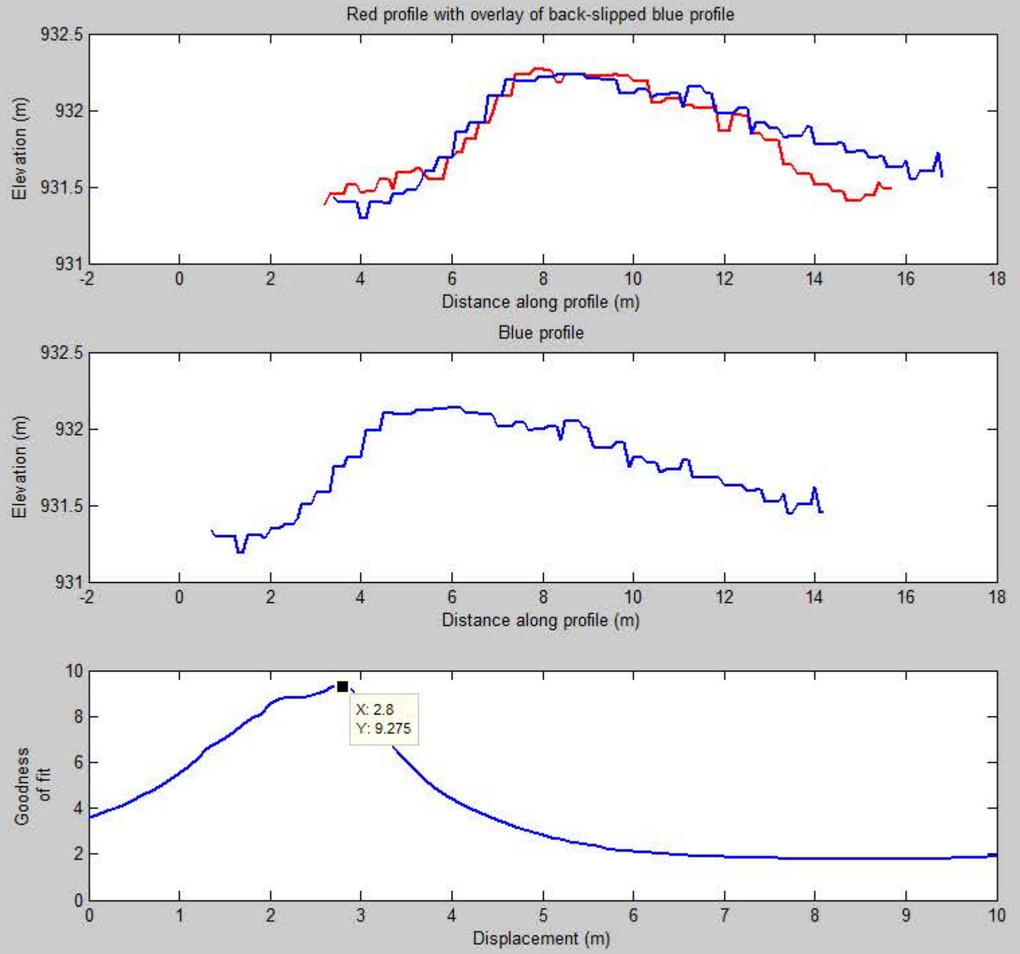
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

23

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct123134.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade pl...

Azimuth: 225

Zenith: 35

Z-factor: 1

Contour plot:

Min. Elevation 906.61

Max. Elevation 1055.74

Contour 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue 5

Cut off last Xm of blue profile: 5

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 5

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -3

increment 0.1

max 3

Horizontal back slip (m): min 0

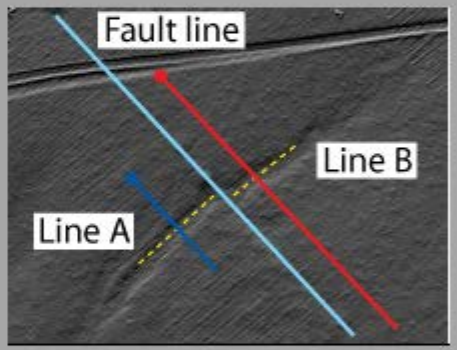
left-lateral | increment 0.1

max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left Right

Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 0 | 4.) Backslip Model

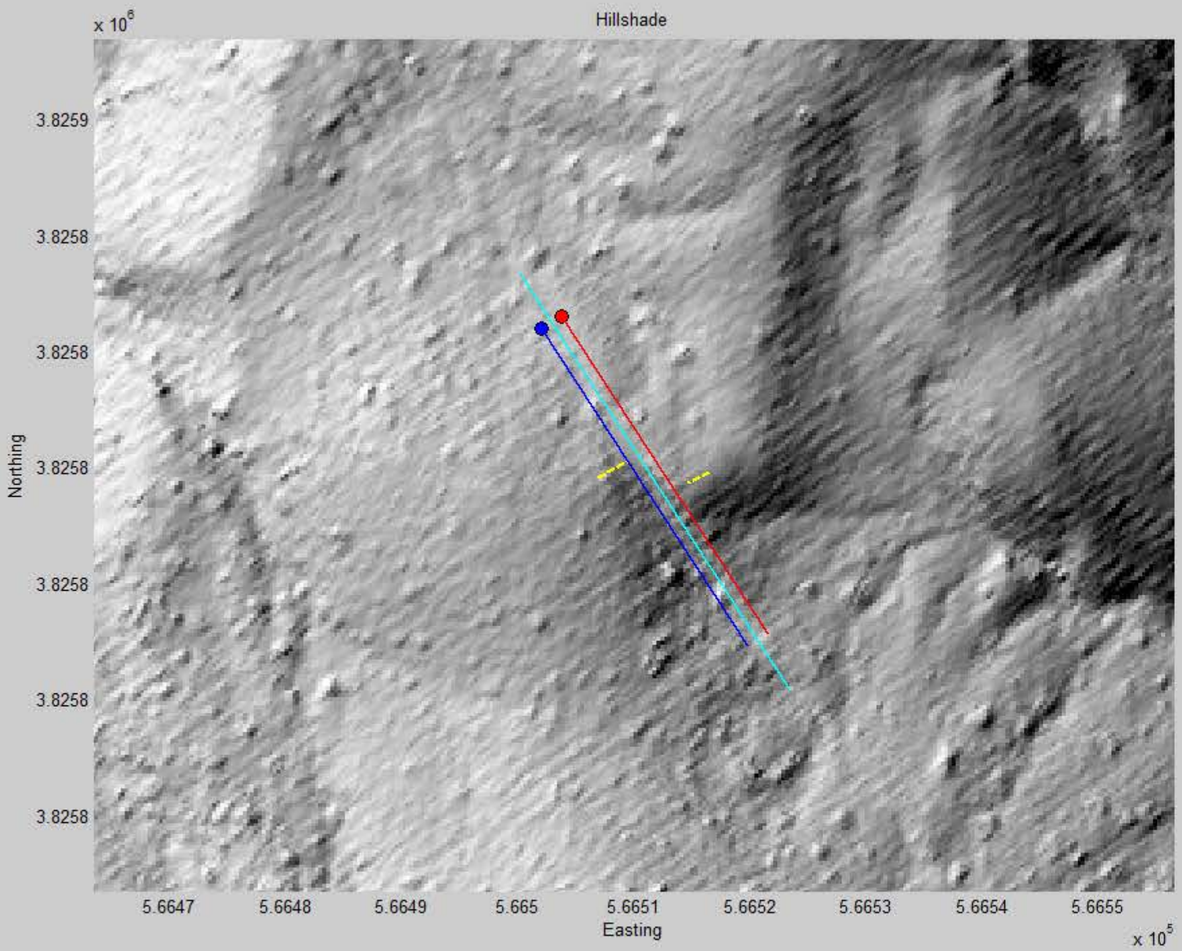
UTM zone: 11 N Name: | 5.) Save All

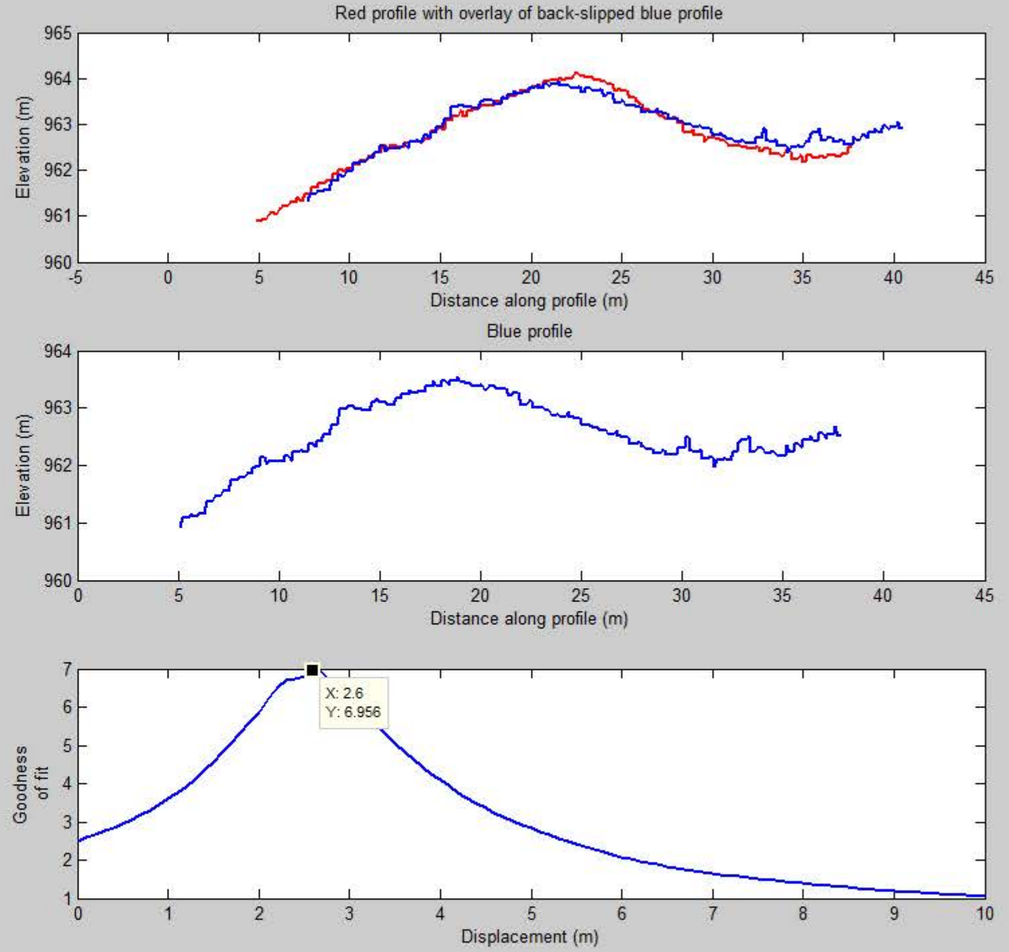
Comment:

Figures

File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×





Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

25

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_RCN12.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 135
- Zenith: 20
- Z-factor: 1

Contour plot:
- Min. Elevation: 964.751
- Max. Elevation: 982.087
- Contour: 50

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue: 0

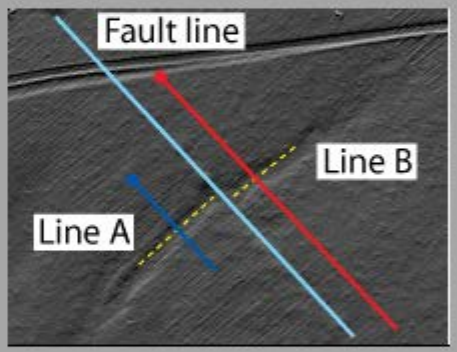
Cut off last Xm of blue profile: 5

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 5

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -4 | increment 0.1 | max 4

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 8181

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise / Counter-Clock-Wise, 0 deg.

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

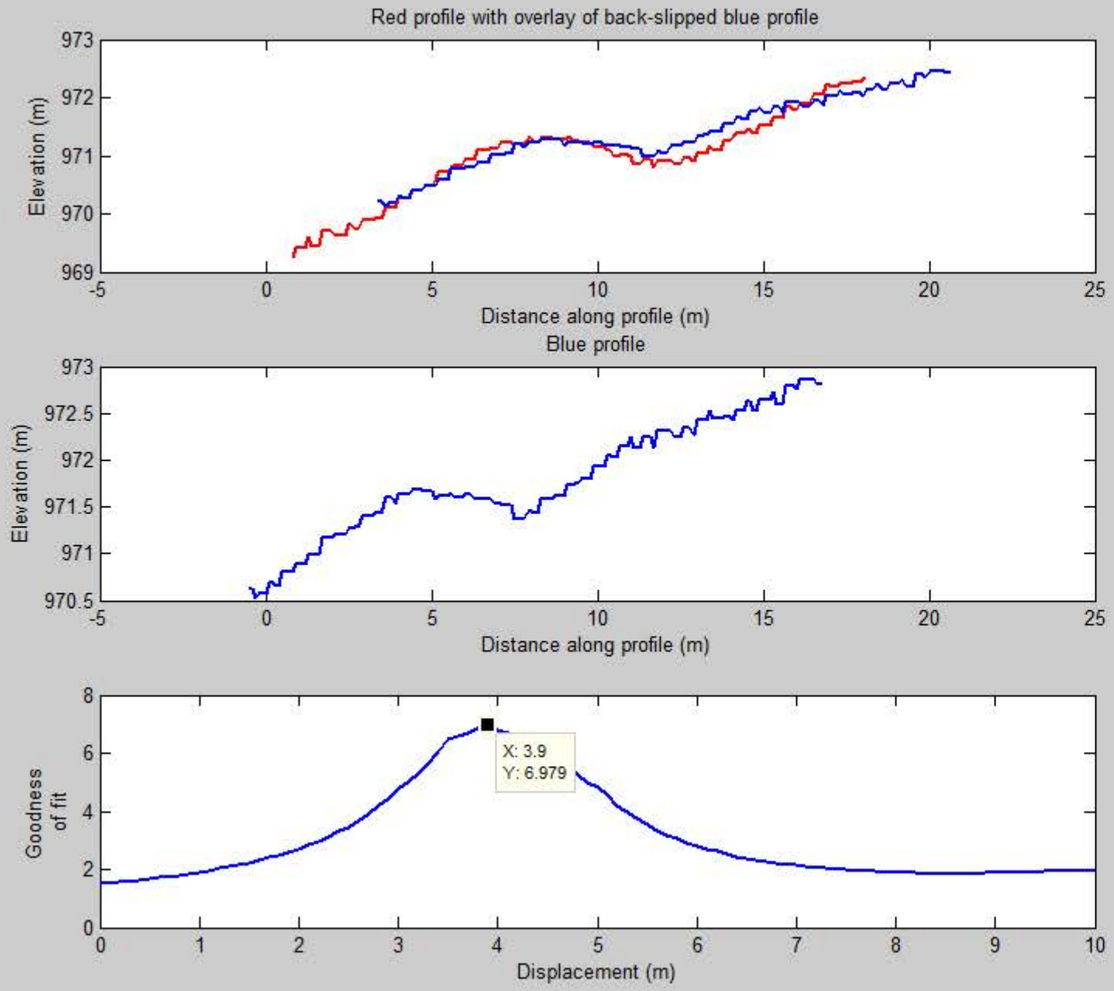
Distance to Start Point: 0

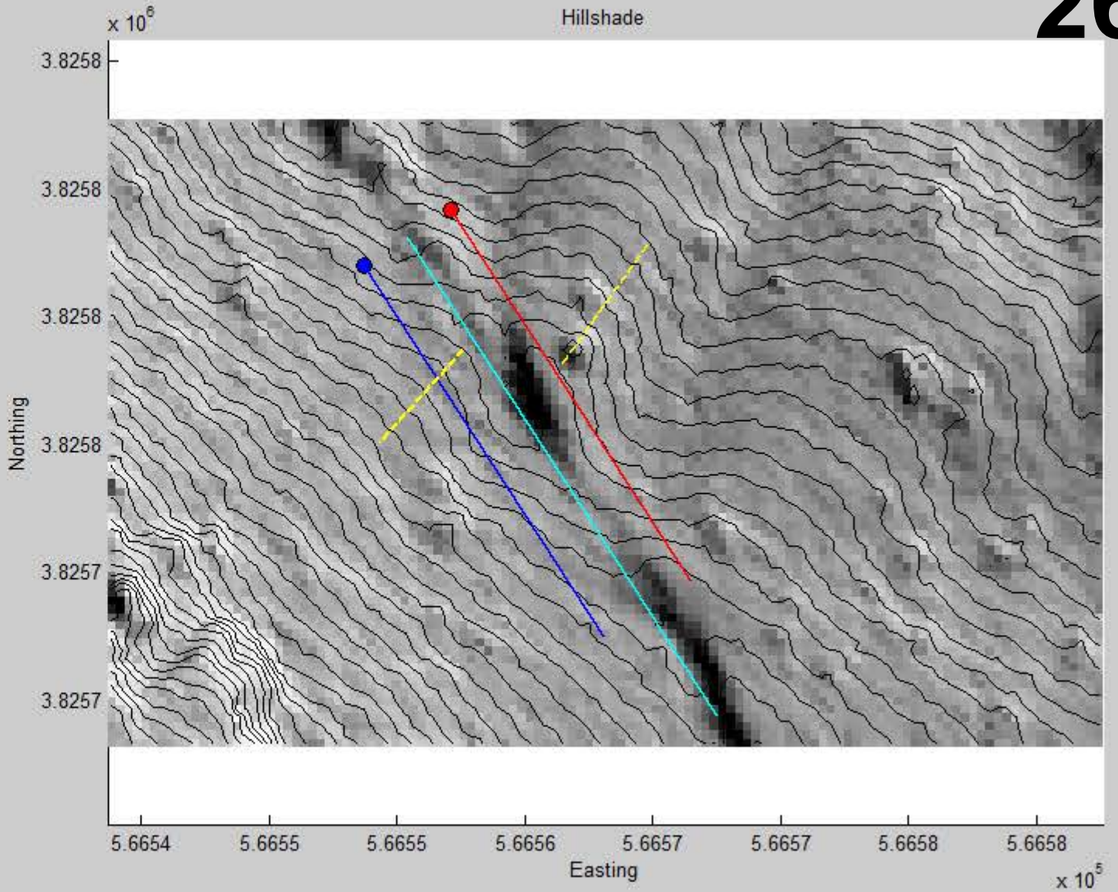
Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN


Red profile with overlay of back-slipped blue profile
Elevation (m)
Distance along profile (m)
Blue profile
Elevation (m)
Distance along profile (m)
Goodness of fit
X: 3.9
Y: 6.979
Displacement (m)


Hillshade
x 10^6
Northing
Easting
x 10^5

LaDiCaoz

About

27

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct123134.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 35
- Z-factor: 1

Contour plot:
- Min. Elevation: 906.61
- Max. Elevation: 1055.74
- Contour: 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

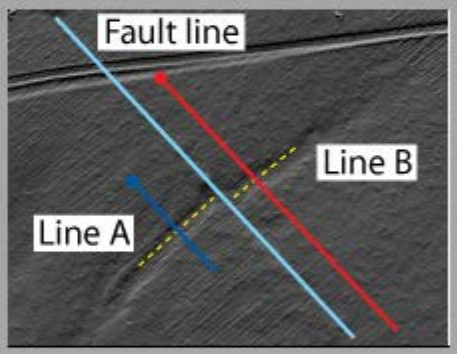
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

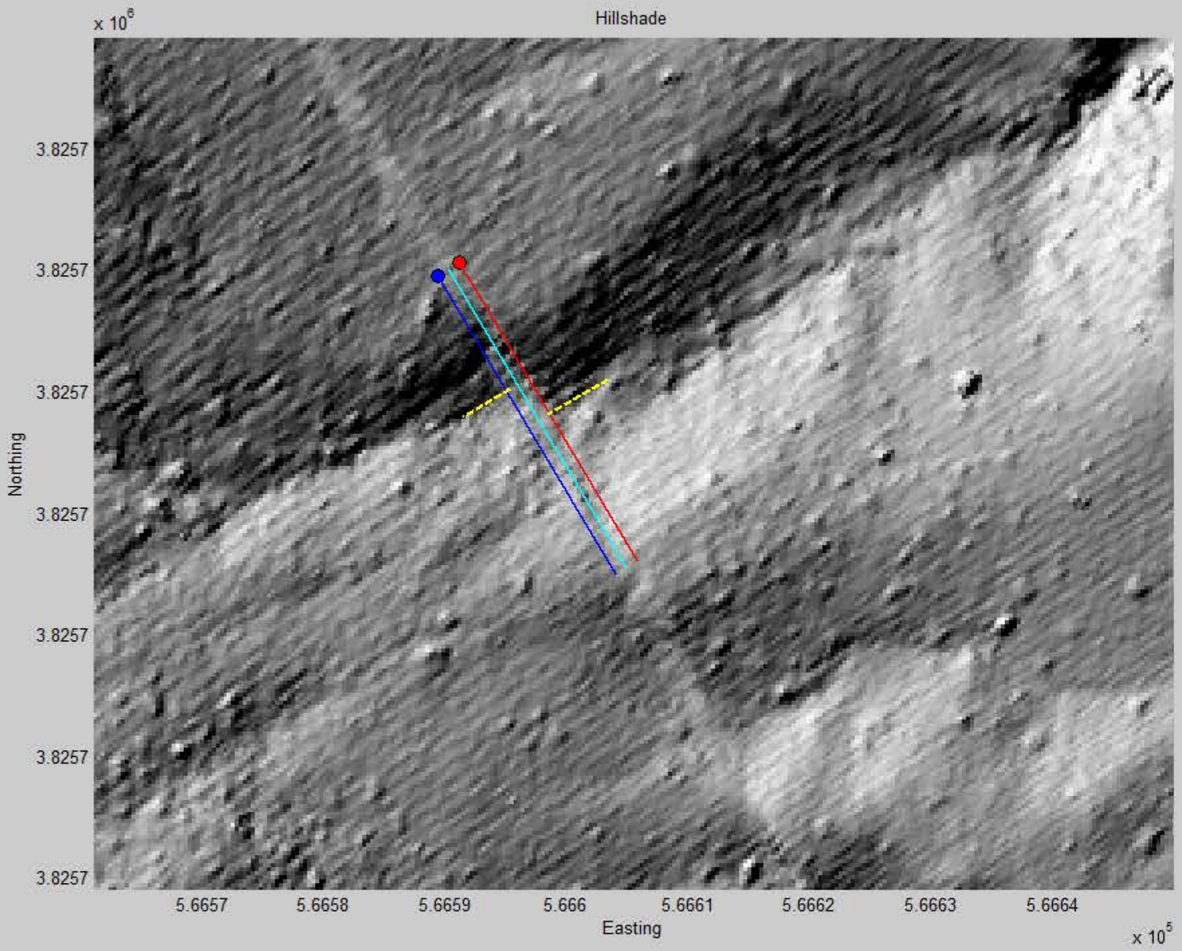
Maximum Slip: NaN

Figures

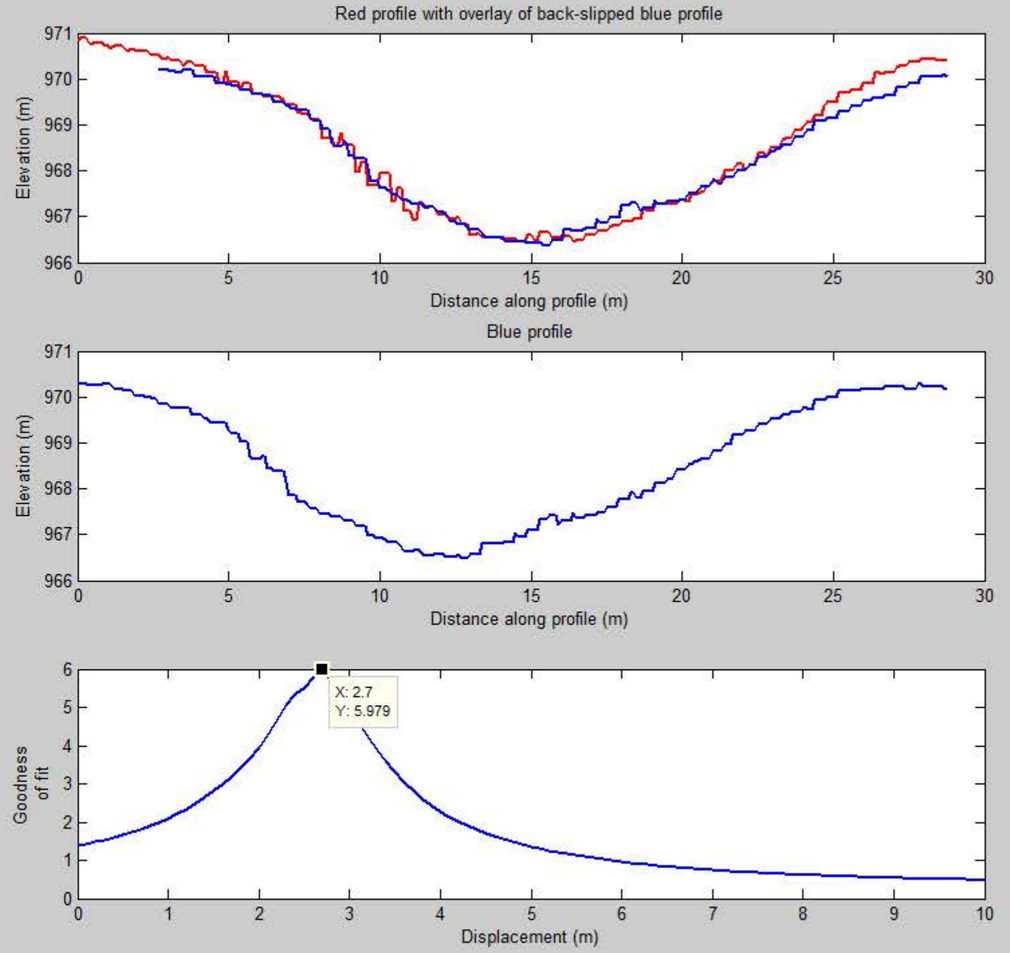
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

29

Moving average (box-car) over 0 grid points

0.5) Load Previous run

Input file name: clip_ct123134.bil .asc (ARC grid)

1.) Load DEM file

Hillshade plot:

Azimuth: 225

Zenith: 35

Z-factor: 1

Contour plot:

Min. Elevation 906.61

Max. Elevation 1055.74

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -3

increment 0.1

max 3

Horizontal back slip (m): min 0

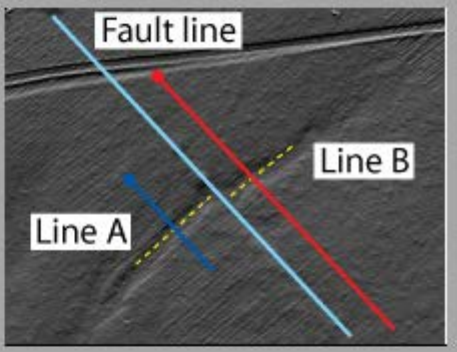
left-lateral increment 0.1

max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left Right

Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 0

4.) Backslip Model

UTM zone: 11 N Name:

5.) Save All

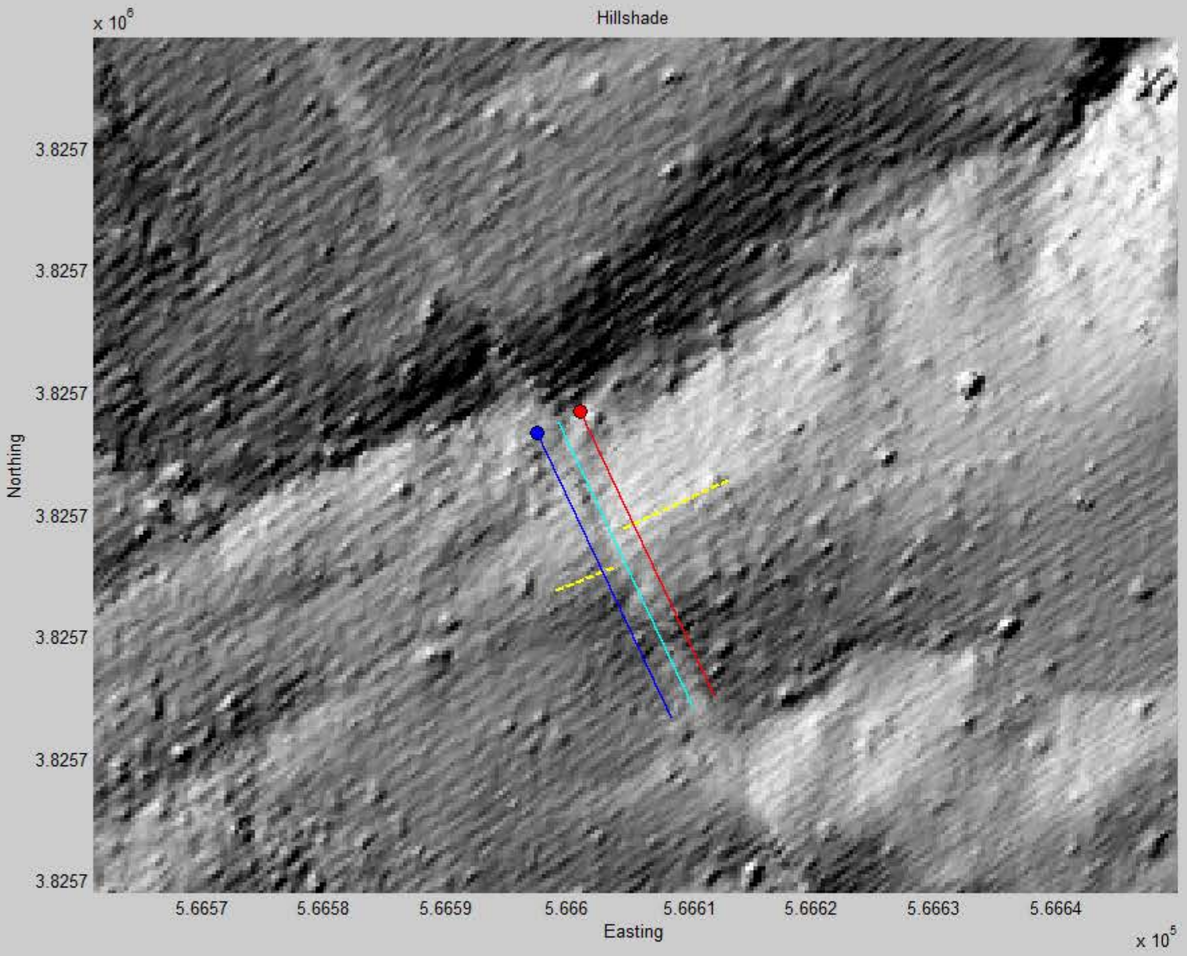
Comment:

Figures

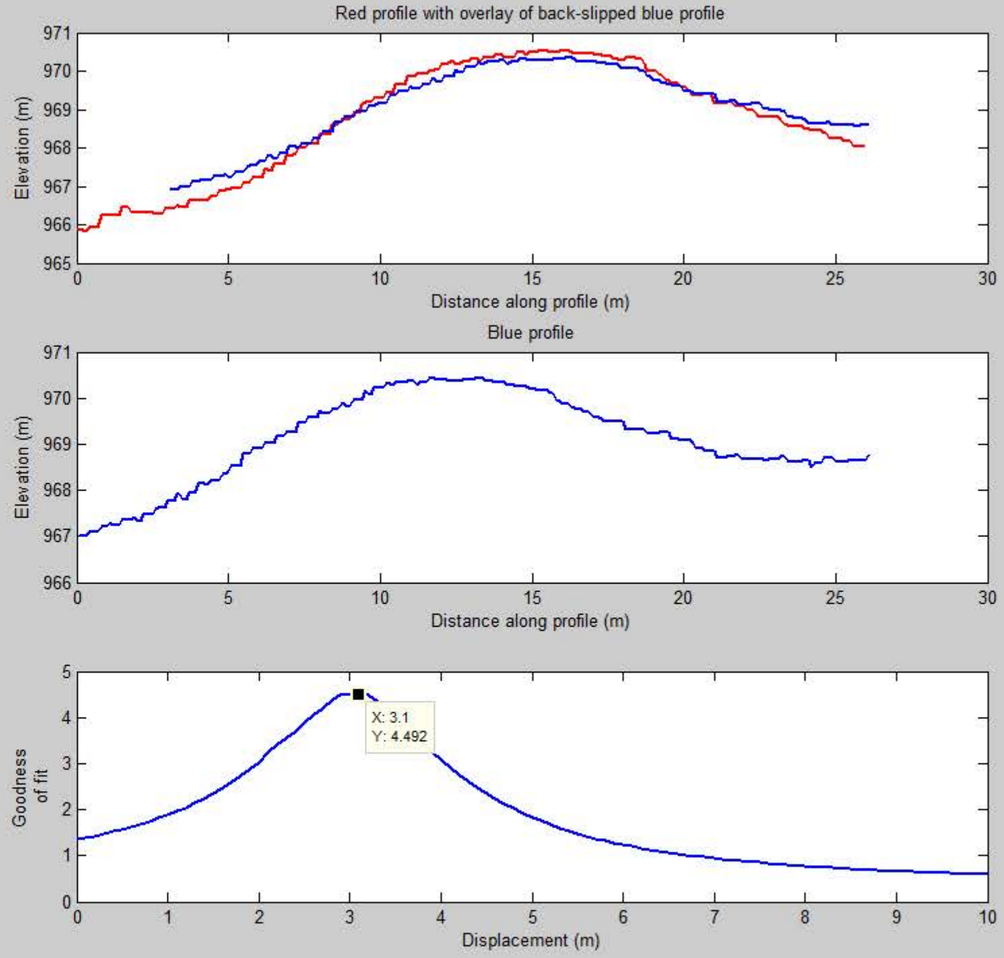
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

31

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_CT123134.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 135
- Zenith: 20
- Z-factor: 1

Contour plot:
- Min. Elevation: 906.61
- Max. Elevation: 1055.74
- Contour: 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1.5

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 10

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 10

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

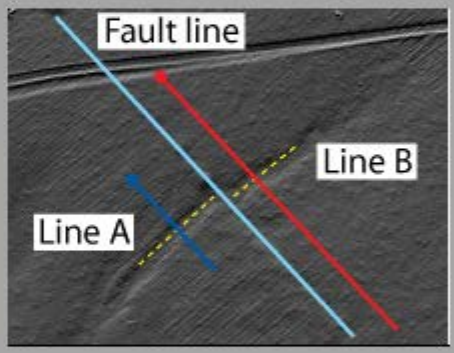
Vertical back slip (m): min -5 | increment 0.1 | max 5

Horizontal back slip (m): min 0 | left-lateral | increment 0.1 | max 10

Number of iterations: 10201

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

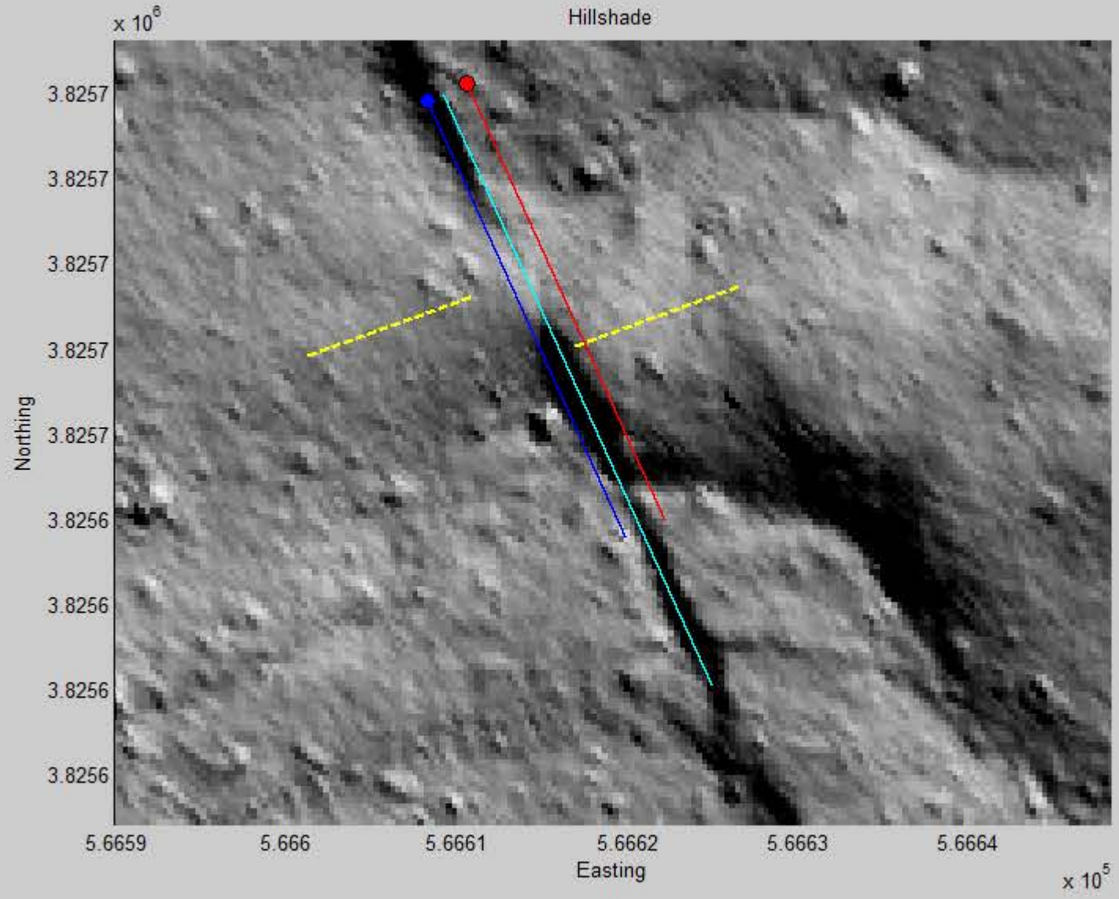
Offset Rating: high

Optimal Slip: NaN

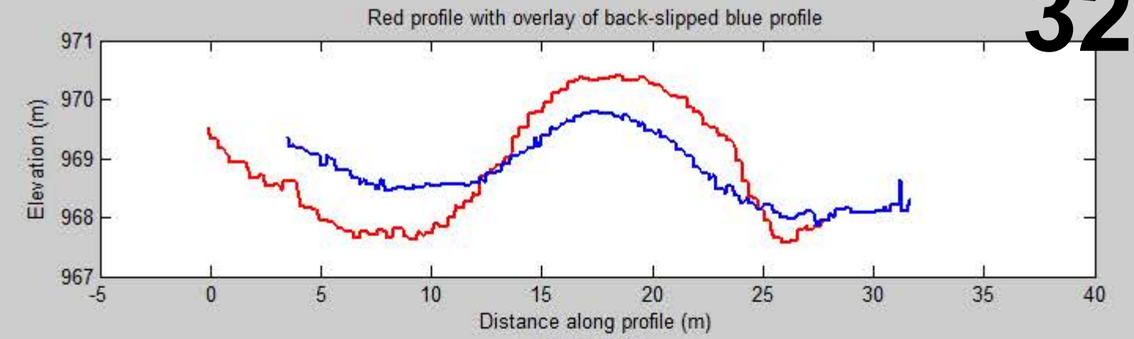
Minimum Slip: NaN

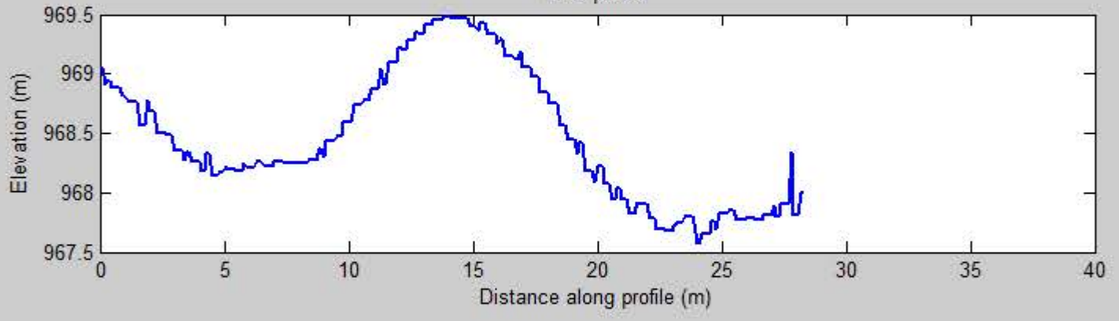
Maximum Slip: NaN

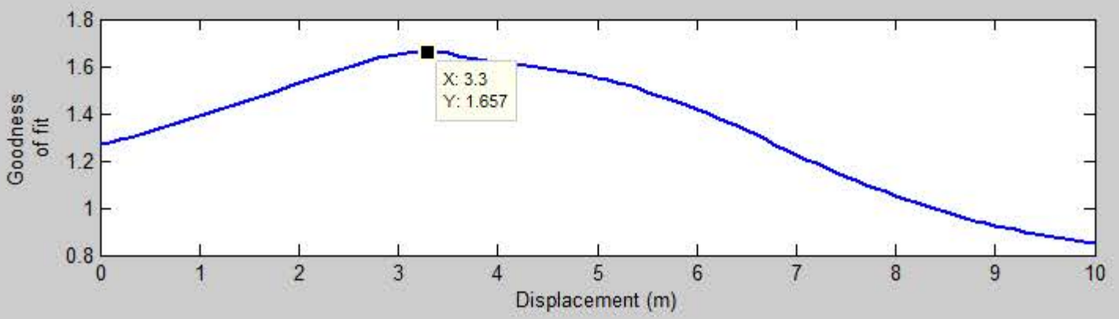
Hillshade



Profiles







LaDiCaoz

About

33

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_RCN21a.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 25

Z-factor: 1

Contour plot:

Min. Elevation 938.202

Max. Elevation 999.752

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 5

Cut off last Xm of blue profile: 3

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 3

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

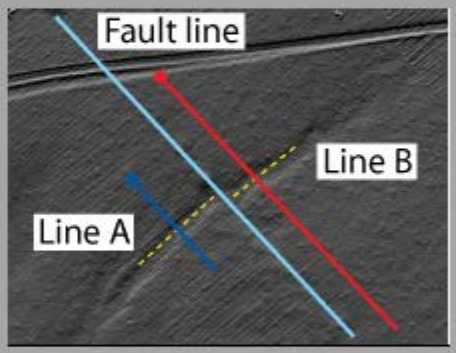
Vertical back slip (m): min -3 | increment 0.1 | max 3

Horizontal back slip (m): min 0 | left-lateral | increment 0.1 | max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

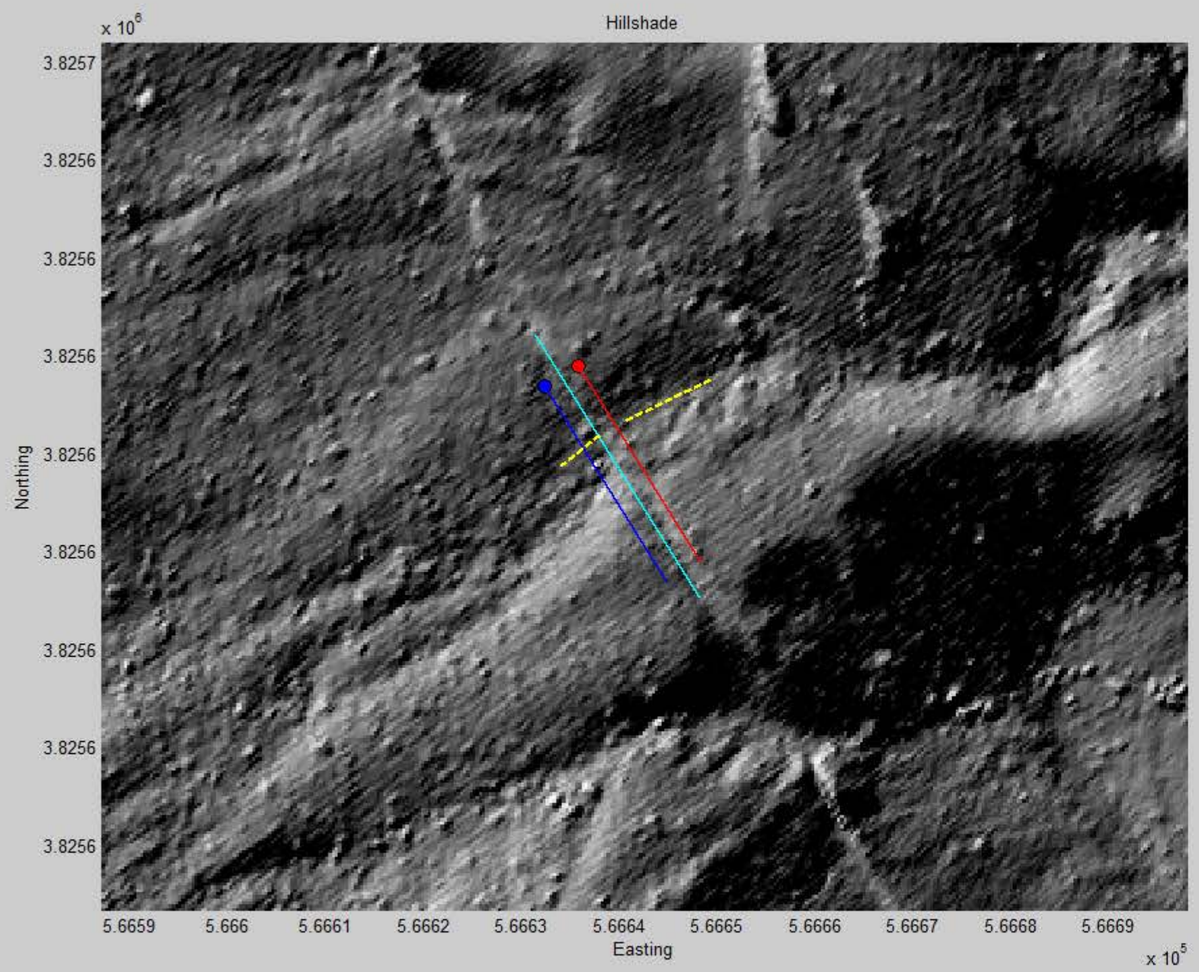
Comment:

Figures

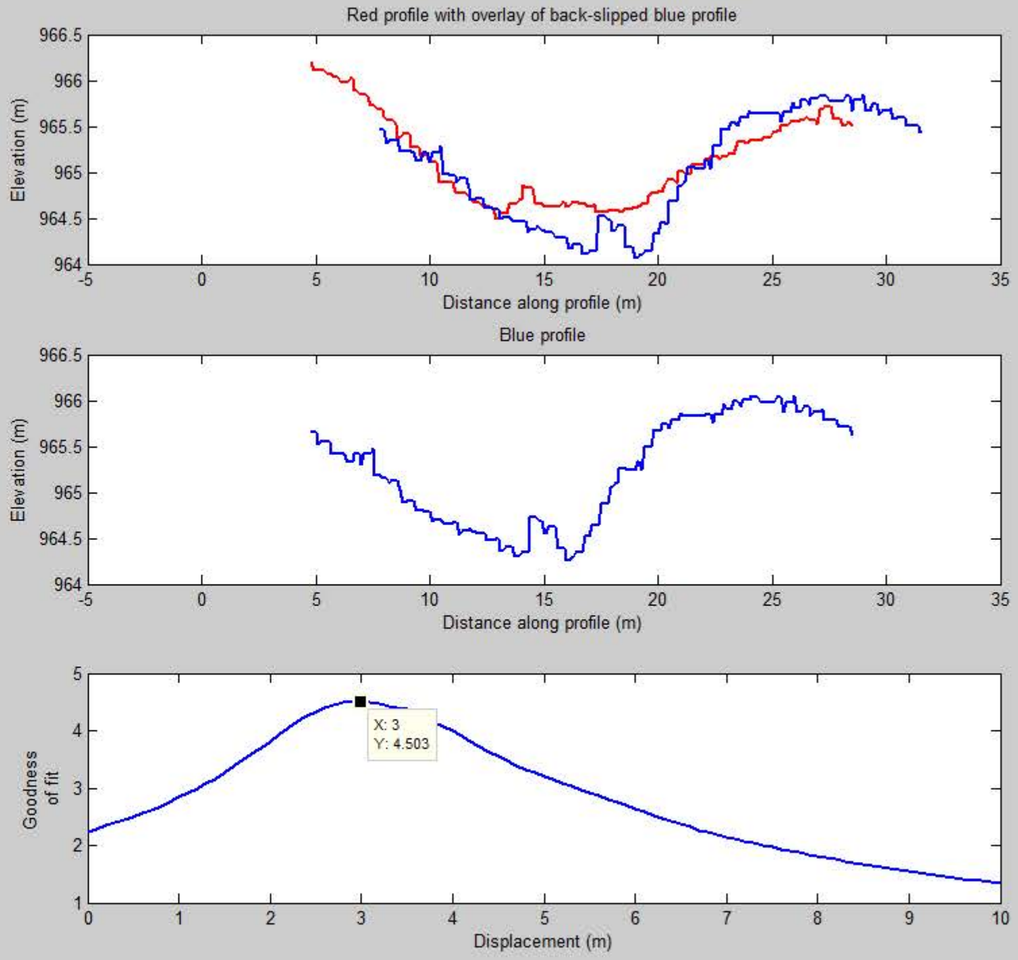
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

35

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_rcn33.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 35
- Z-factor: 1

Contour plot:
- Min. Elevation 946.458
- Max. Elevation 973.453
- Contour 20

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue 0

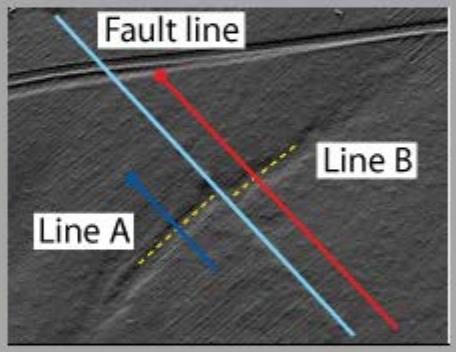
Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

1.5) Plot DEM

2.) Define Fault Line



Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -1 | increment 0.1 | max 1

Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 2121

Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

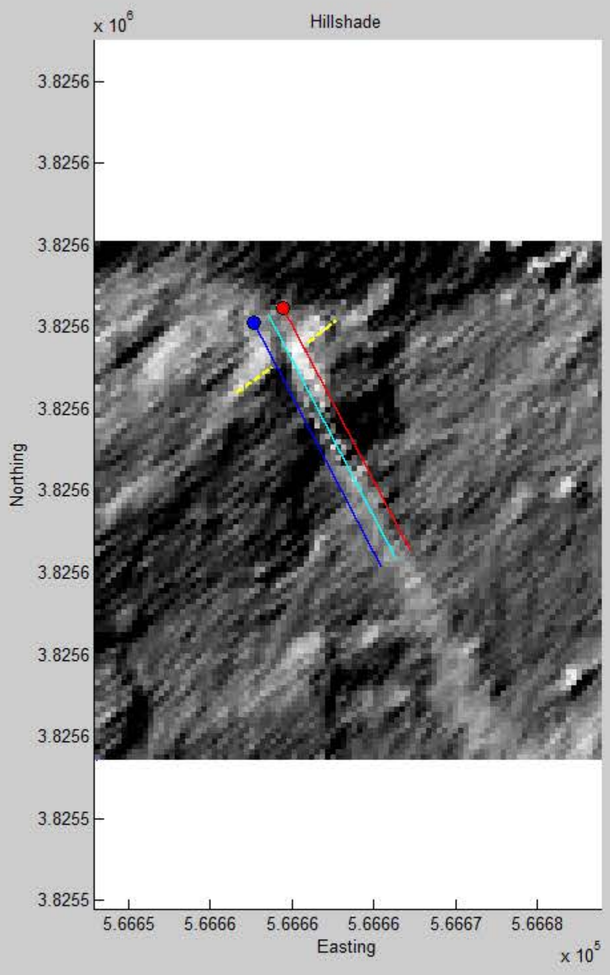
Maximum Slip: NaN

Figures

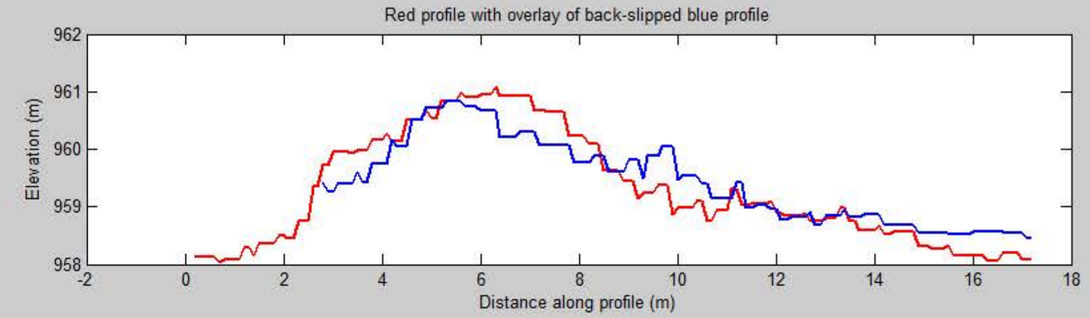
File Edit View Insert Tools Debug Desktop Window Help

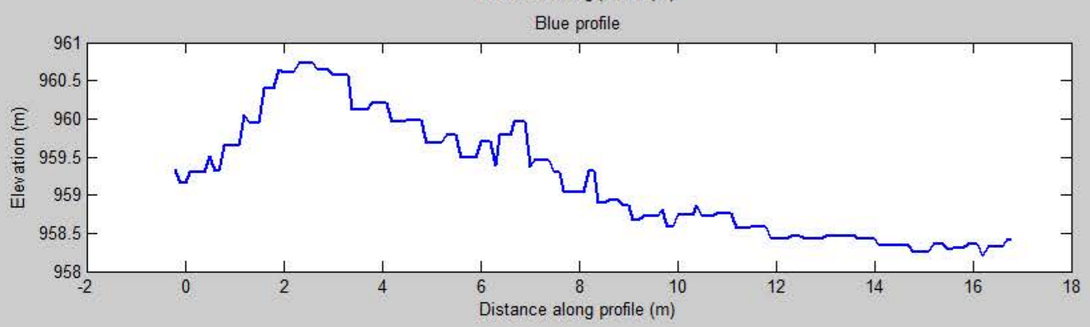
Profiles × Hillshade ×

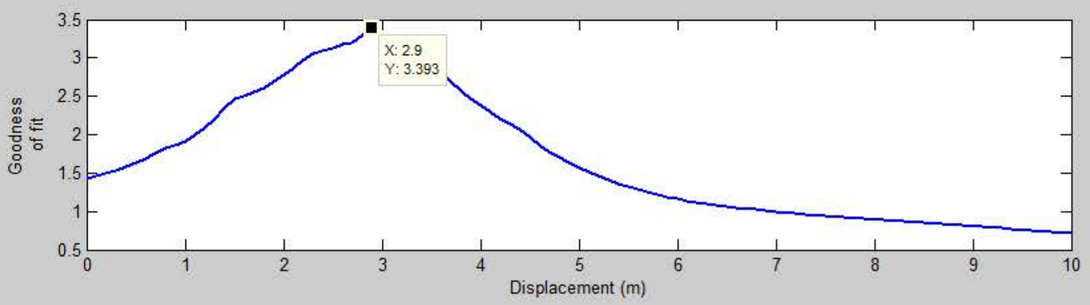
Hillshade



Profiles







Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap:

Export Setup...

Figure Color:

Click and drag to move Profiles...

LaDiCaoz

About

37

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct160s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 30

Z-factor: 1

Contour plot:

Min. Elevation 1003.09

Max. Elevation 1265.69

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -3

increment 0.1

max 3

Horizontal back slip (m): min 0

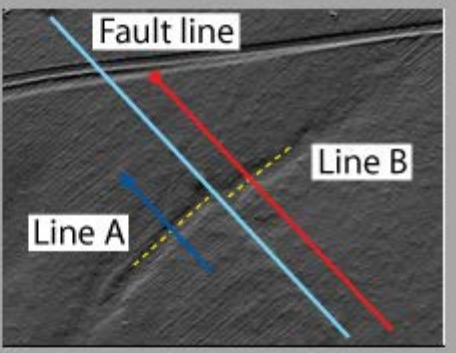
left-lateral | increment 0.1

max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left Right

Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimal Slip: NaN

Maximum Slip: NaN

UTM zone: 11 N Name: | 5.) Save All

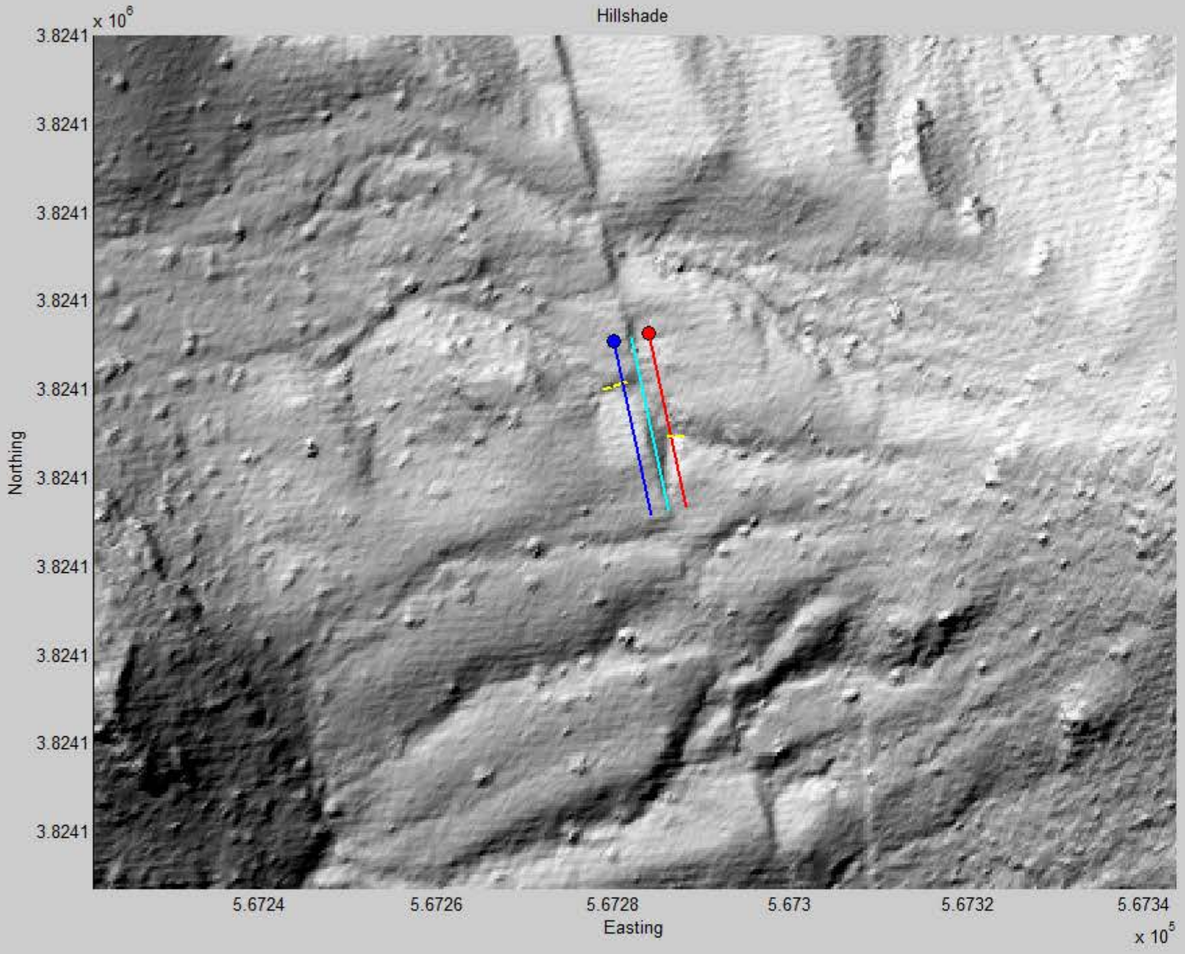
Comment:

Figures

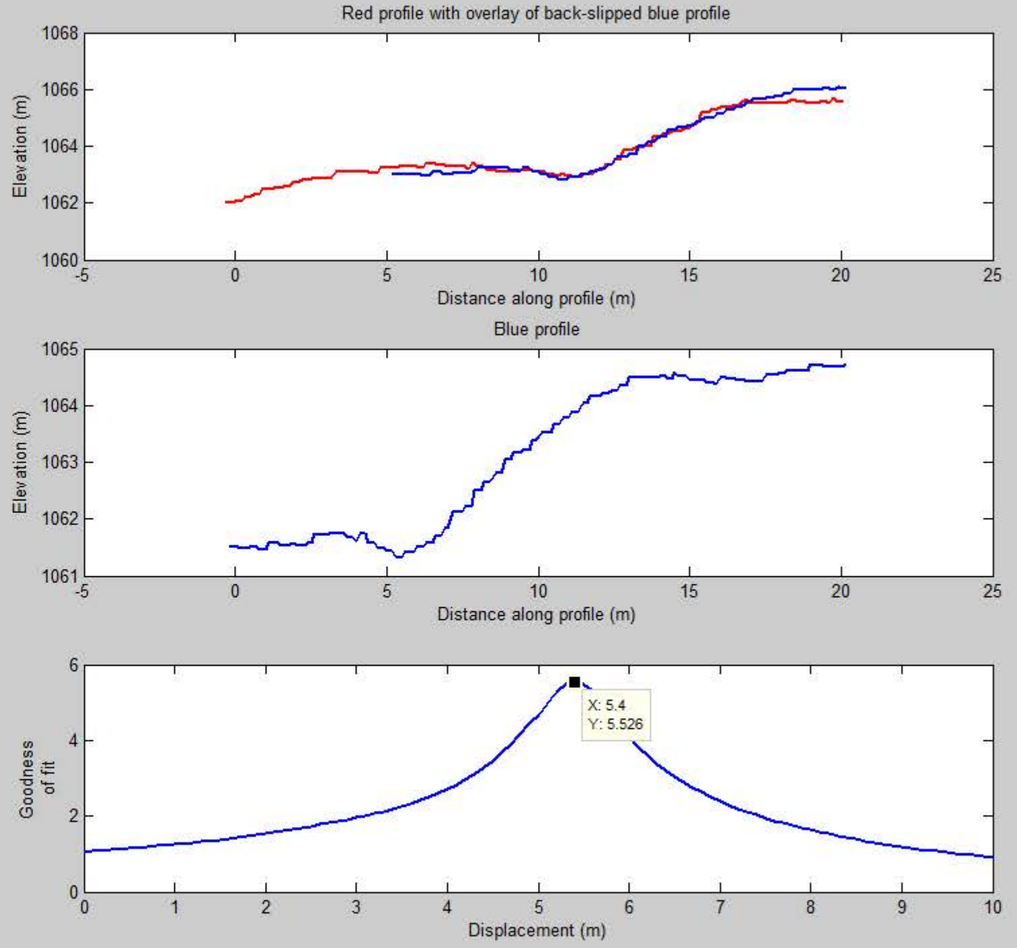
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_rcc6b.bil | .asc (ARC grid) | 1.) Load DEM file

Blue line distance from fault (m): 1

Red line distance from fault (m): 1

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Hillshade plot:

Azimuth: 225

Zenith: 20

Z-factor: 1

Contour plot:

Min. Elevation: 1057.85

Max. Elevation: 1072.21

Contour: 20

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -1

increment 0.1

max 1

Horizontal back slip (m): min 0

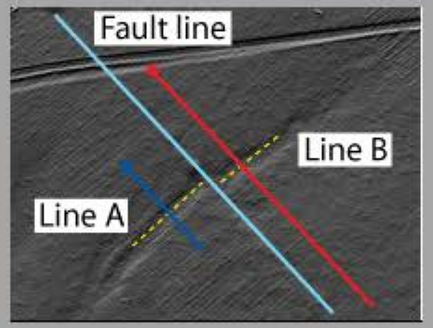
left-lateral | increment 0.1

max 10

Number of iterations: 2121

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left | Right

Down

Rotate fault: Clock-Wise

0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A | Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

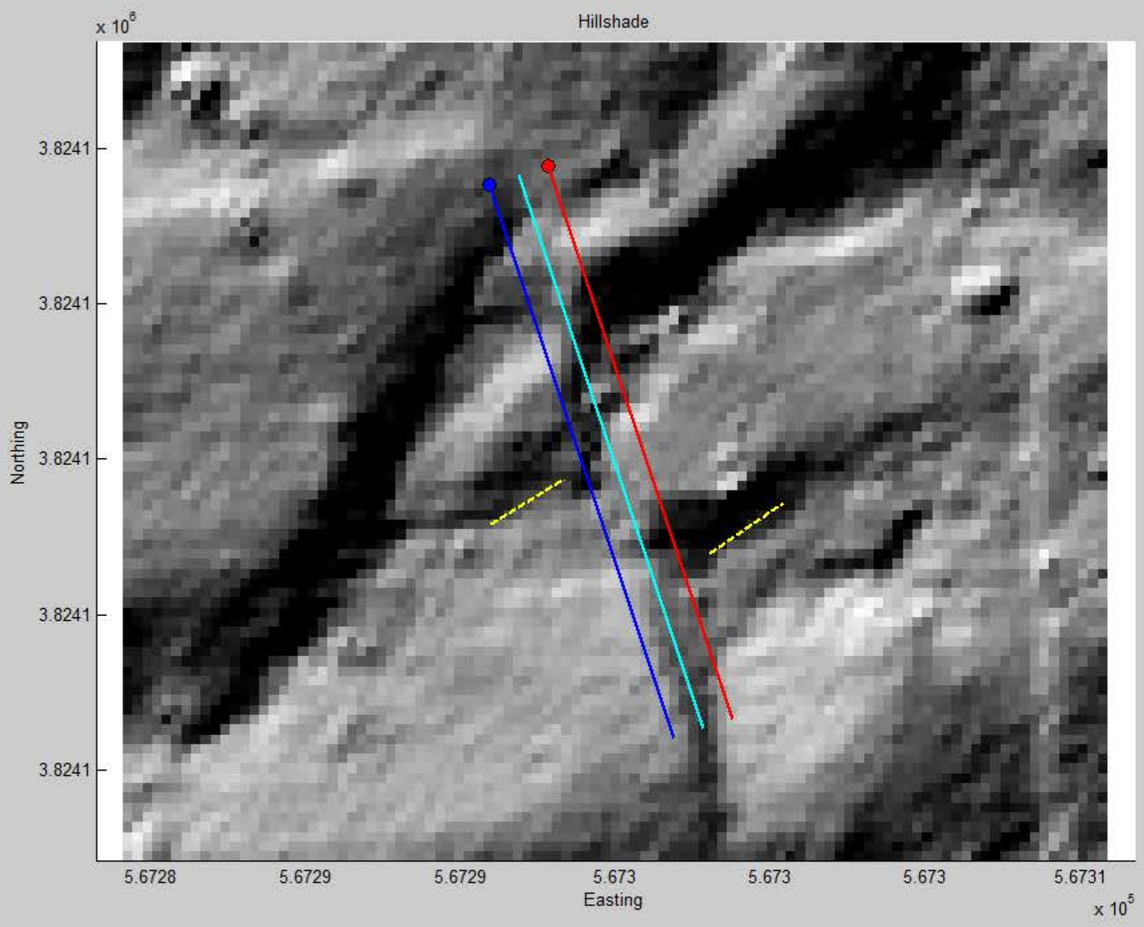
Maximum Slip: NaN

Figures

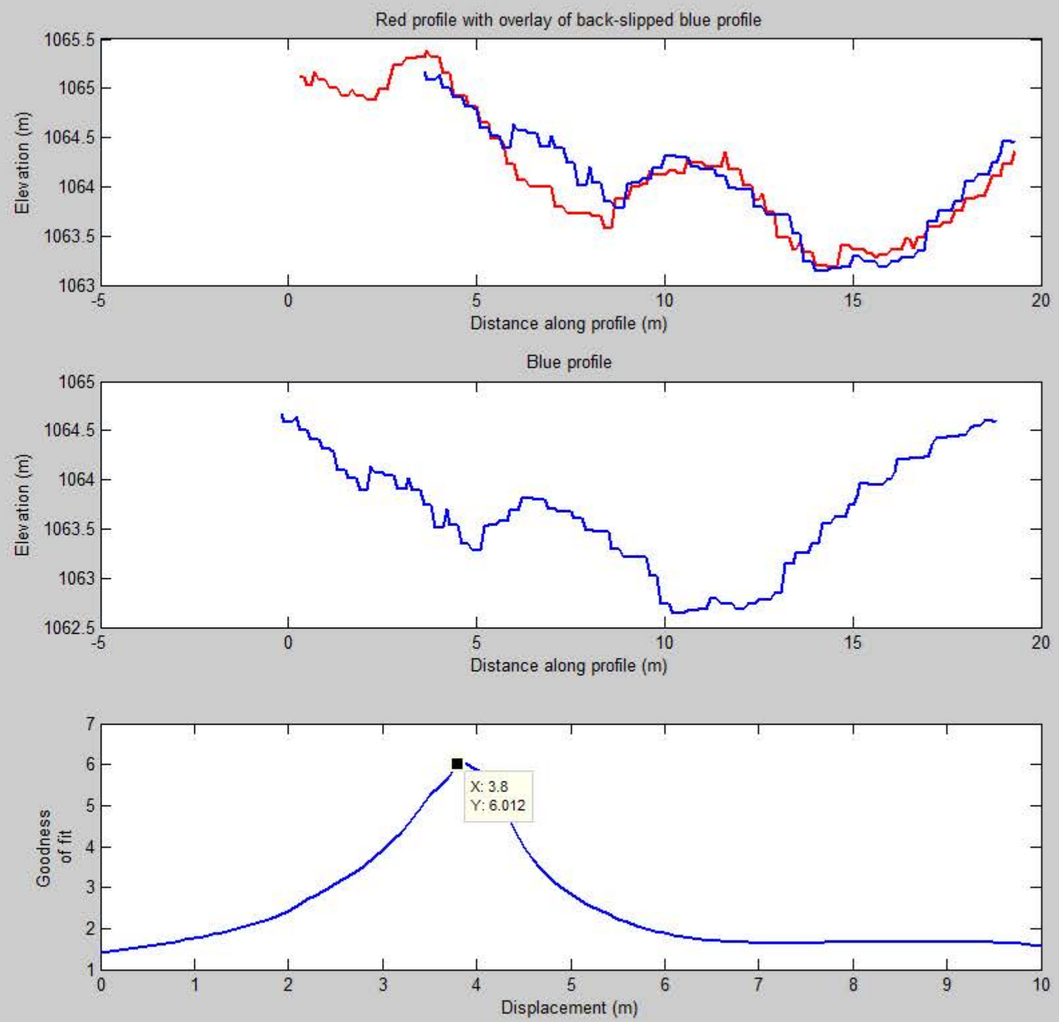
File Edit View Insert Tools Debug Desktop Window Help

Hillshade × Profiles ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

41

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct160s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 25
- Z-factor: 1

Contour plot:
- Min. Elevation 1003.09
- Max. Elevation 1265.69
- Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 2

Cut off last Xm of blue profile: 3

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

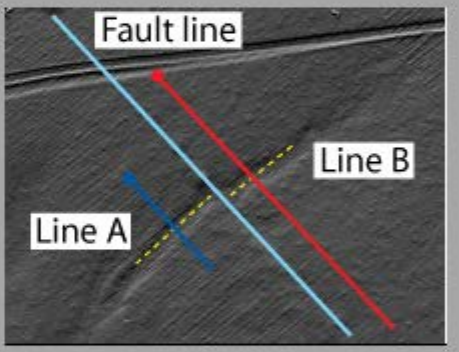
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

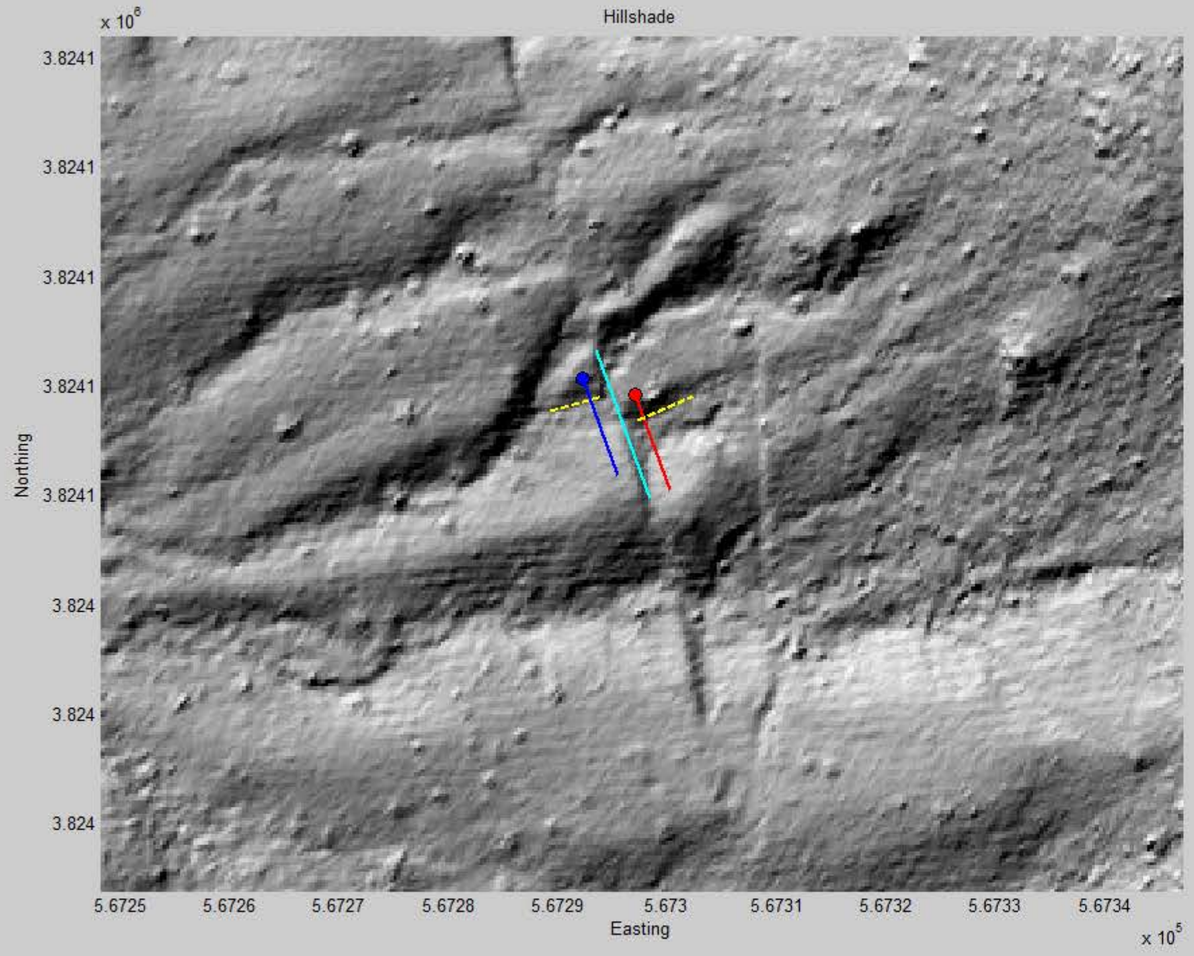
Maximum Slip: NaN

Figures

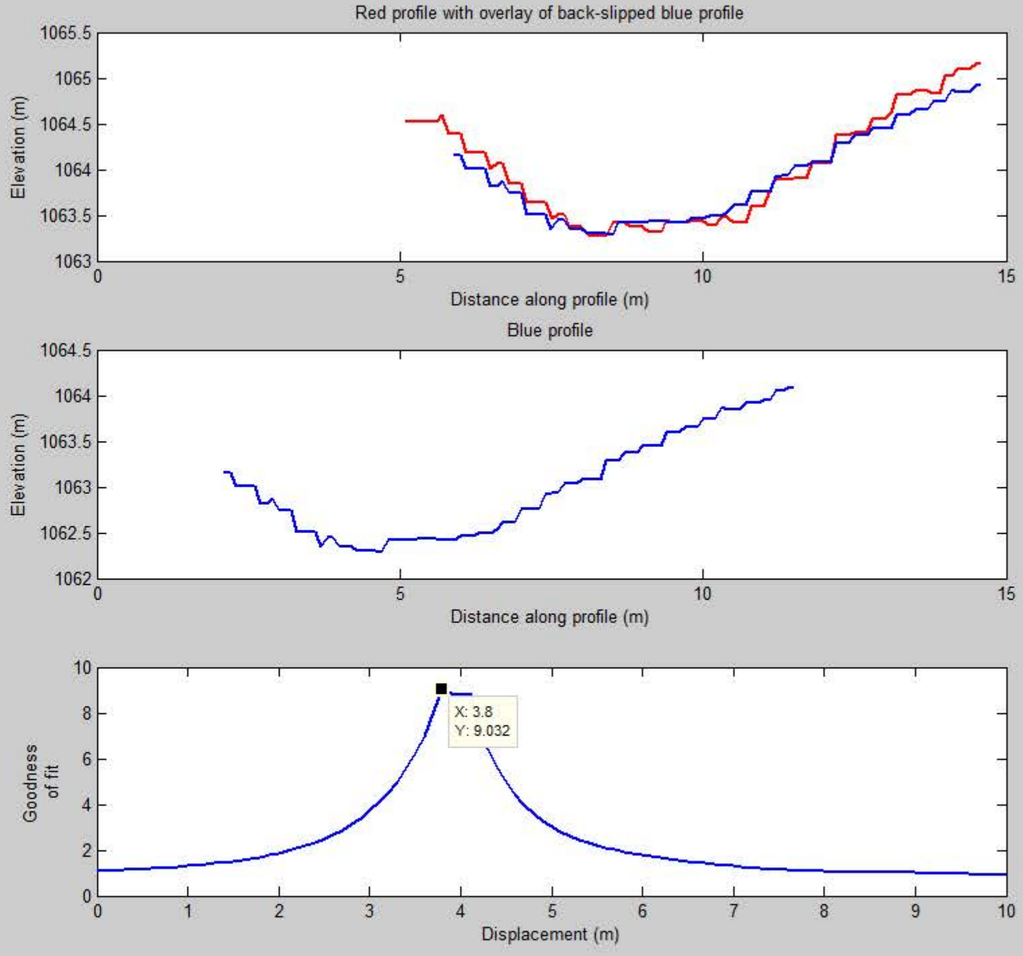
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_rcc6d.bil | .asc (ARC grid) | 1.) Load DEM file

Blue line distance from fault (m): 1.5

Red line distance from fault (m): 1.5

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Hillshade plot:

Azimuth: 225

Zenith: 20

Z-factor: 1

Contour plot:

Min. Elevation: 1060.62

Max. Elevation: 1075.26

Contour: 20

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -1 | increment 0.1 | max 1

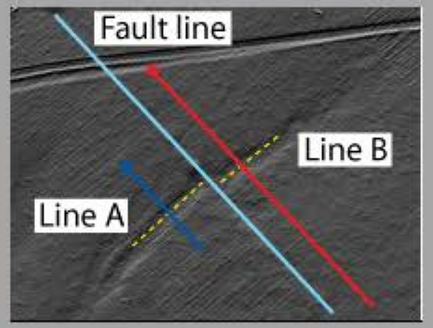
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 2121

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A | Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

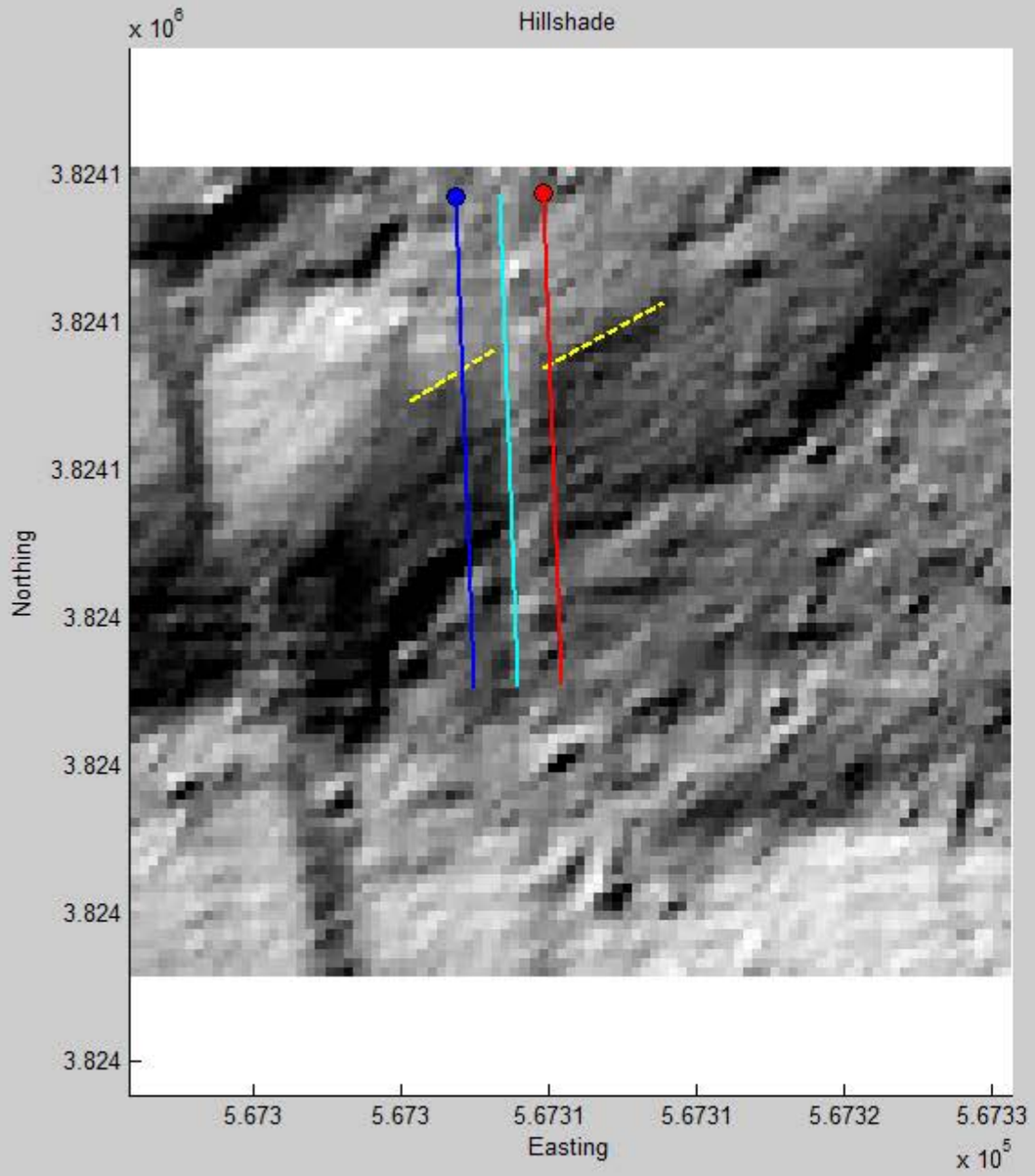
Maximum Slip: NaN

Figures

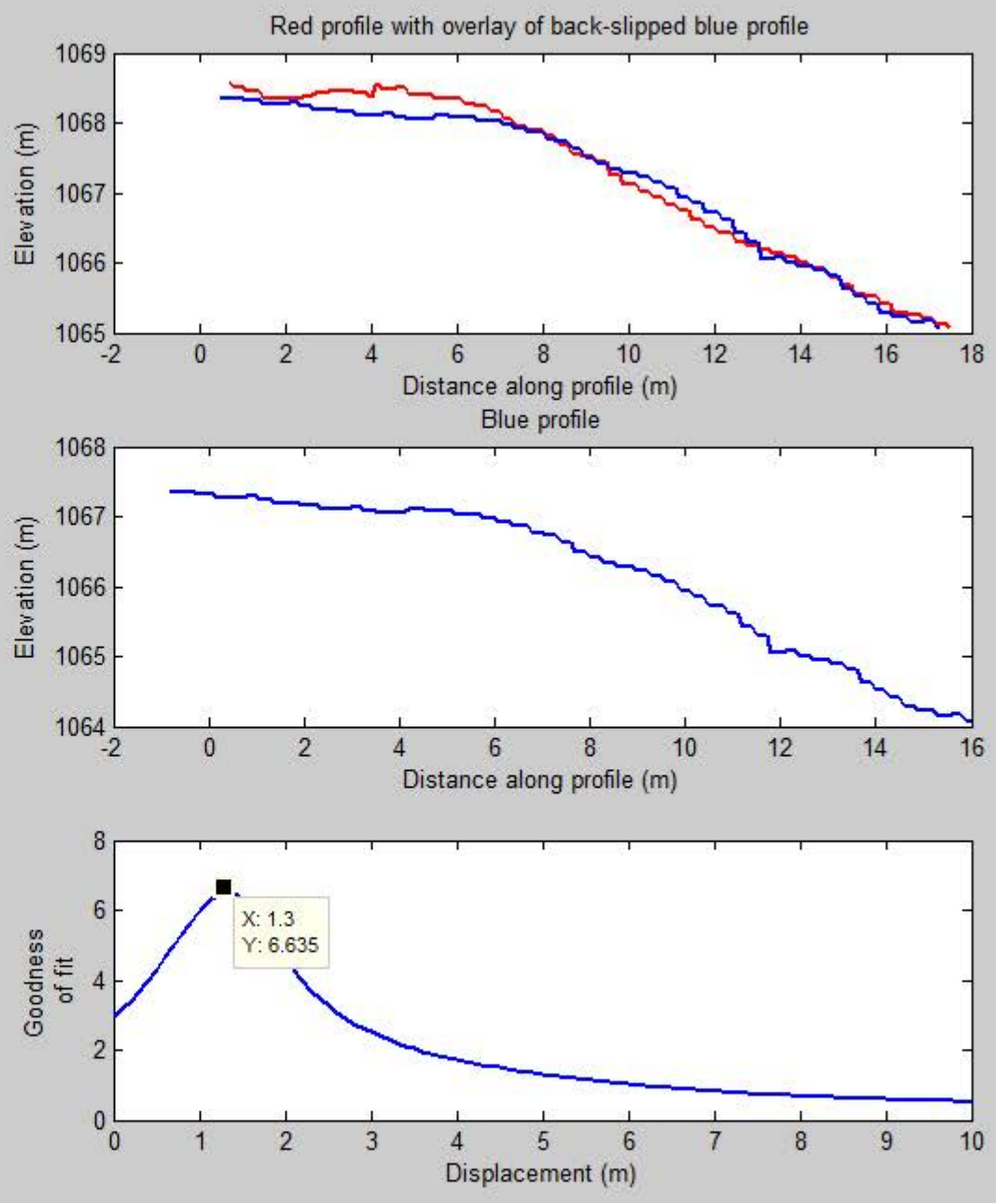
File Edit View Insert Tools Debug Desktop Window Help

Hillshade × Profiles ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Hillshade

Show Figure Number

More Properties...

Colormap: Gray

Export Setup...

Figure Color:

LaDiCaoz

About

45

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct160s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 30

Z-factor: 1

Contour plot:

Min. Elevation 1003.09

Max. Elevation 1265.69

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -3

increment 0.1

max 3

Horizontal back slip (m): min 0

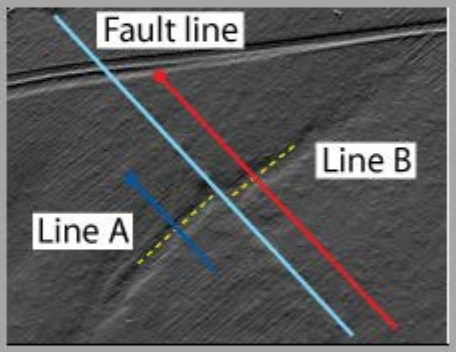
left-lateral | increment 0.1

max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left Right

Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

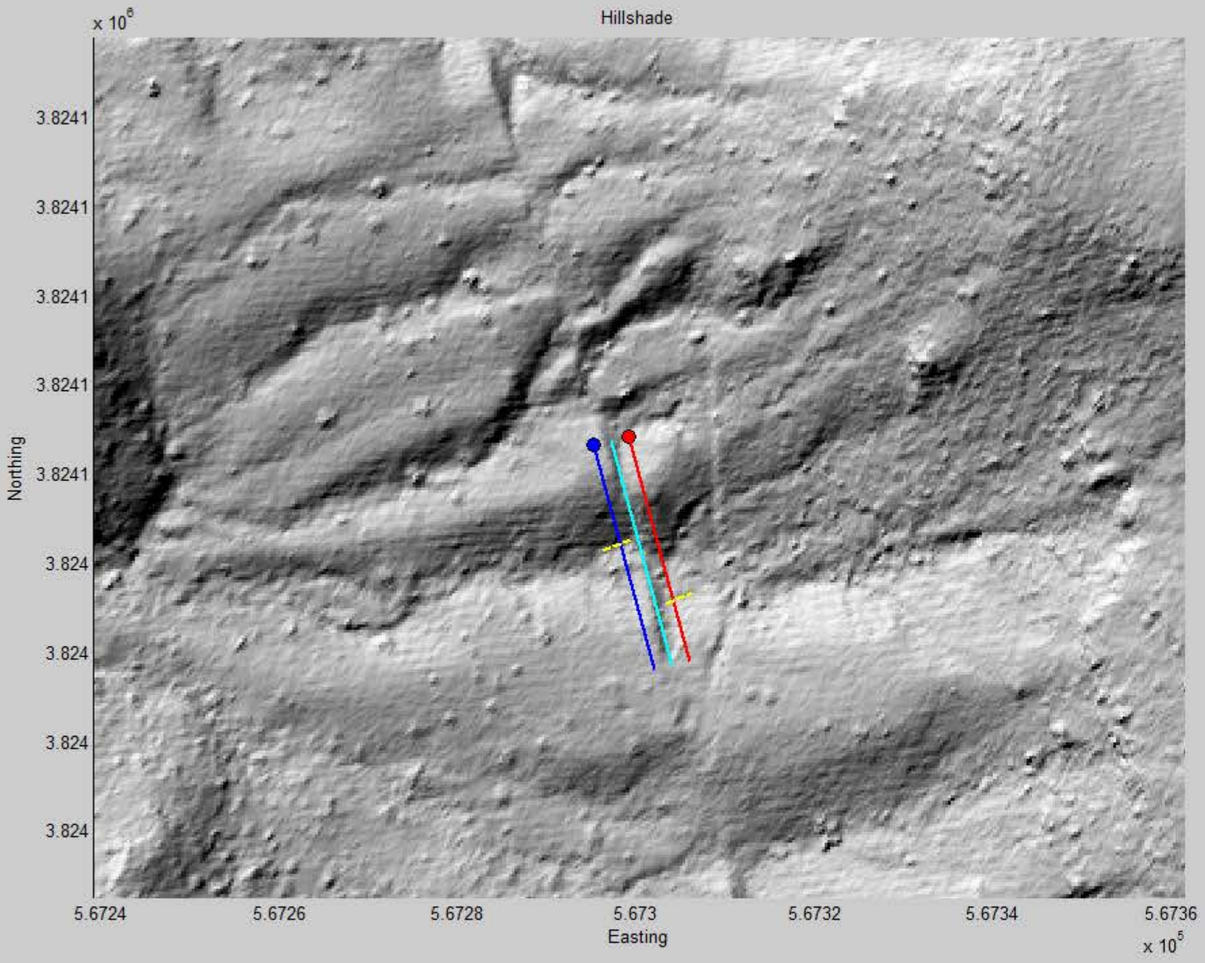
Maximum Slip: NaN

Figures

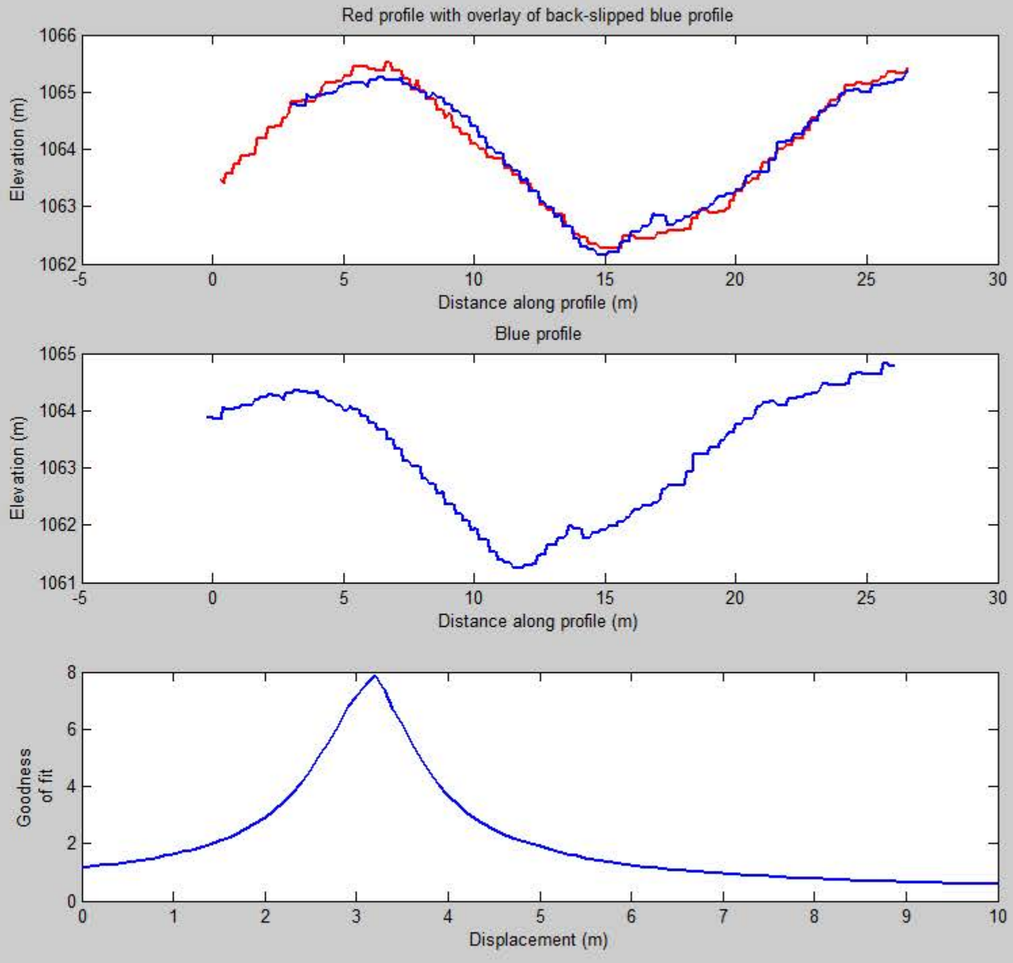
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

47

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct160s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 25
- Z-factor: 1

Contour plot:
- Min. Elevation: 1003.09
- Max. Elevation: 1265.69
- Contour: 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 15

Cut off first Xm of red profile: 5

Cut off last Xm of red profile: 10

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

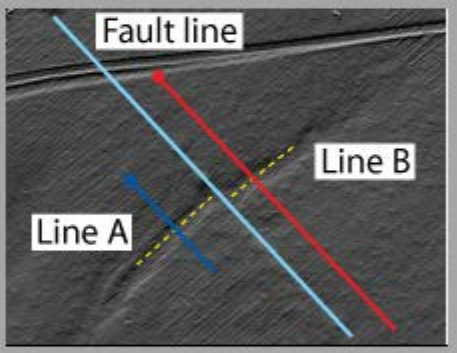
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

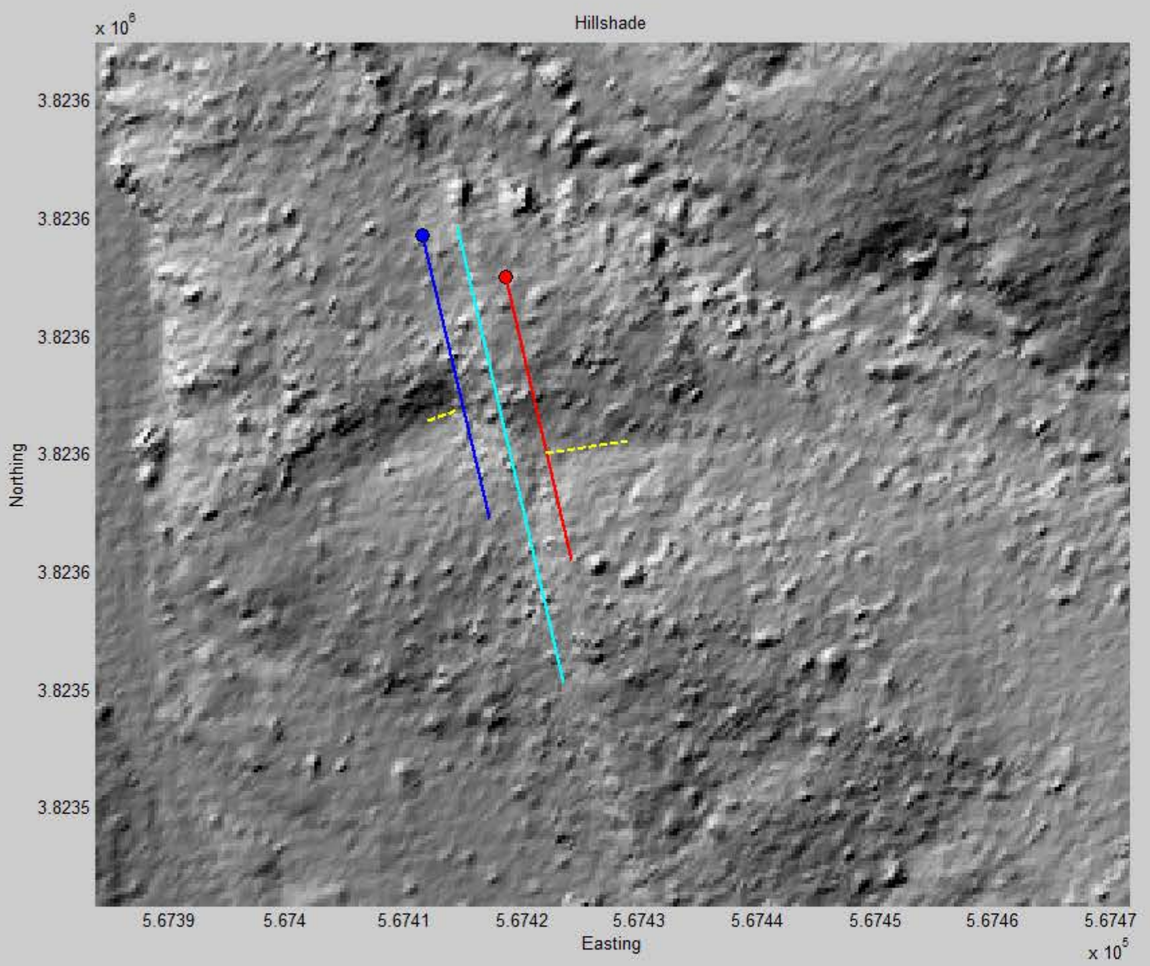
Information for saved Profile
- Distance to Start Point: 0
- Offset Rating: high
- Optimal Slip: NaN
- Minimum Slip: NaN
- Maximum Slip: NaN

Figures

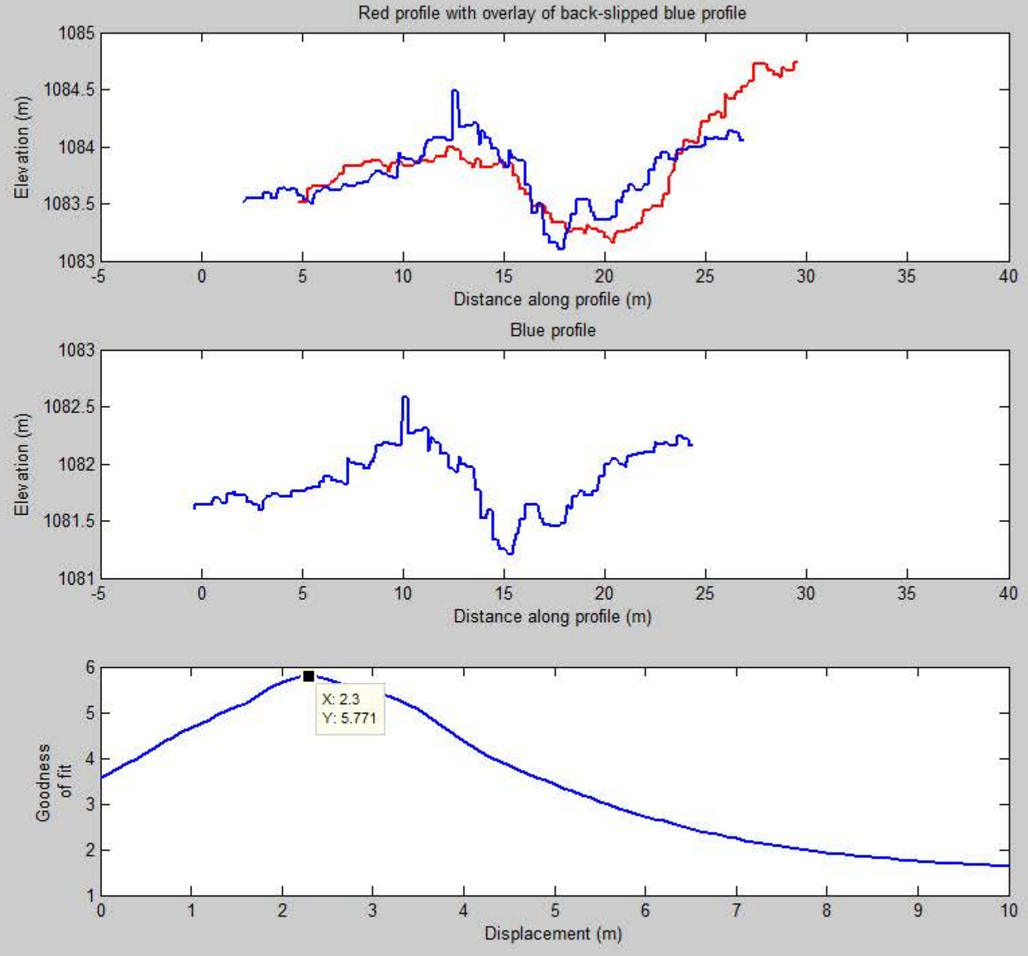
File Edit View Insert Tools Debug Desktop Window Help

Profiles | Hillshade

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

49

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct160s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 25
- Z-factor: 1

Contour plot:
- Min. Elevation 1003.09
- Max. Elevation 1265.69
- Contour 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

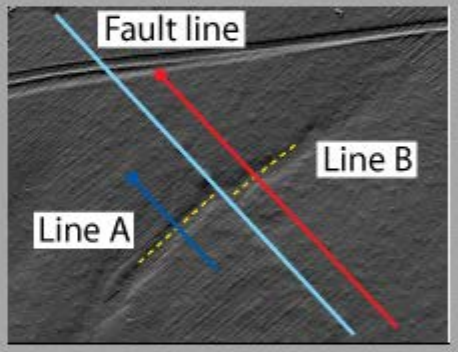
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

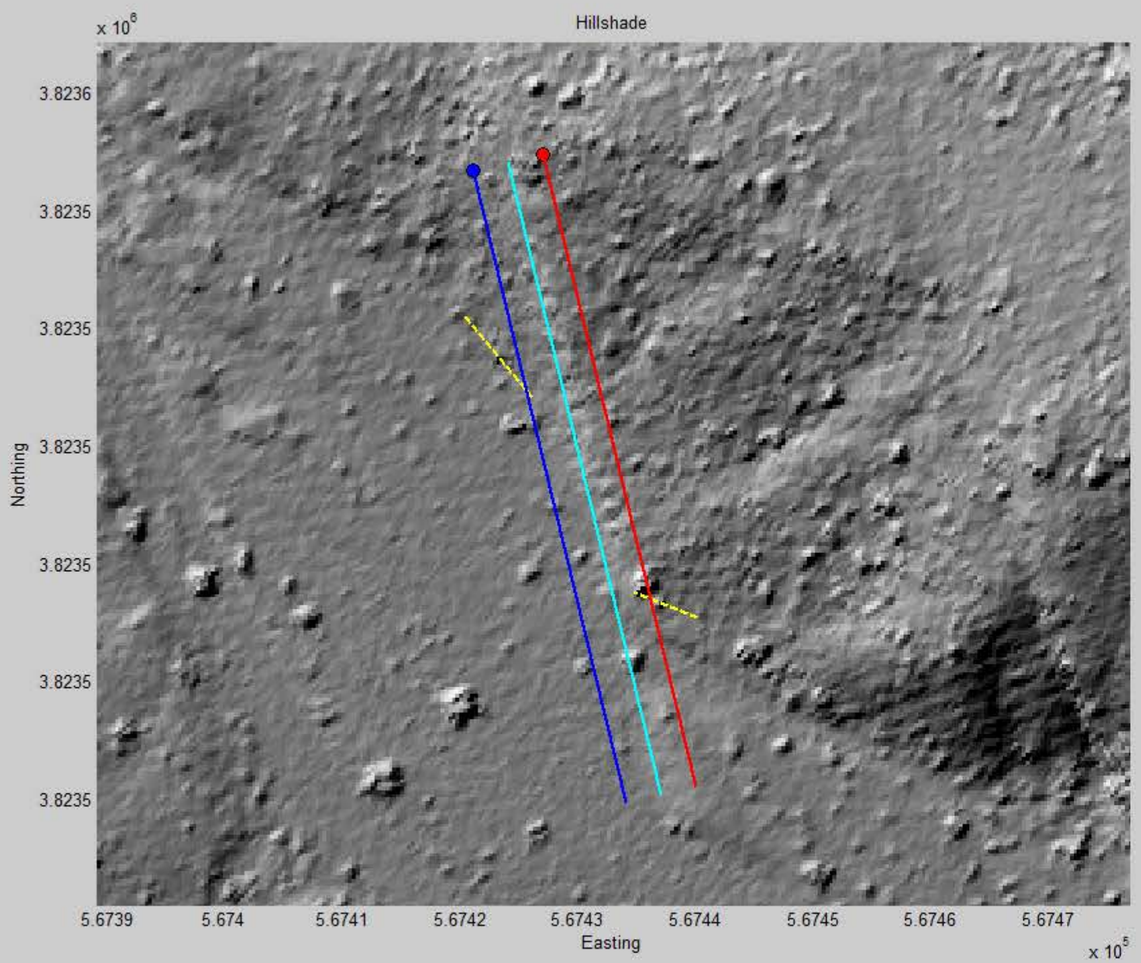
Maximum Slip: NaN

Figures

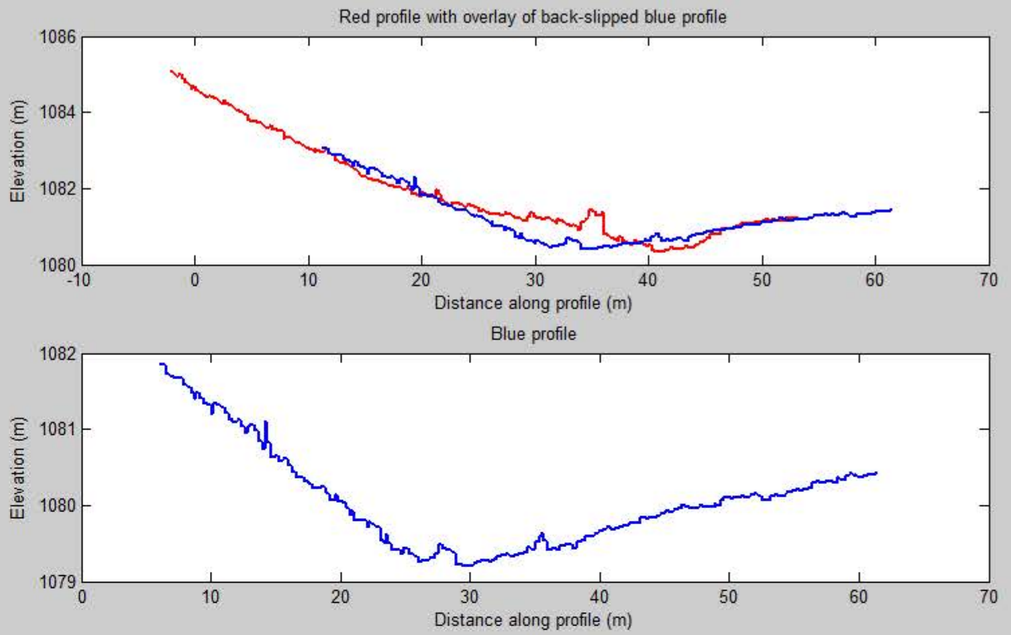
File Edit View Insert Tools Debug Desktop Window Help

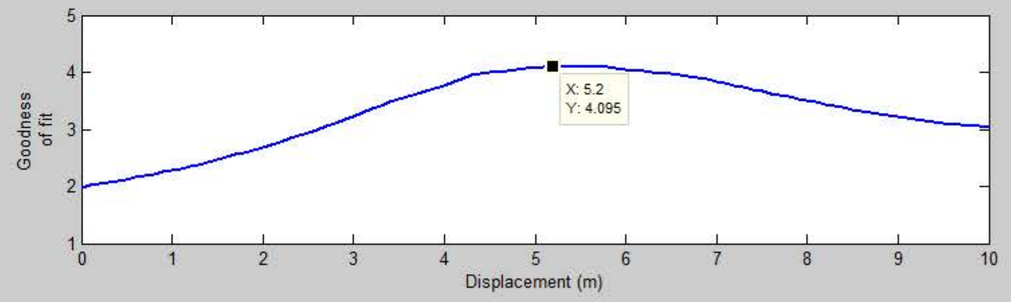
Profiles × Hillshade ×

Hillshade



Profiles





Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

51

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct170s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 25

Z-factor: 1

Contour plot:

Min. Elevation 1062.88

Max. Elevation 1188.06

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

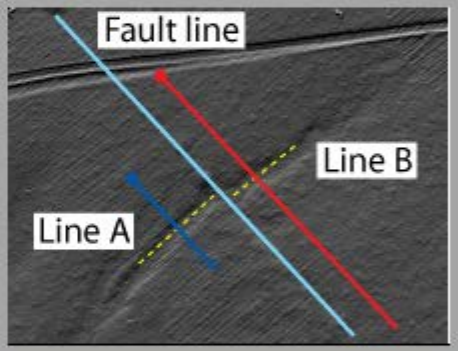
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

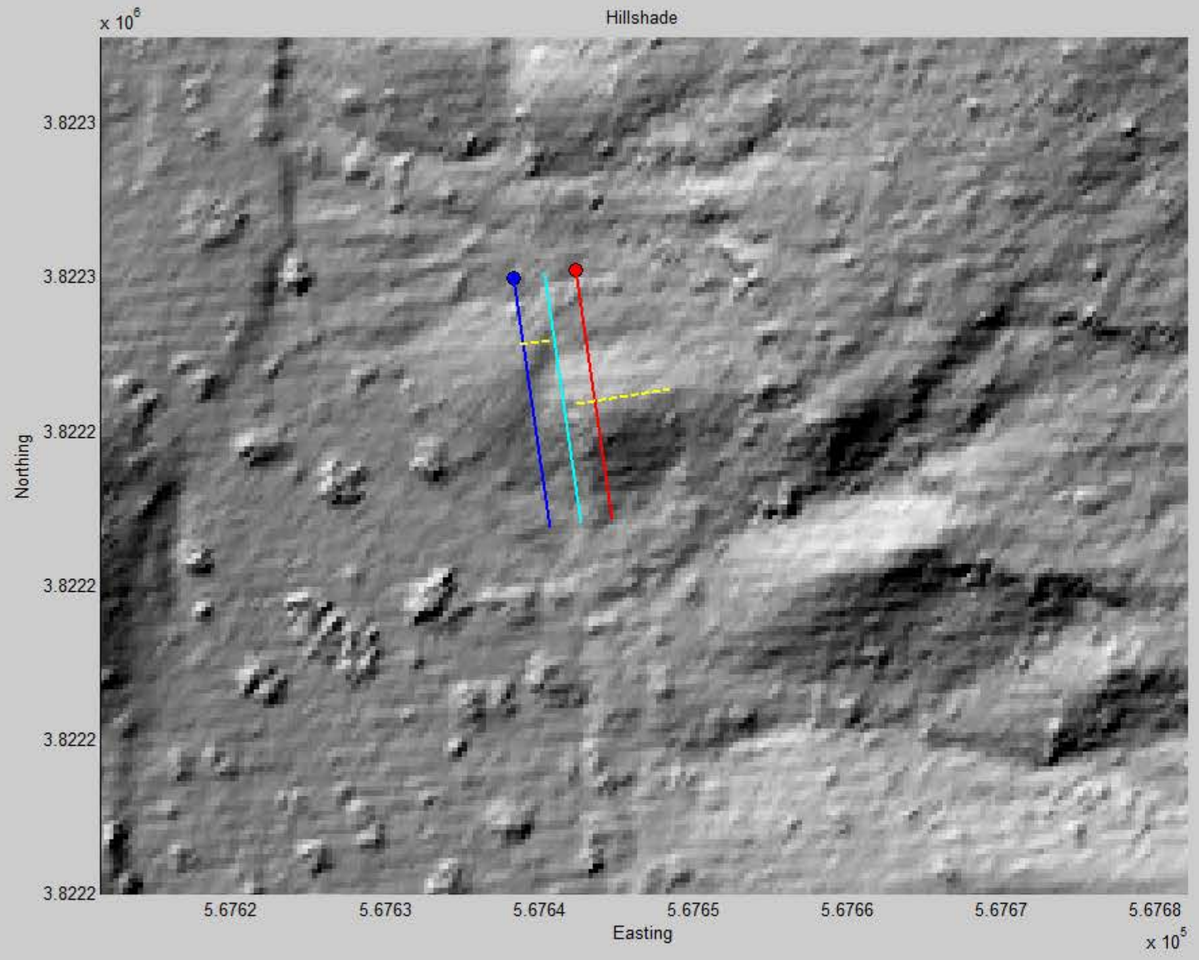
Maximum Slip: NaN

Figures

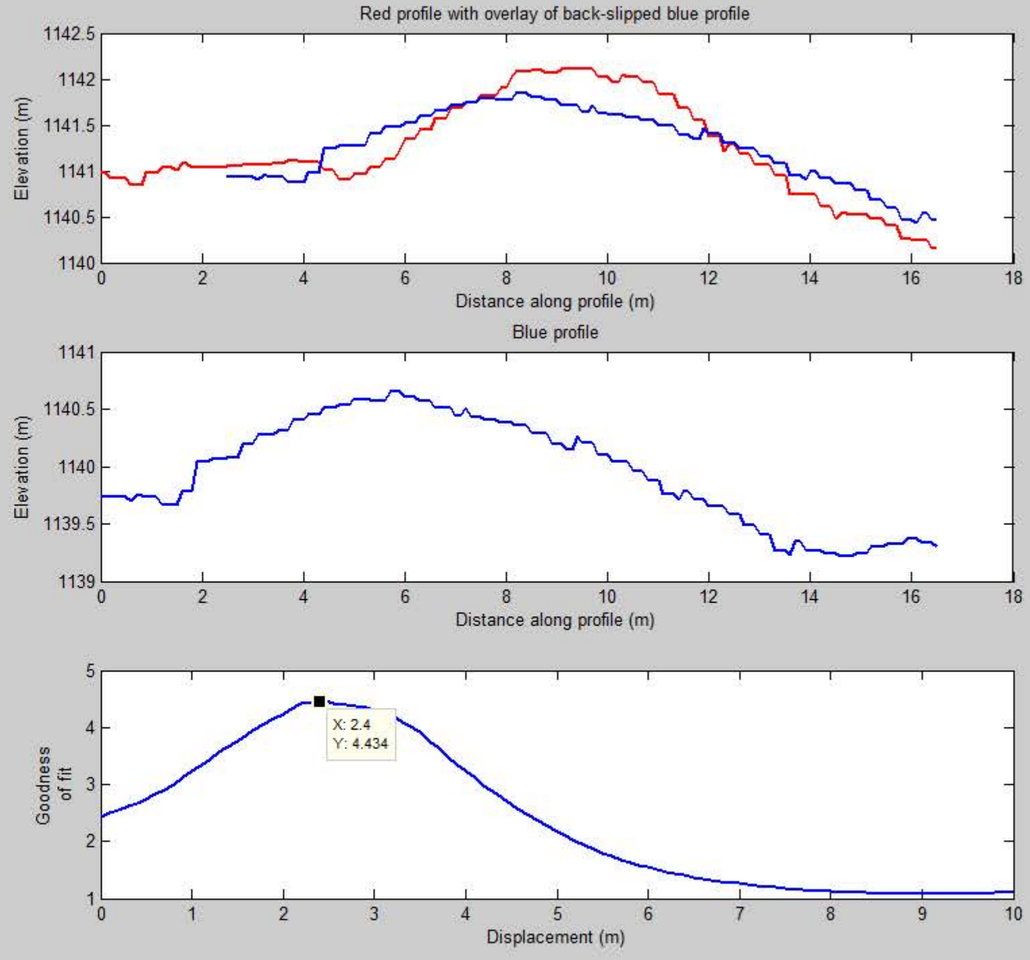
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

Click and drag to move Hillshade...

LaDiCaoz

About

53

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct170s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 30

Z-factor: 1

Contour plot:

Min. Elevation 1062.88

Max. Elevation 1188.06

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 5

Cut off last Xm of blue profile: 10

Cut off first Xm of red profile: 10

Cut off last Xm of red profile: 3

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

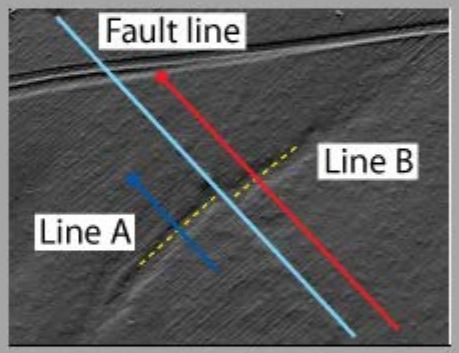
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

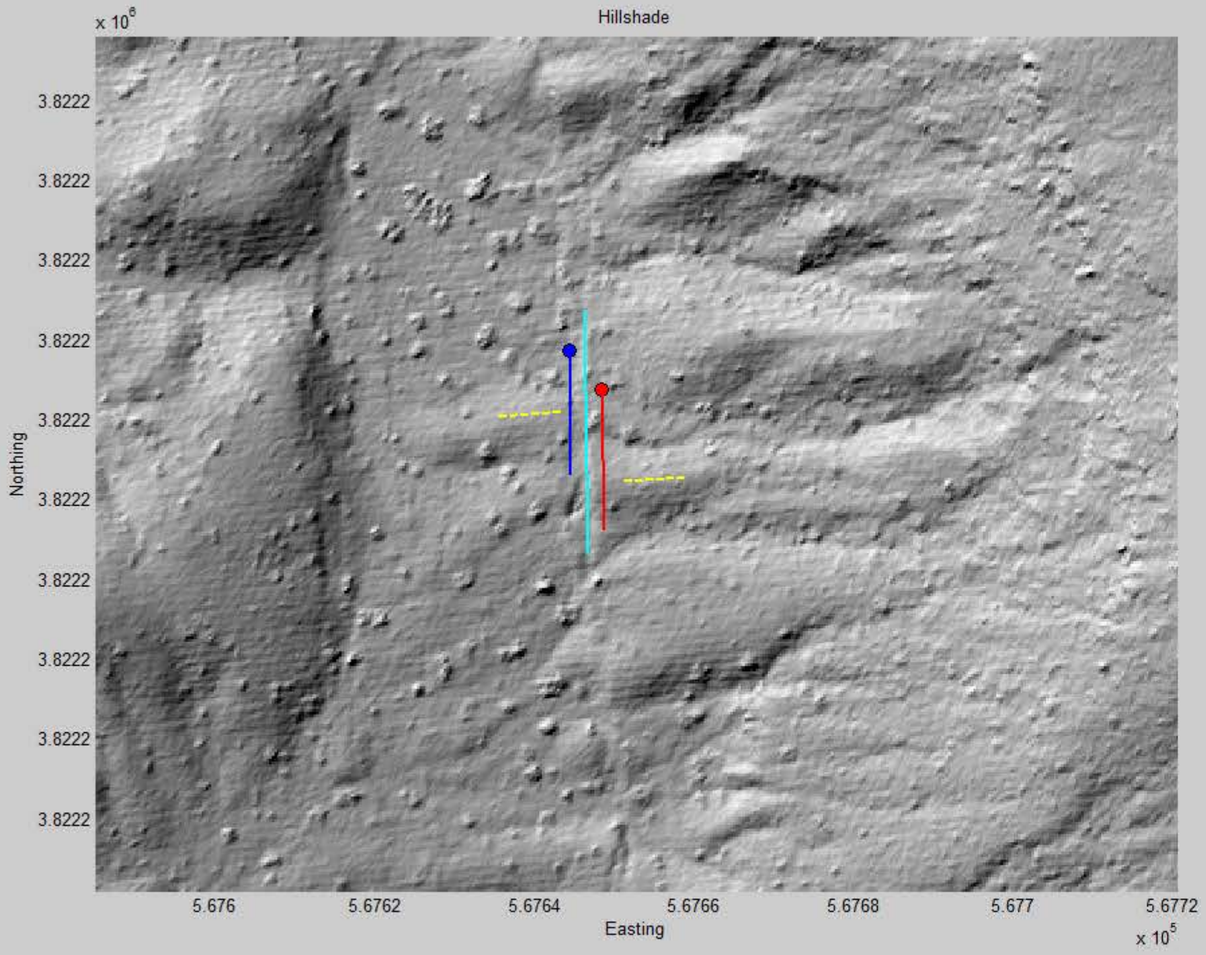
Maximum Slip: NaN

Figures

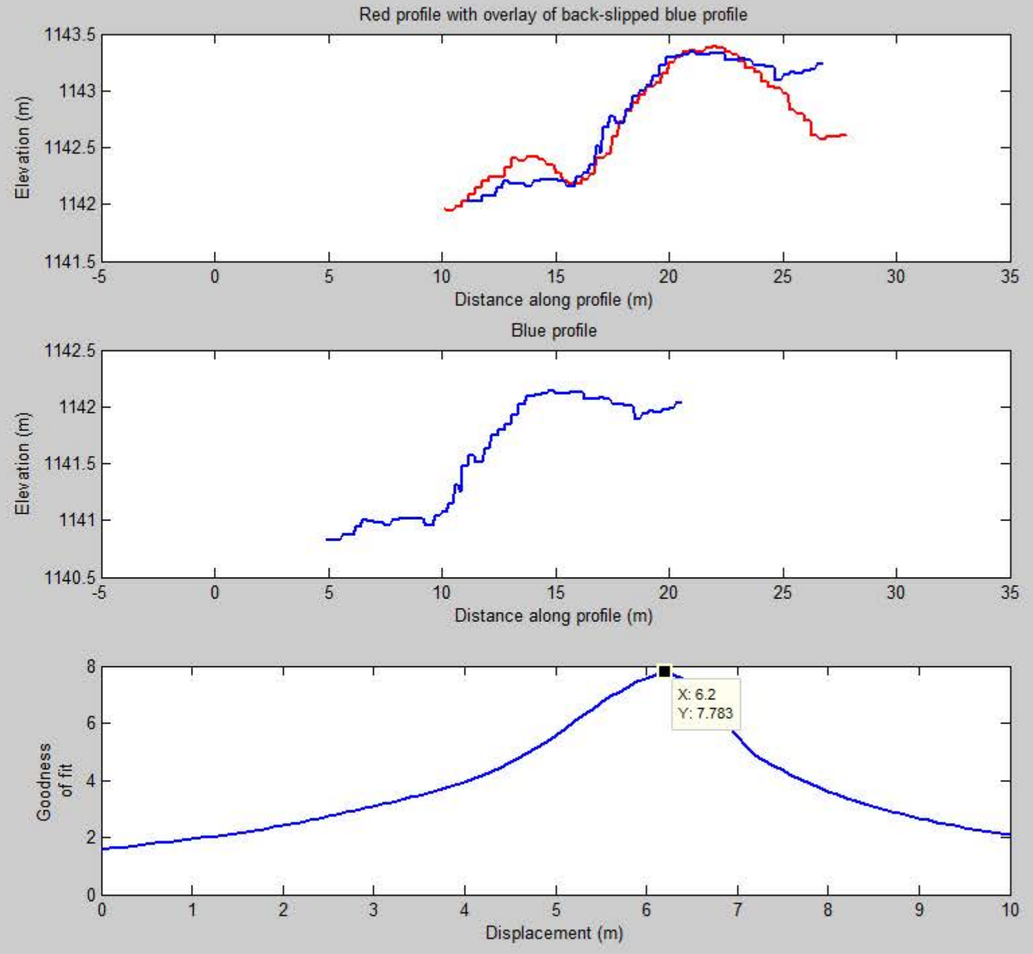
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

55

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct170s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot:
- Azimuth: 225
- Zenith: 25
- Z-factor: 1

Contour plot:
- Min. Elevation: 1062.88
- Max. Elevation: 1188.06
- Contour: 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

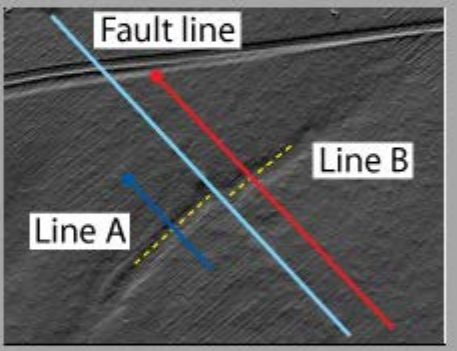
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:
- Fault trace
- Line A
- Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

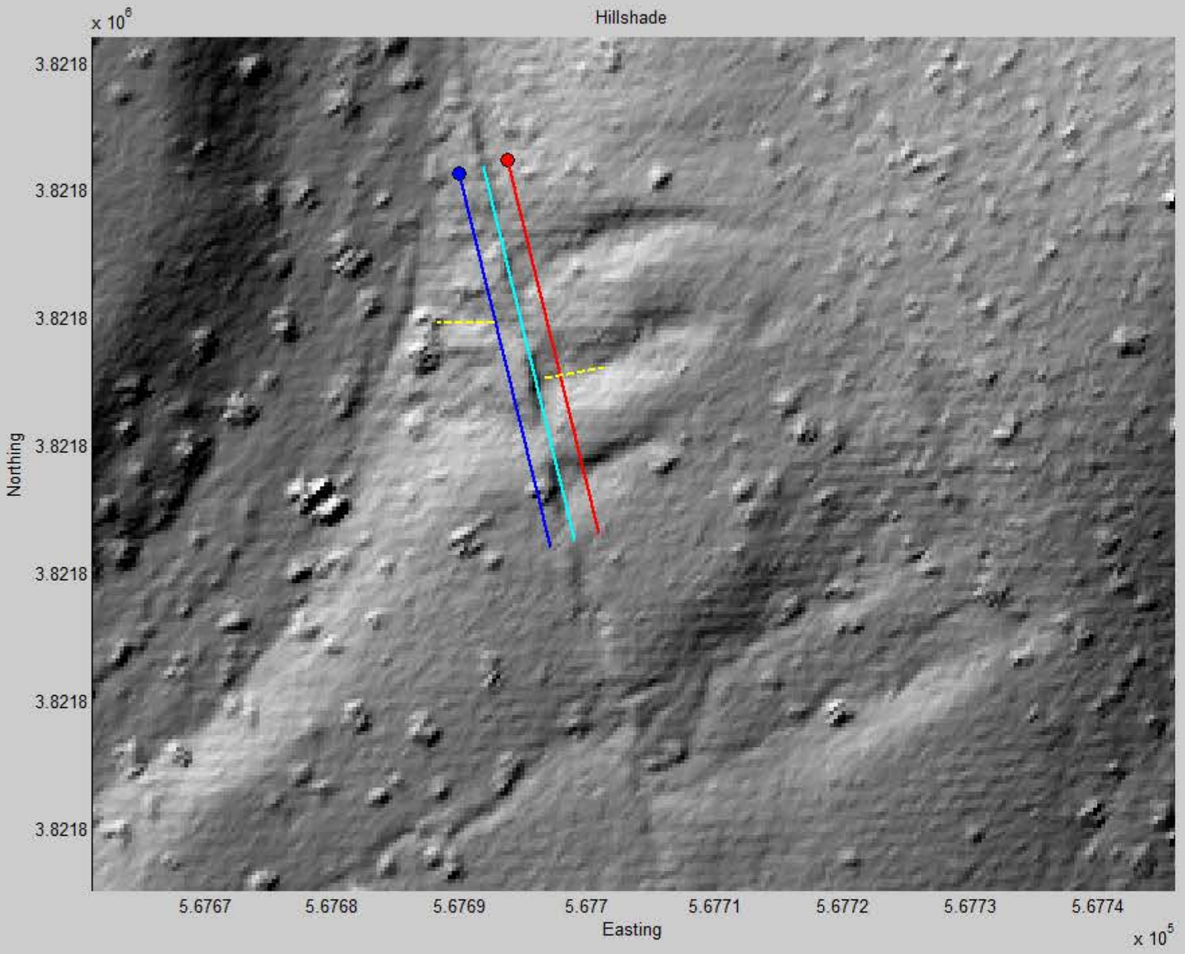
Comment:

Figures

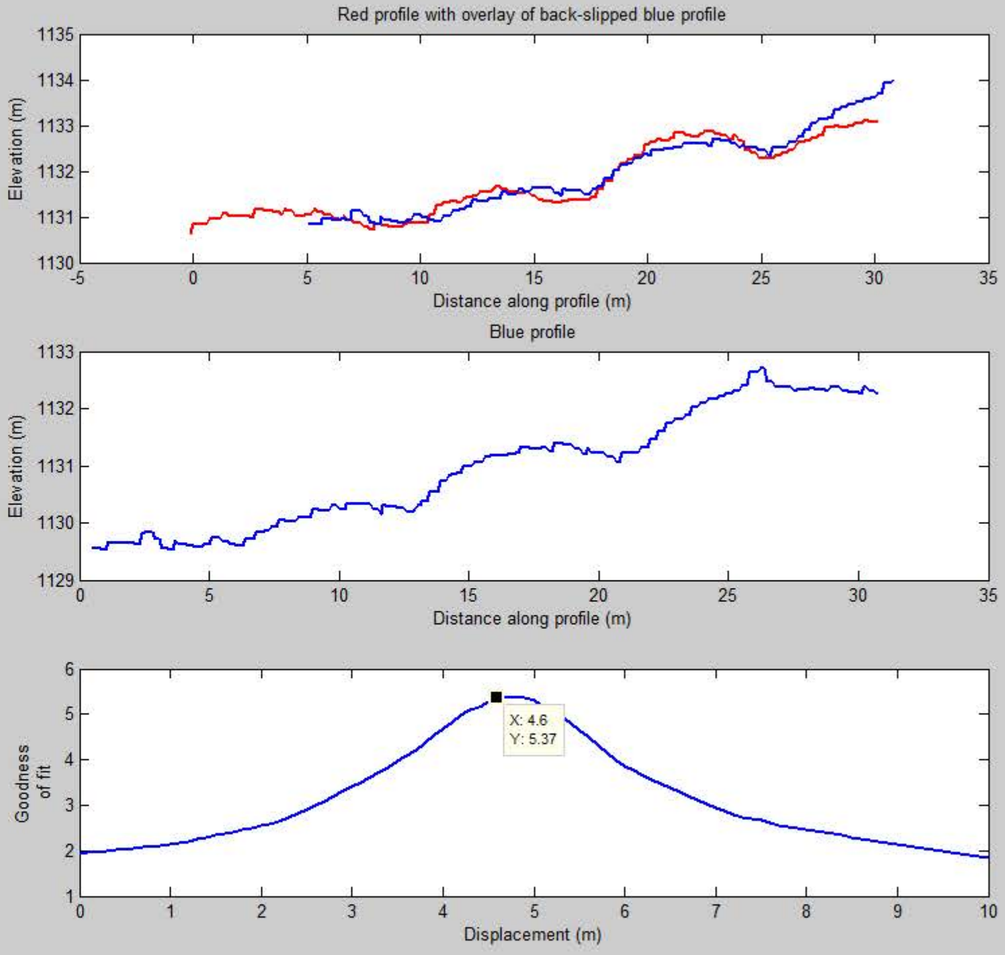
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

57

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct170s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 25

Z-factor: 1

Contour plot:

Min. Elevation 1062.88

Max. Elevation 1188.06

Contour 20

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

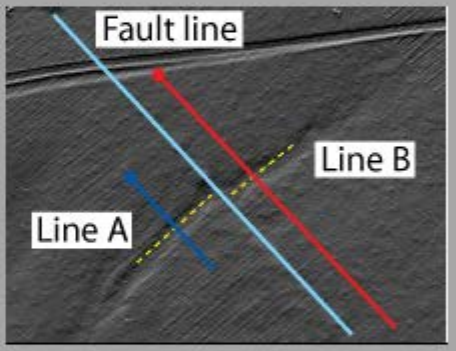
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

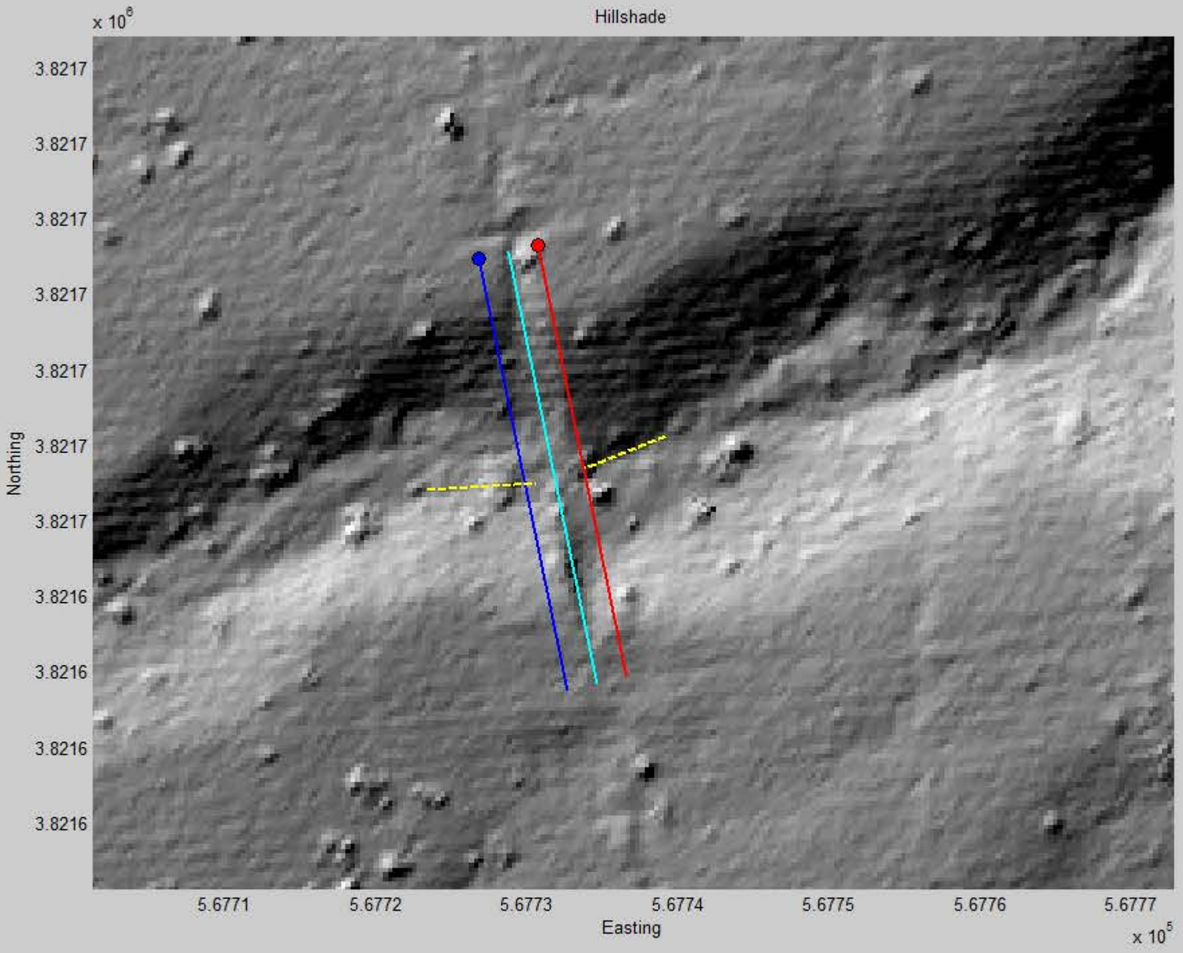
Maximum Slip: NaN

Figures

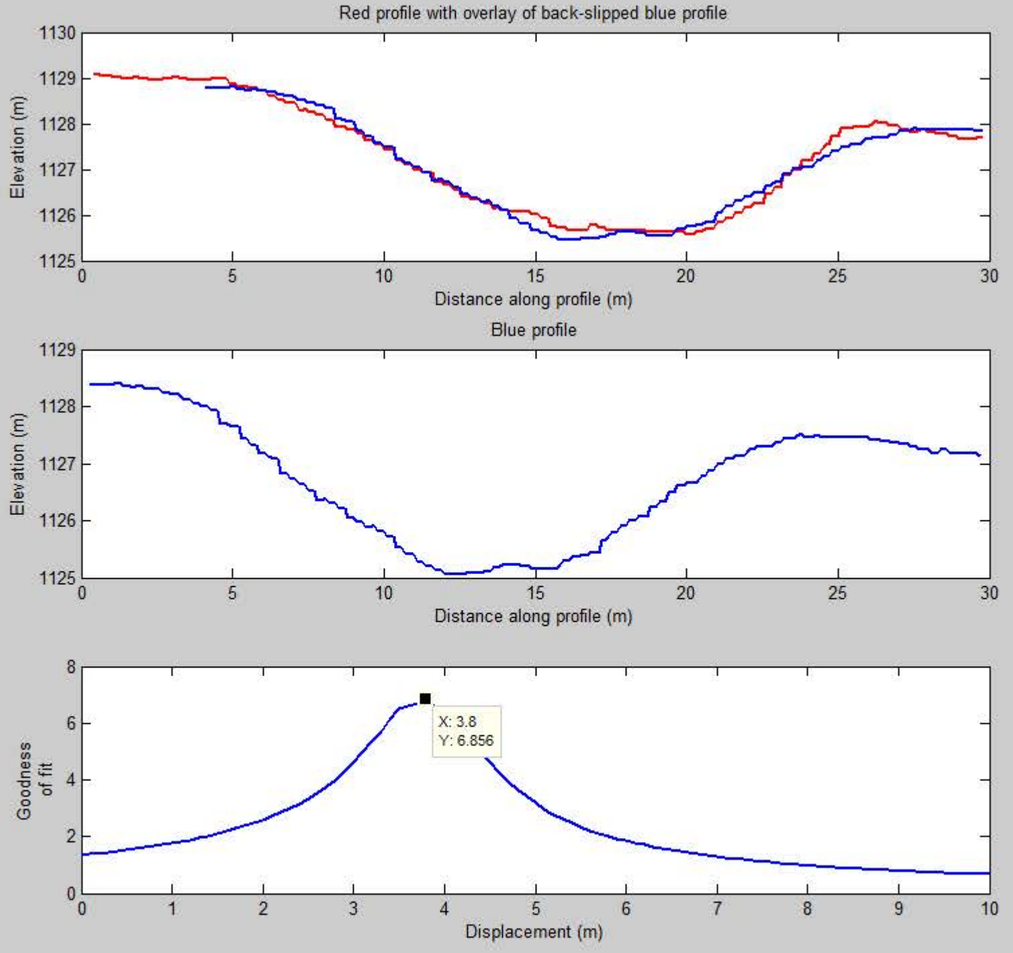
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_lm2.bil | .asc (ARC grid) | 1.) Load DEM file

Blue line distance from fault (m): 2

Red line distance from fault (m): 2

Cut off first Xm of blue: 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Hillshade plot:

Azimuth: 225

Zenith: 20

Z-factor: 1

Contour plot:

Min. Elevation: 1118.79

Max. Elevation: 1130.1

Contour: 20

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -1

increment 0.1

max 1

Horizontal back slip (m): min 0

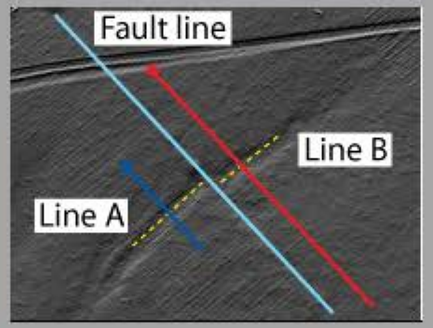
left-lateral | increment 0.1

max 10

Number of iterations: 2121

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault: Clock-Wise | 0 deg. | Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A | Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Figures

File Edit View Insert Tools Debug Desktop Window Help

Hillshade | Profiles

Profiles

Red profile with overlay of back-slipped blue profile

Elevation (m)

Distance along profile (m)

Blue profile

Elevation (m)

Distance along profile (m)

Goodness of fit

Displacement (m)

Hillshade

x 10^6

Northing

Easting

x 10^5

Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

61

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct170s.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 25

Z-factor: 1

Contour plot:

Min. Elevation 1062.88

Max. Elevation 1188.06

Contour 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1 | increment 0.1 | max 1

Vertical back slip (m): min -3 | increment 0.1 | max 3

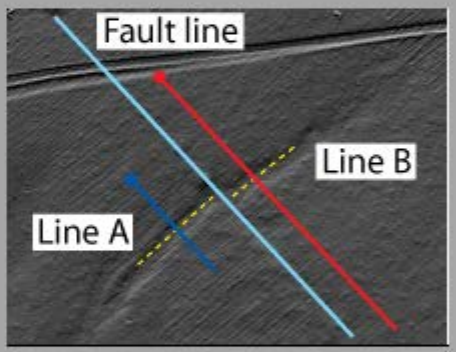
Horizontal back slip (m): min 0 | increment 0.1 | max 10

left-lateral

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m | Left | Right | Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N | Name: | 5.) Save All

Comment:

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

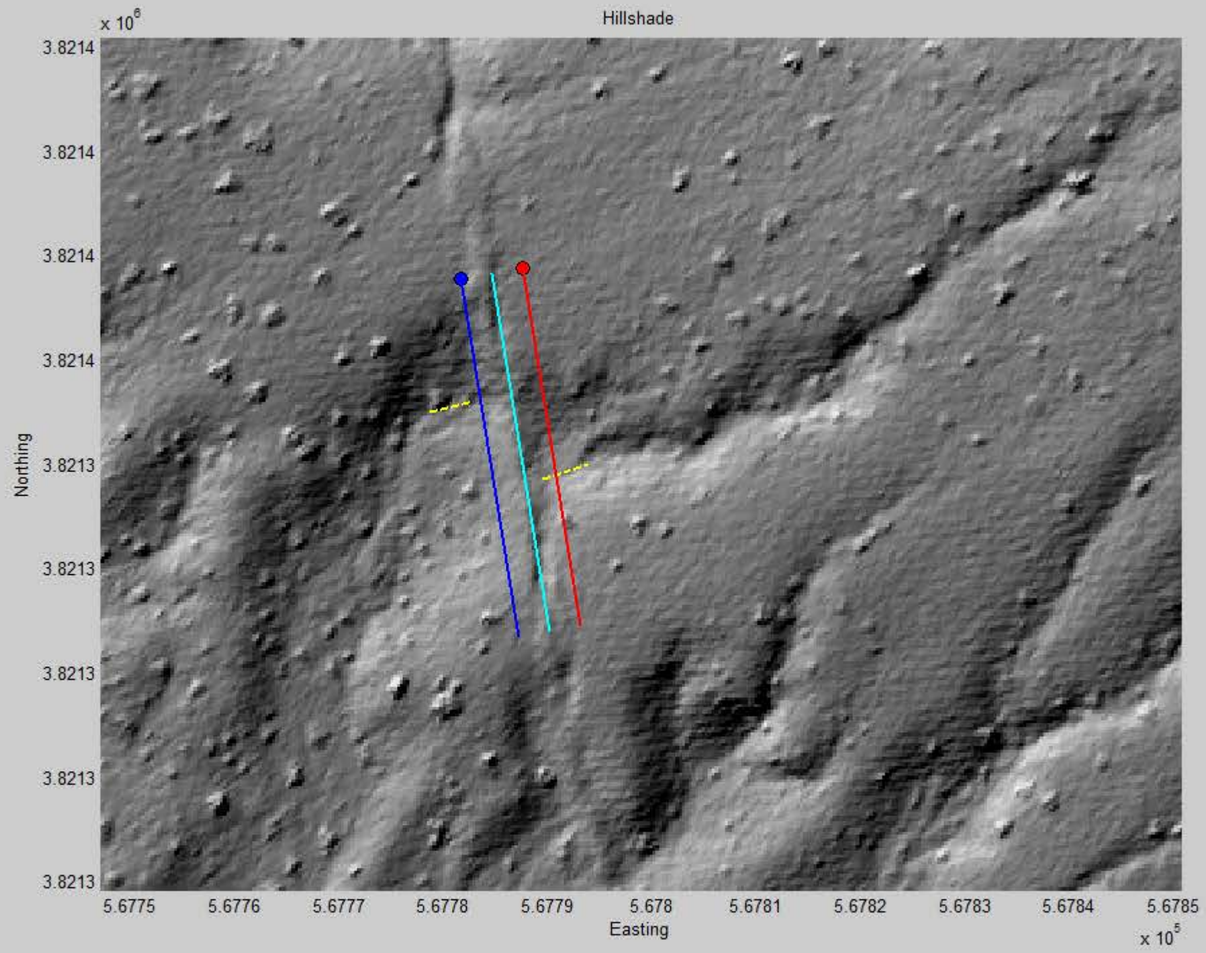
Maximum Slip: NaN

Figures

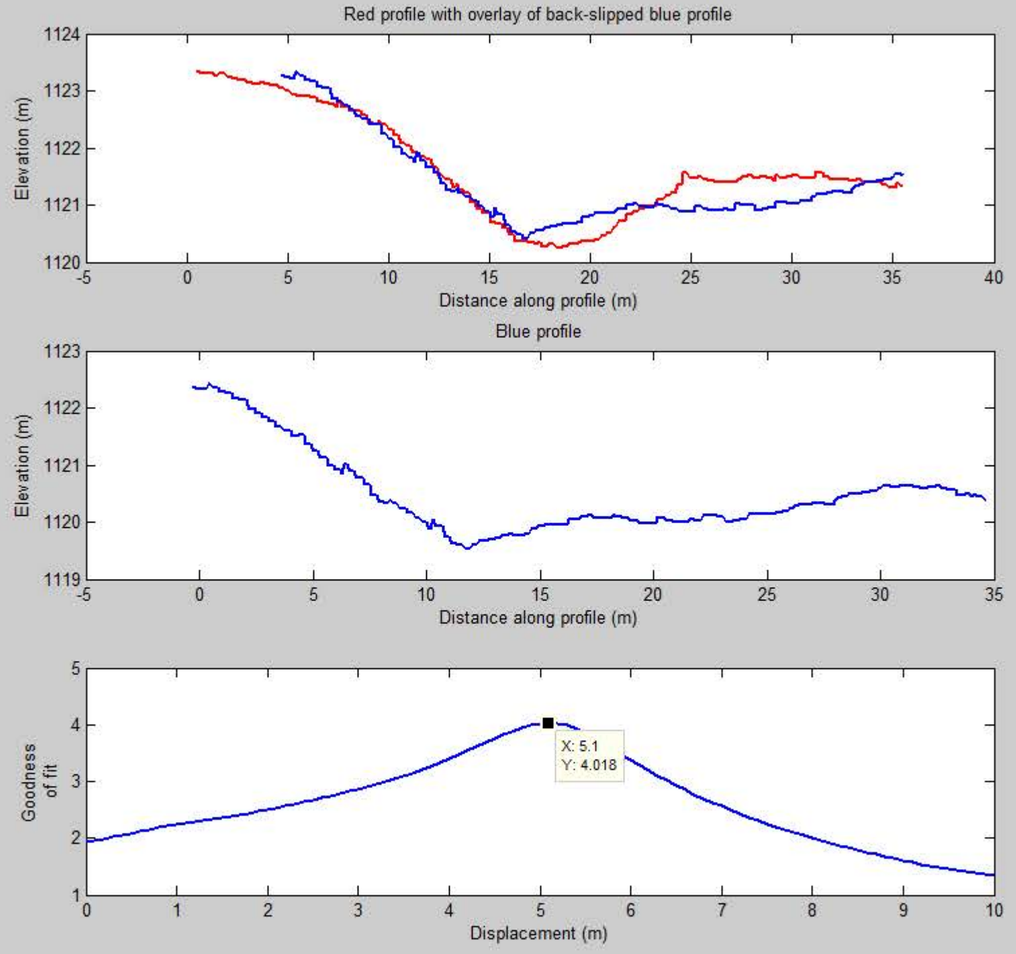
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Show Figure Number

More Properties...

Colormap: Jet

Export Setup...

Figure Color:

LaDiCaoz

About

63

Moving average (box-car) over 0 grid points | 0.5) Load Previous run

Input file name: clip_ct191.bil | .asc (ARC grid) | 1.) Load DEM file

Hillshade plot

Azimuth: 225

Zenith: 30

Z-factor: 1

Contour plot:

Min. Elevation 1090.72

Max. Elevation 1134.8

Contour 20

Blue line distance from fault (m): 3

Red line distance from fault (m): 3

Cut off first Xm of blue 0

Cut off last Xm of blue profile: 0

Cut off first Xm of red profile: 0

Cut off last Xm of red profile: 0

Adjust blue profile

Stretch factor range: min 1

increment 0.1

max 1

Vertical back slip (m): min -3

increment 0.1

max 3

Horizontal back slip (m): min 0

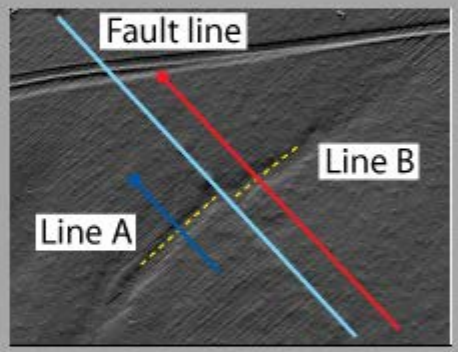
left-lateral | increment 0.1

max 10

Number of iterations: 6161

1.5) Plot DEM

2.) Define Fault Line



Shift fault by: Up 0 m

Left Right

Down

Rotate fault Clock-Wise

0 deg. Counter-Clock-Wise

Rotate/Shift this line:

Fault trace

Line A Line B

2.5) Define trend of line A

2.5) Define trend of line B

3.) Calculate Offsets

Information for saved Profile

Distance to Start Point: 0

Offset Rating: high

Optimal Slip: NaN

Minimum Slip: NaN

Maximum Slip: NaN

Backslip surface by (m): 0 | 4.) Backslip Model

UTM zone: 11 N Name: | 5.) Save All

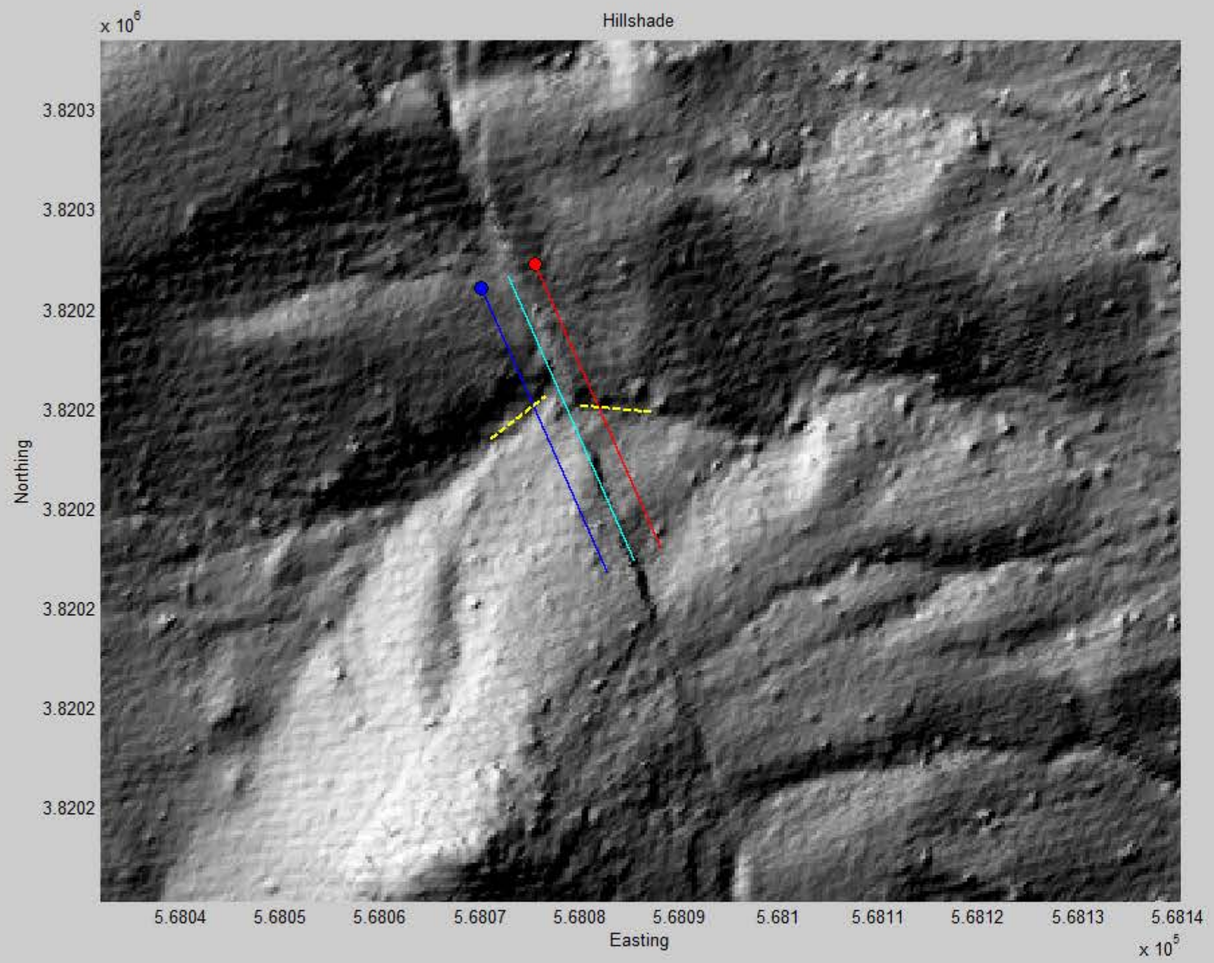
Comment:

Figures

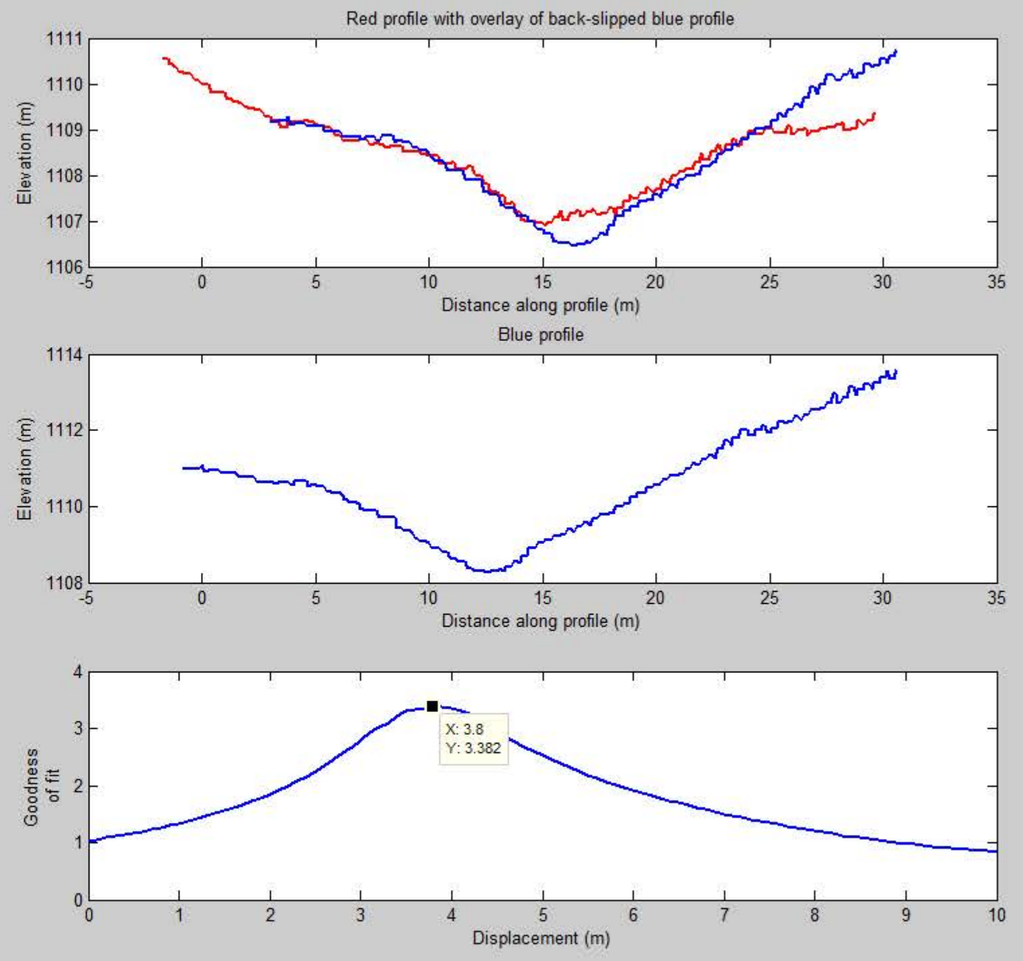
File Edit View Insert Tools Debug Desktop Window Help

Profiles × Hillshade ×

Hillshade



Profiles



Property Editor - Figure

Figure Name: Profiles

Colormap: Jet

Figure Color:

Show Figure Number

More Properties...

Export Setup...