

Ukázky z produktu GRASS

Jan Růžička

Institut geoinformatiky

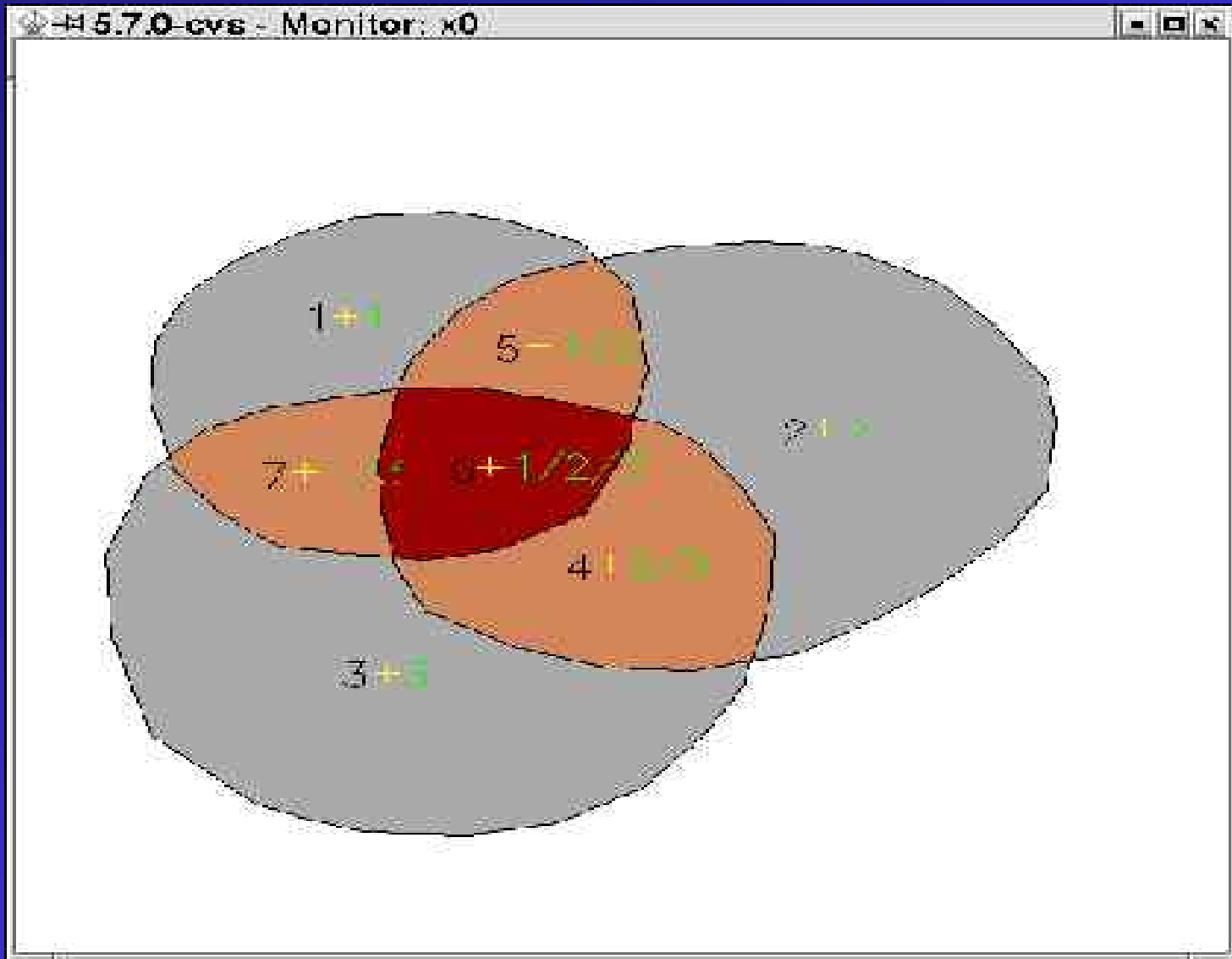
VŠB-TU Ostrava, HGF

tř. 17.listopadu

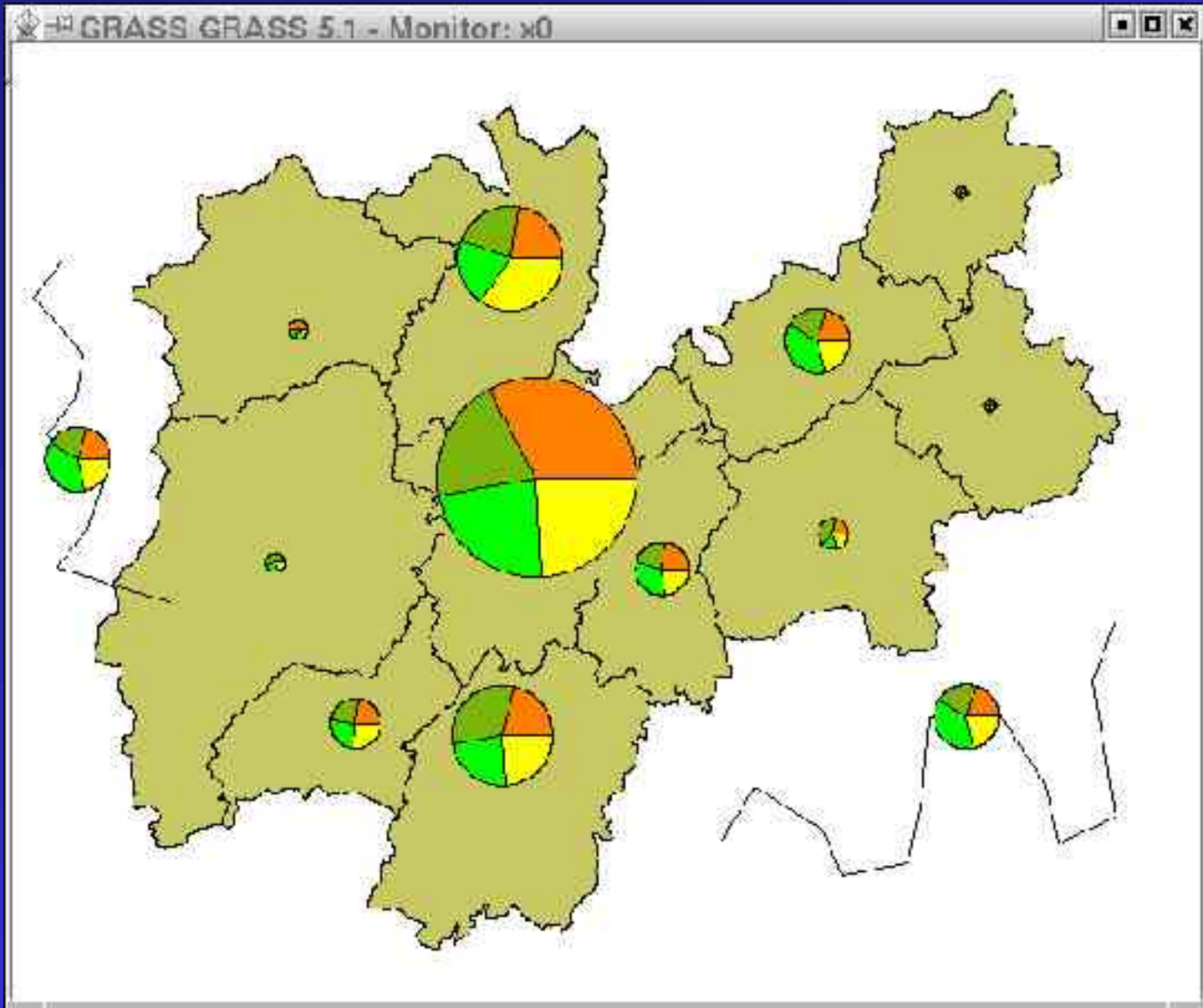
70833 Ostrava-Poruba

jan.ruzicka@vsb.cz

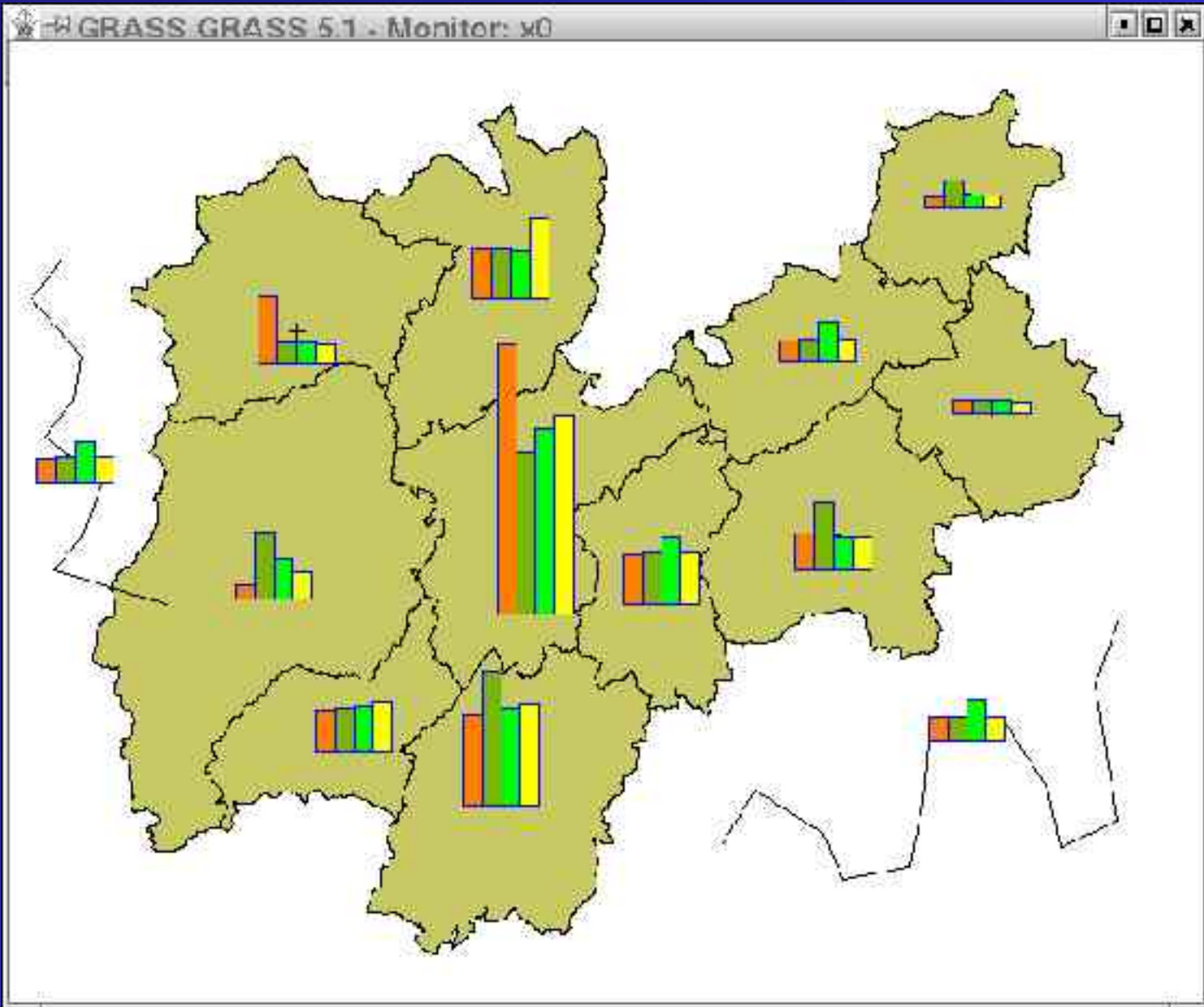
Regionová topologie



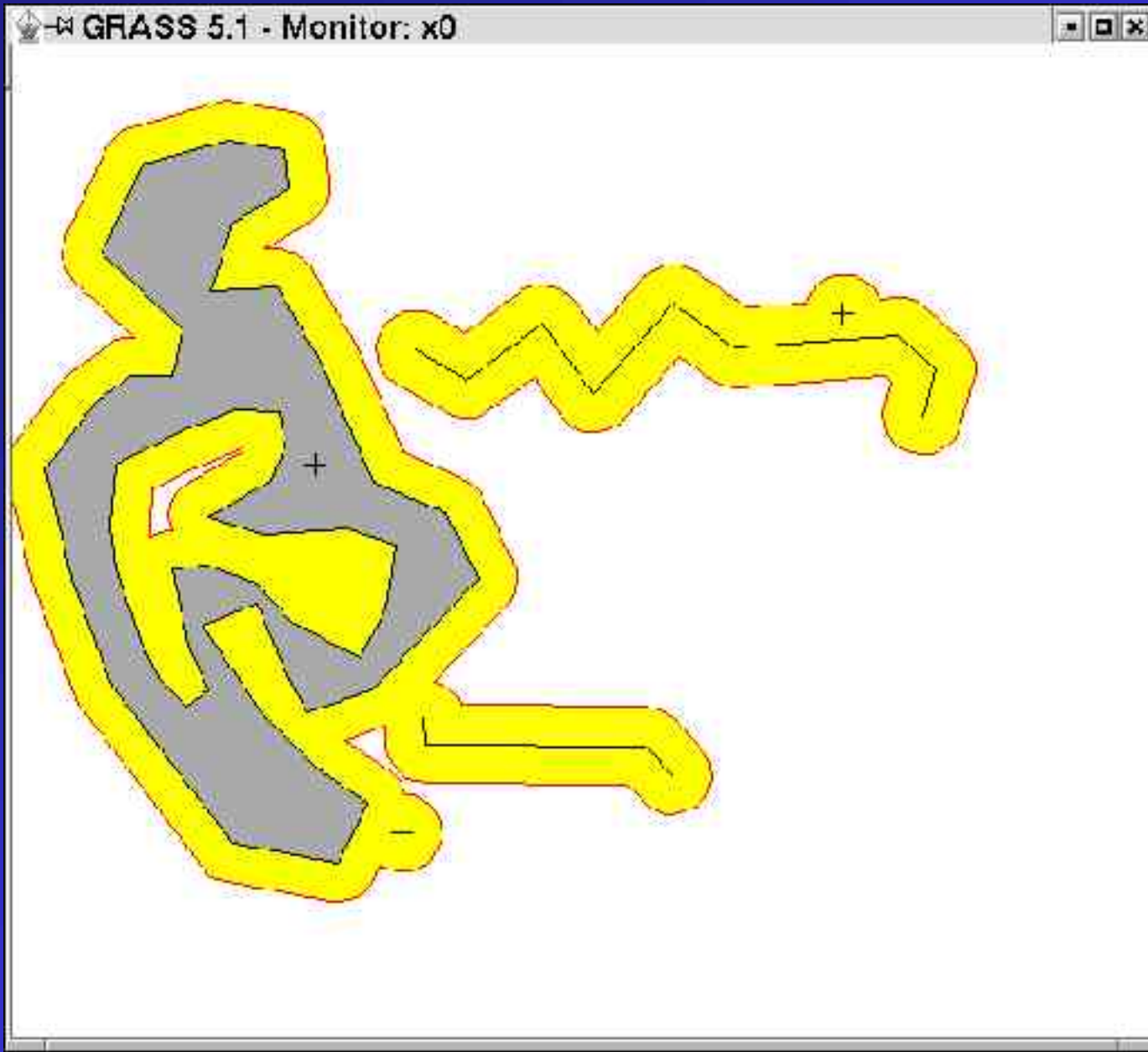
Pie chart



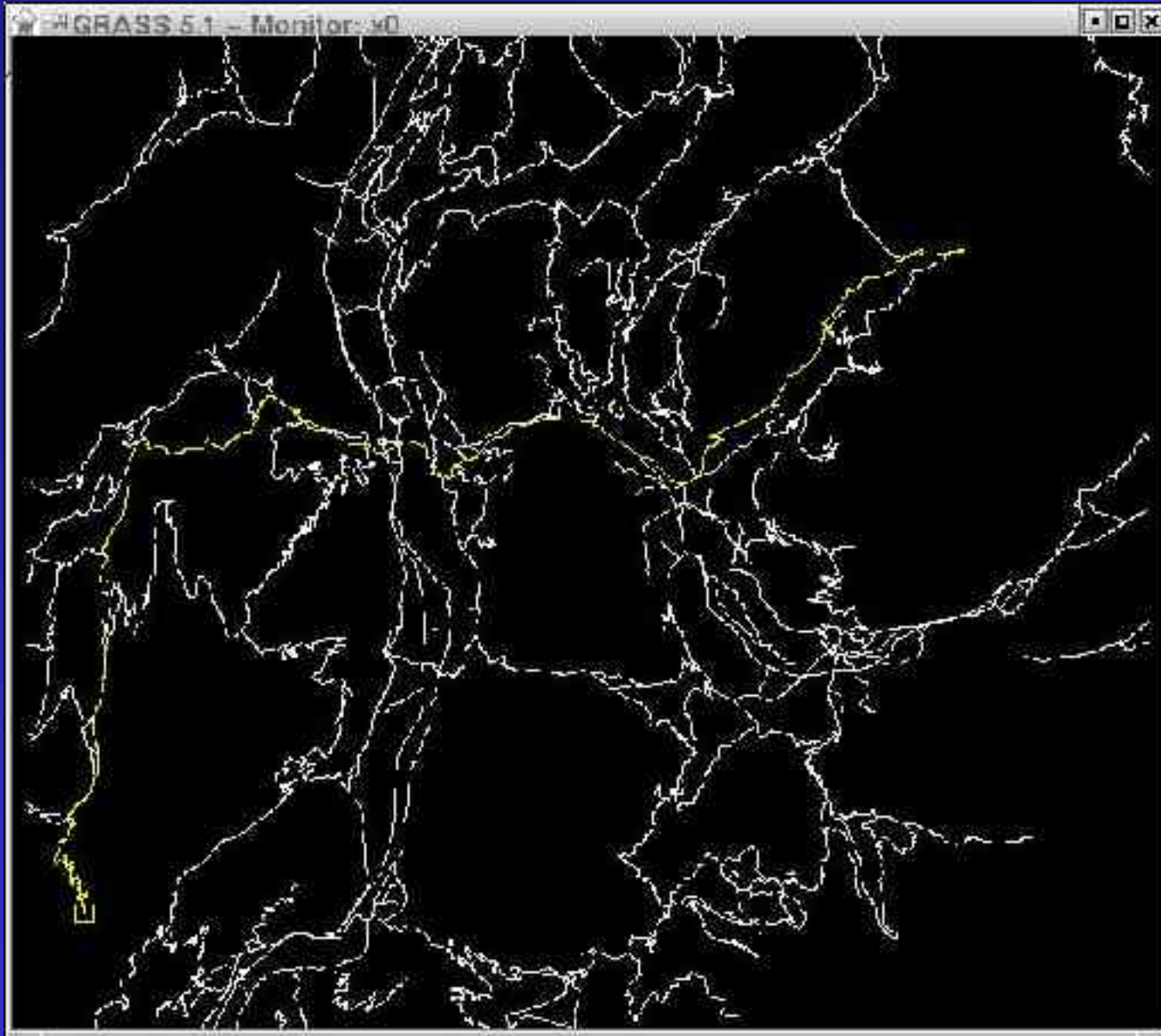
Bar chart



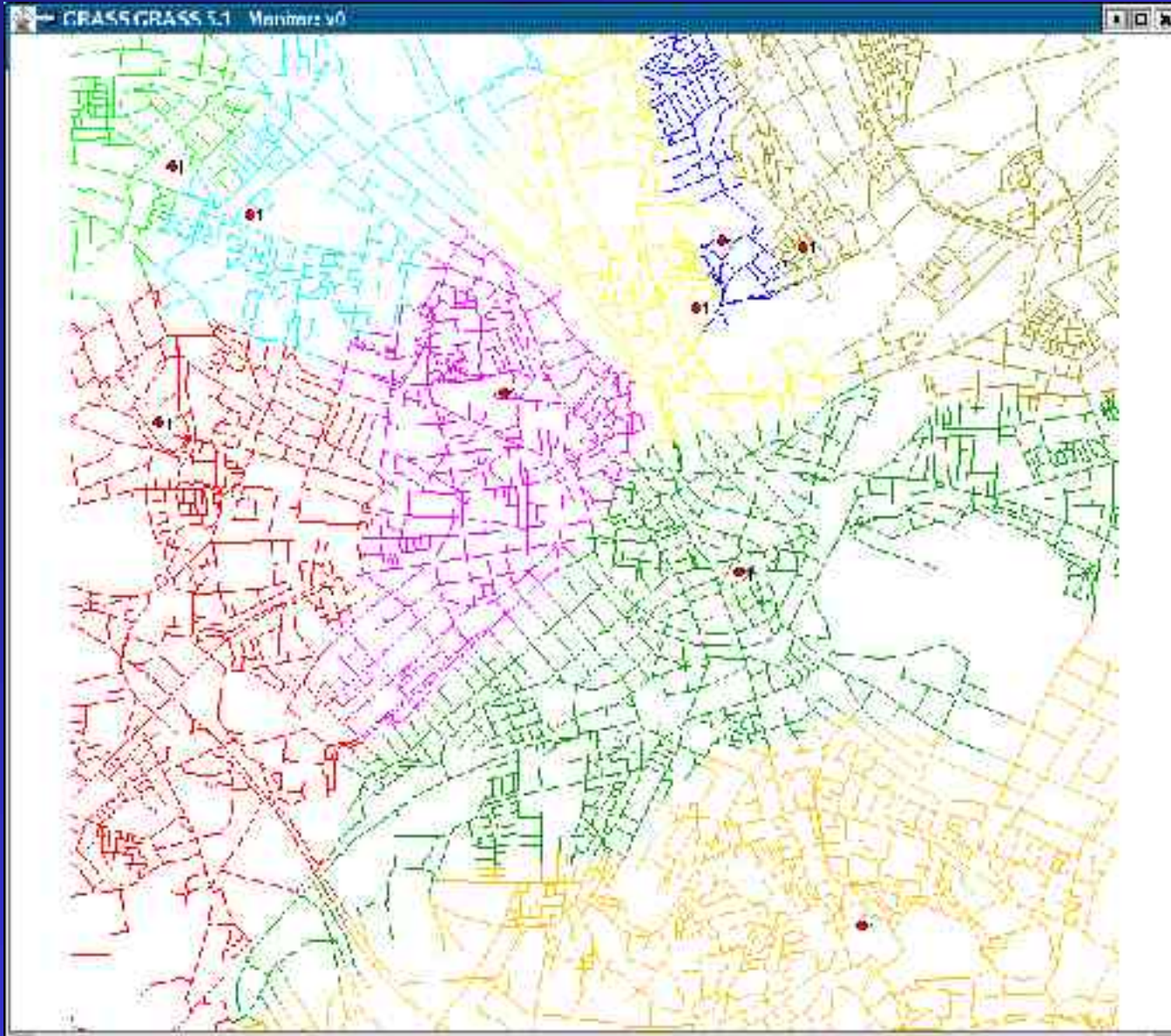
Buffer



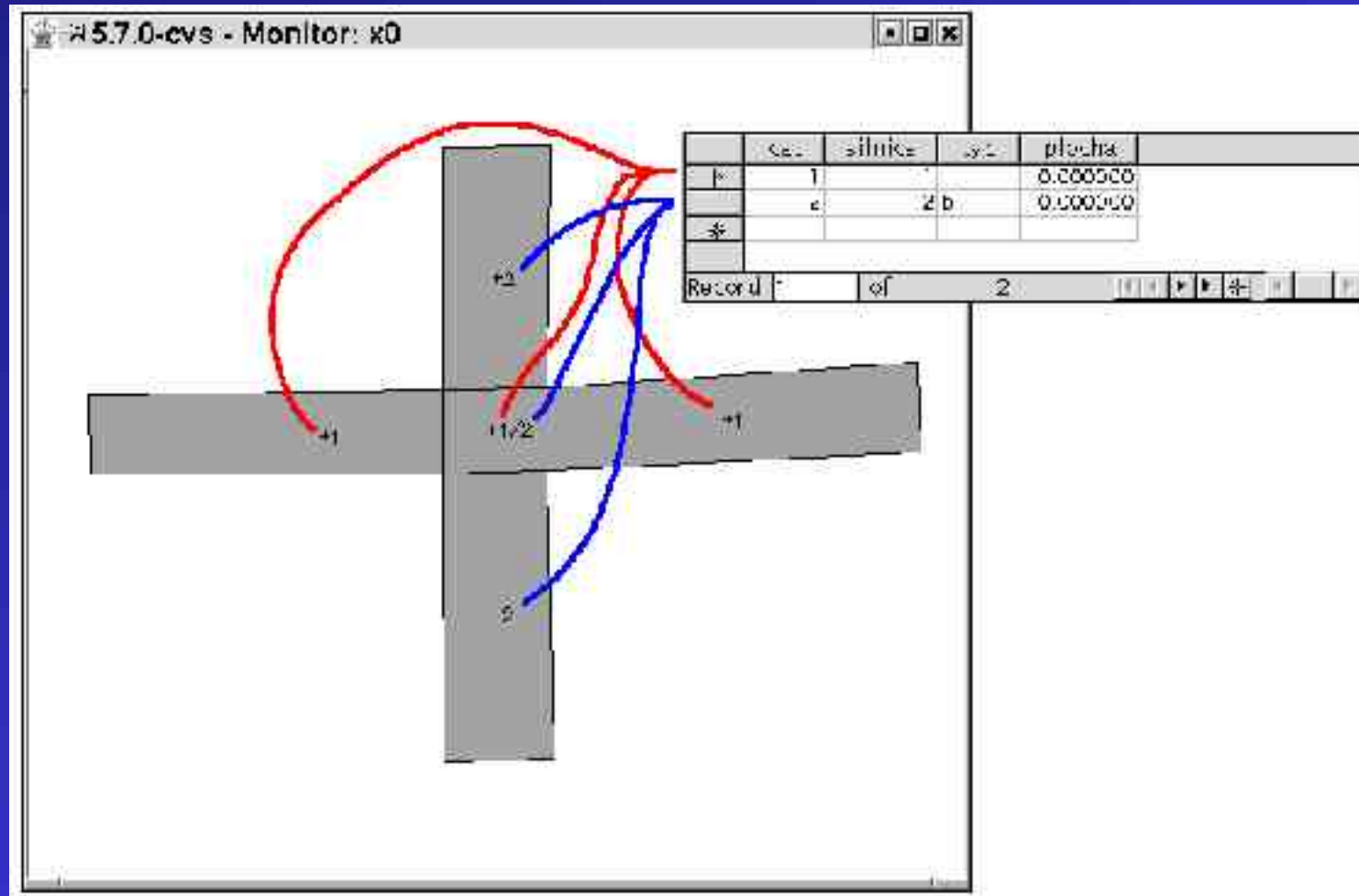
Nejkratší cesta



Dostupnost



Logika sítě



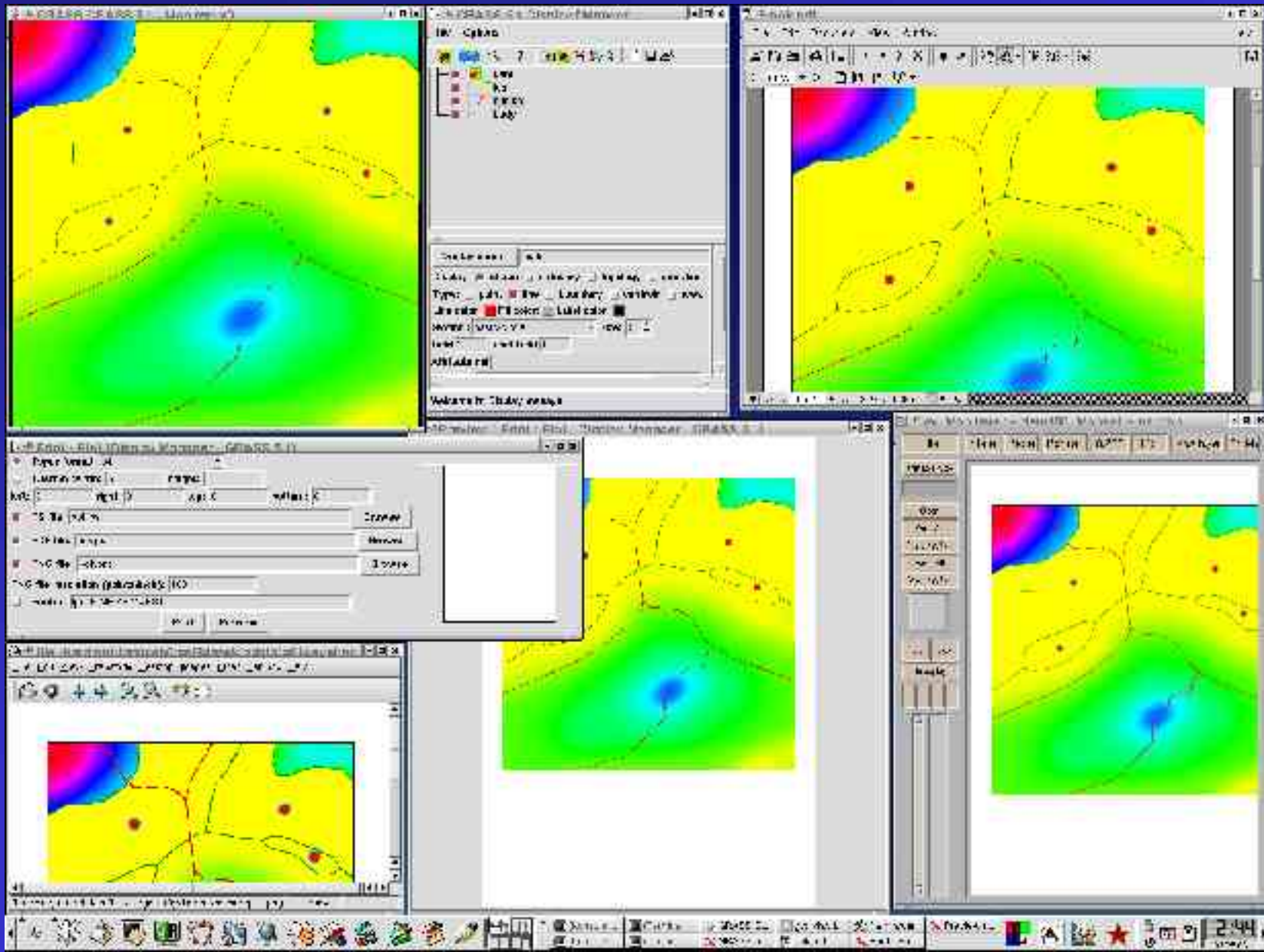
Ortofotomapa



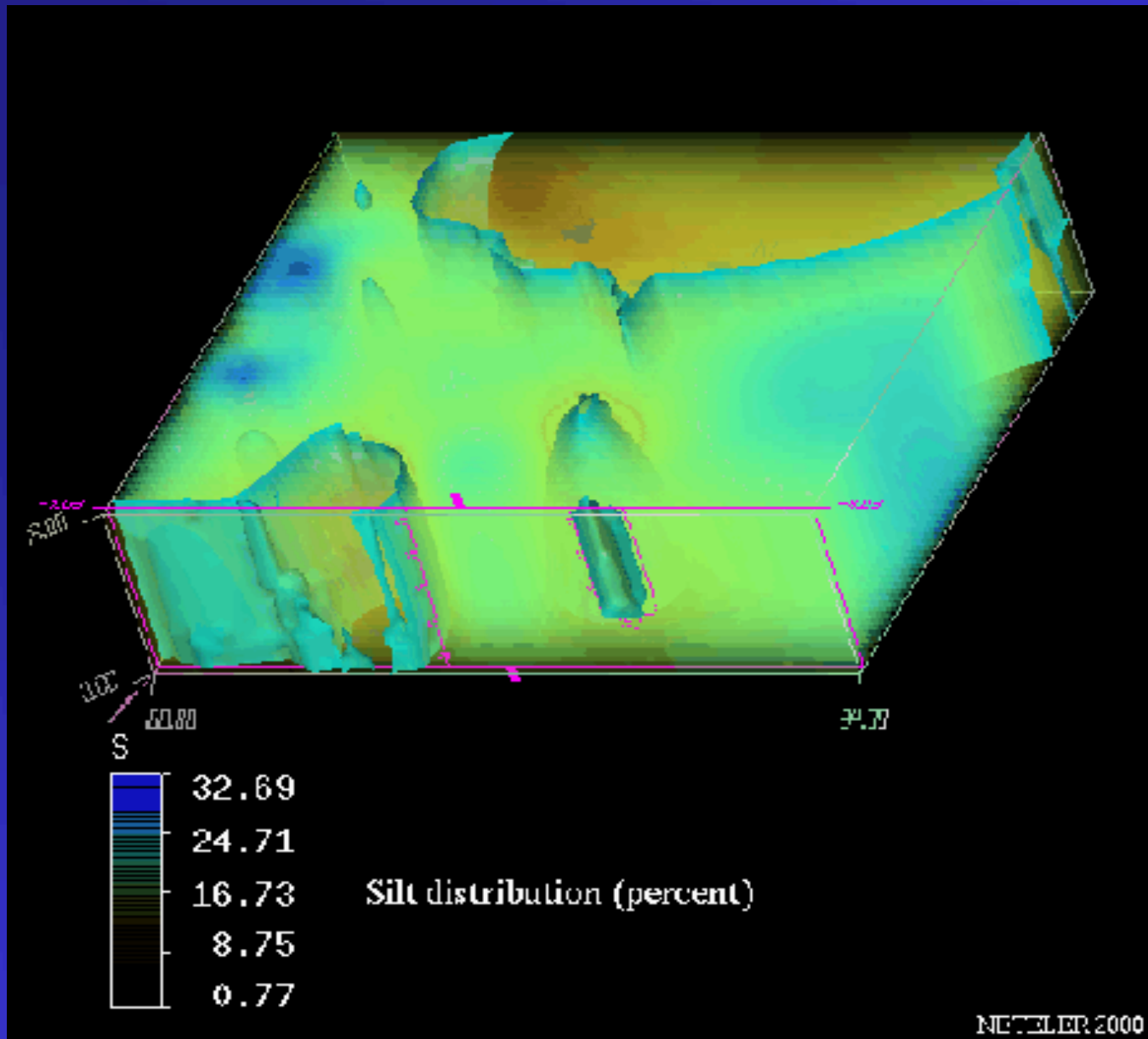
1000
900
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000

1000
900
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000

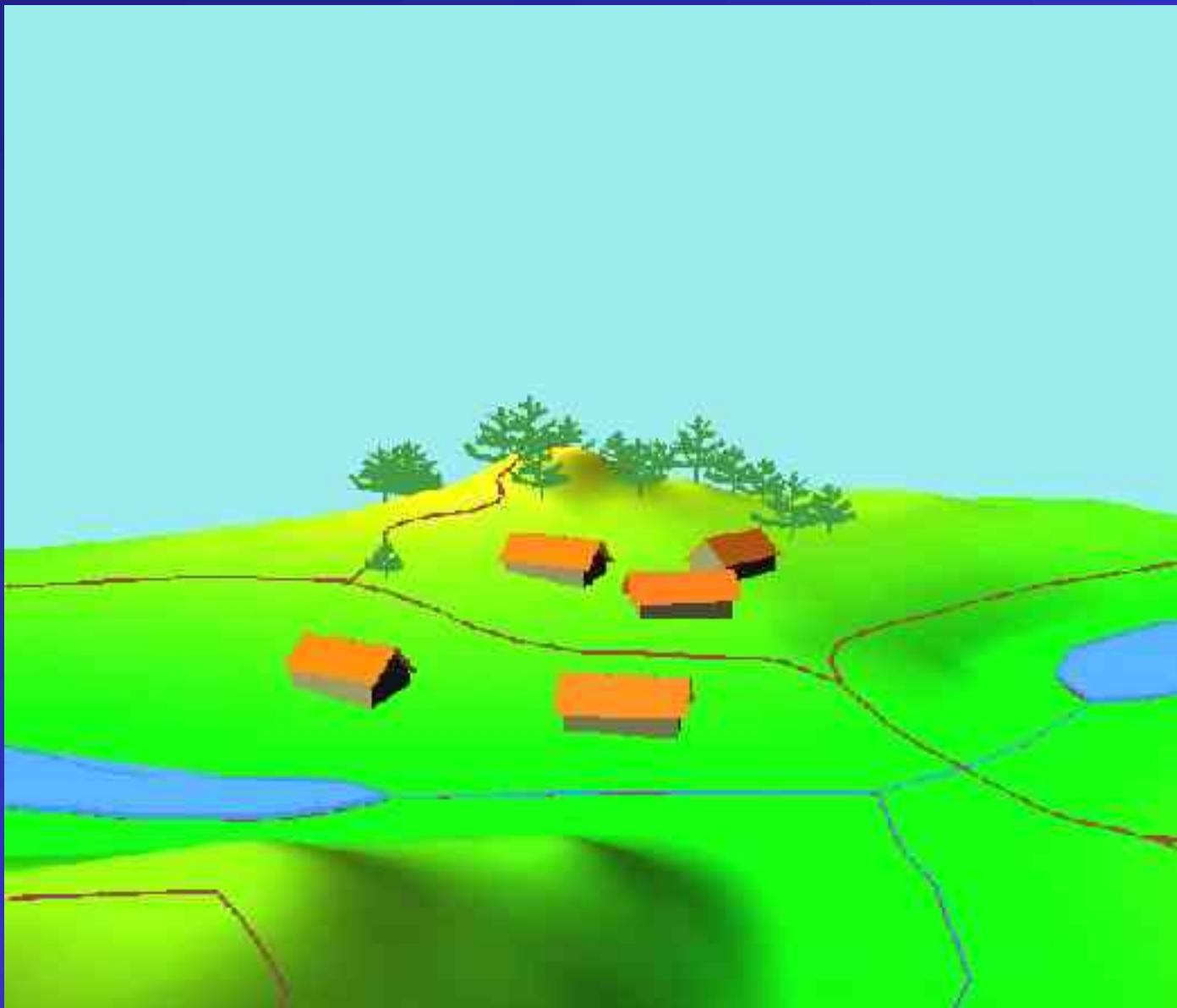
Tiskové výstupy



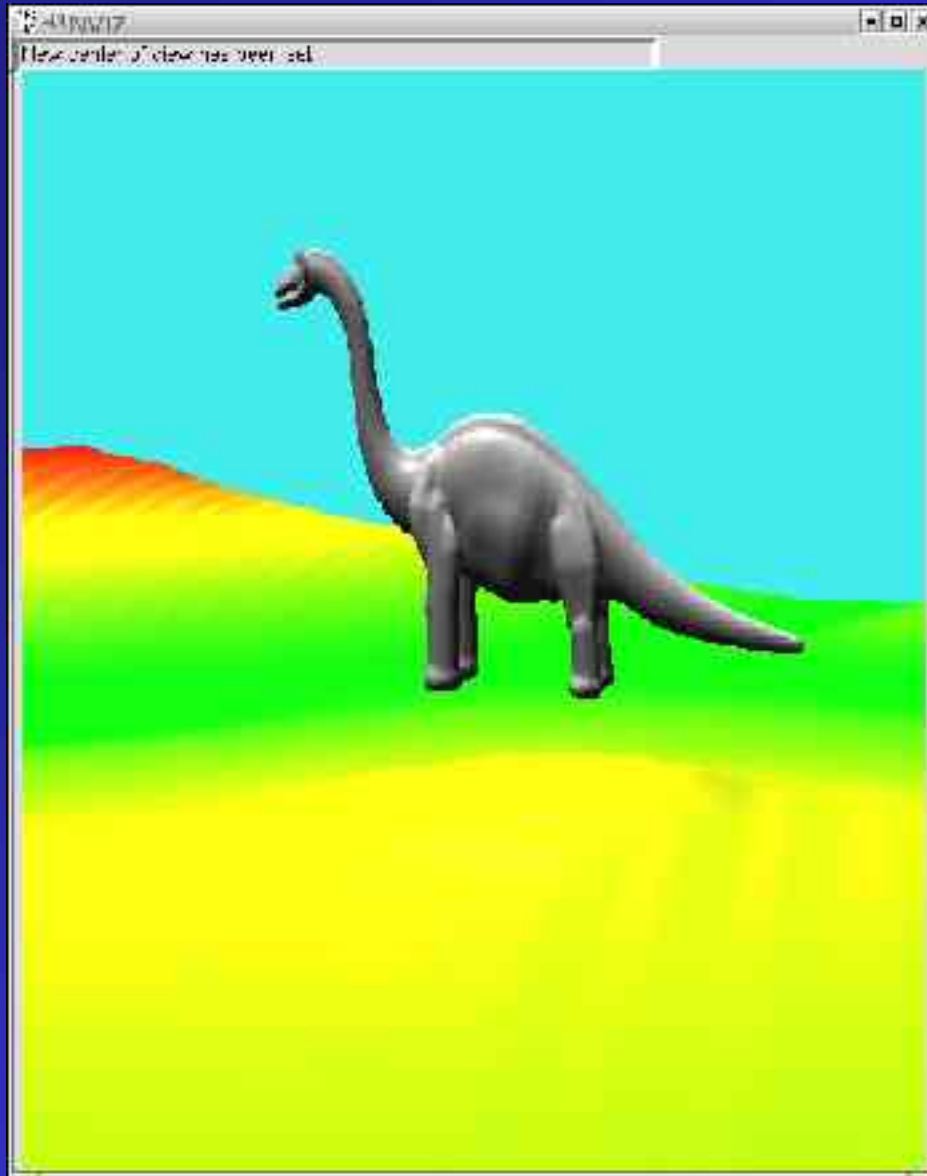
3D modelování



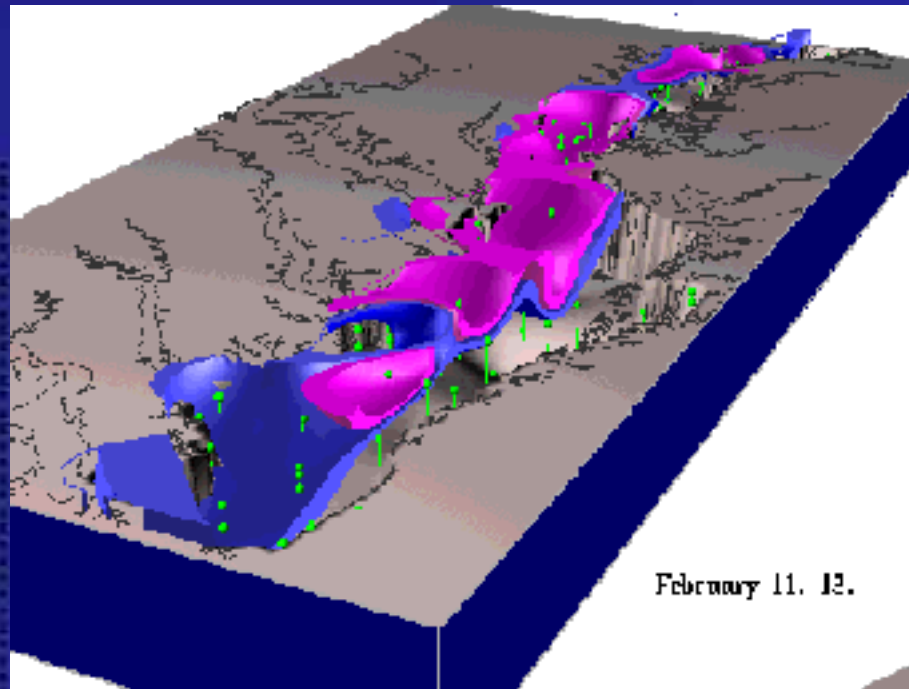
3D modelování



3D modelování



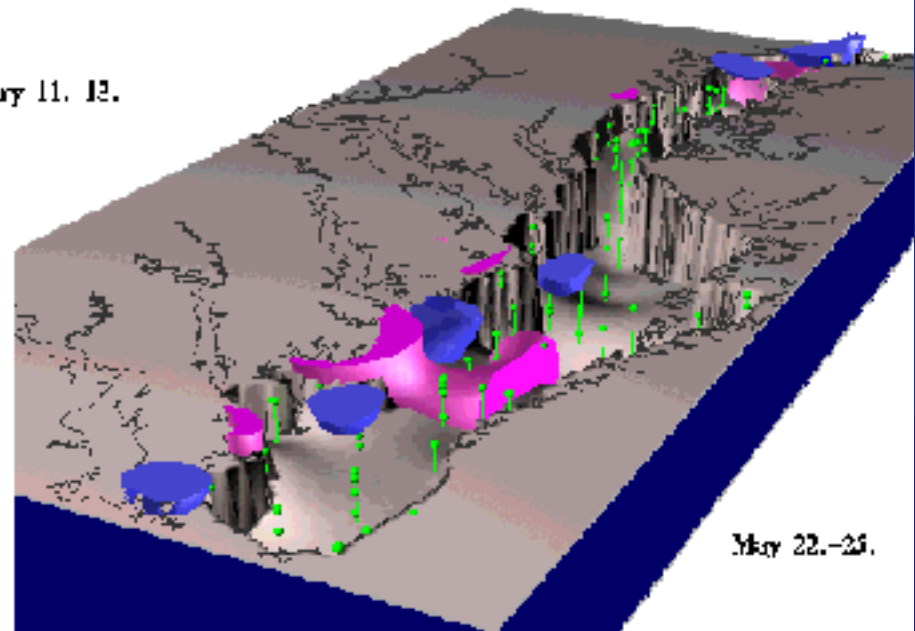
Interpolace ve 4D



February 11, 12.

Predictive error of interpolation

- $(-0.7, -0.05)$
- $(0.05, 0.7)$
- sampling points



May 22.-25.

Mapa v 3D zobrazení 1997

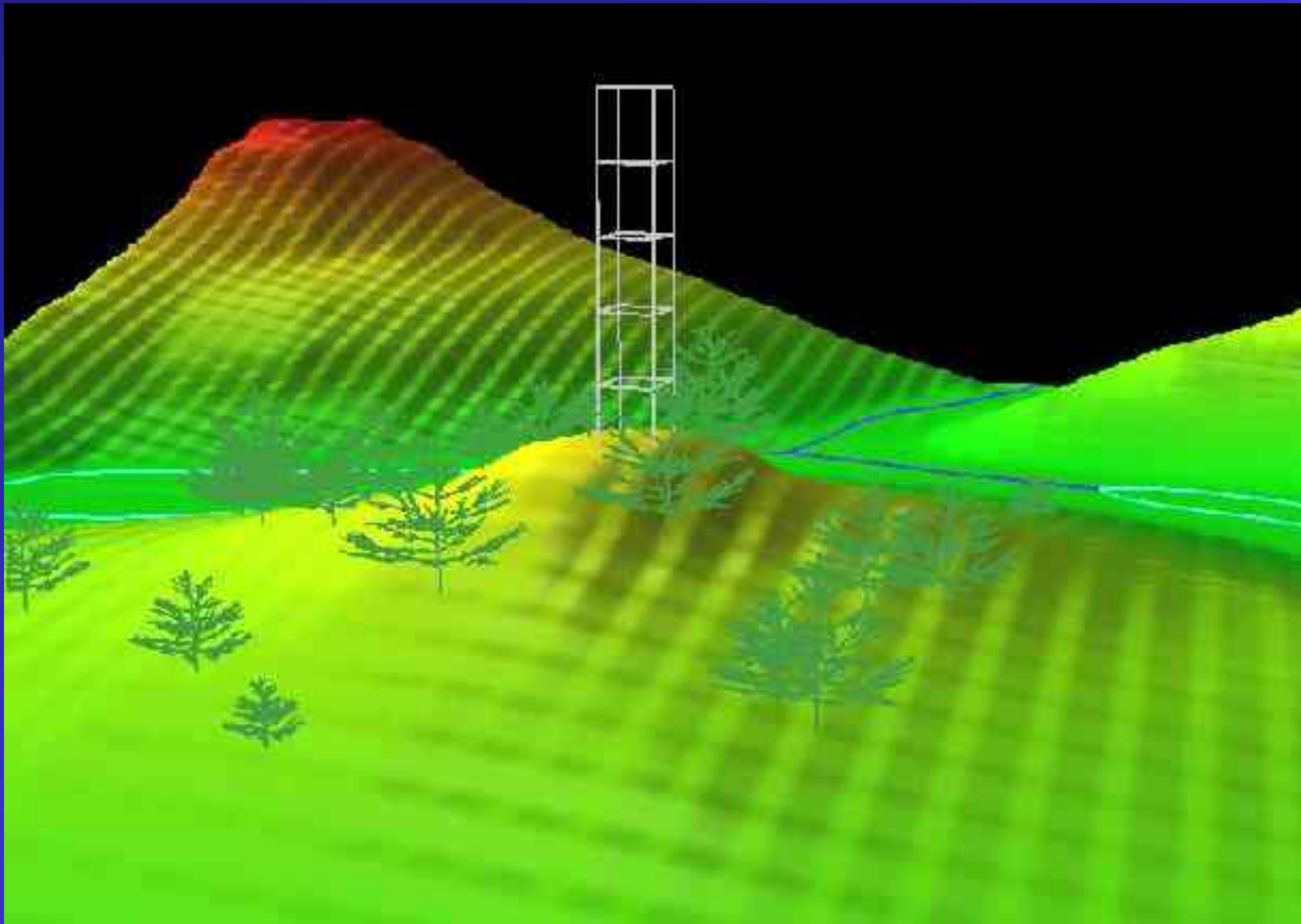
DMT



3D modelování



3D modelování



3D grid (voxel) modeling



Thresholds

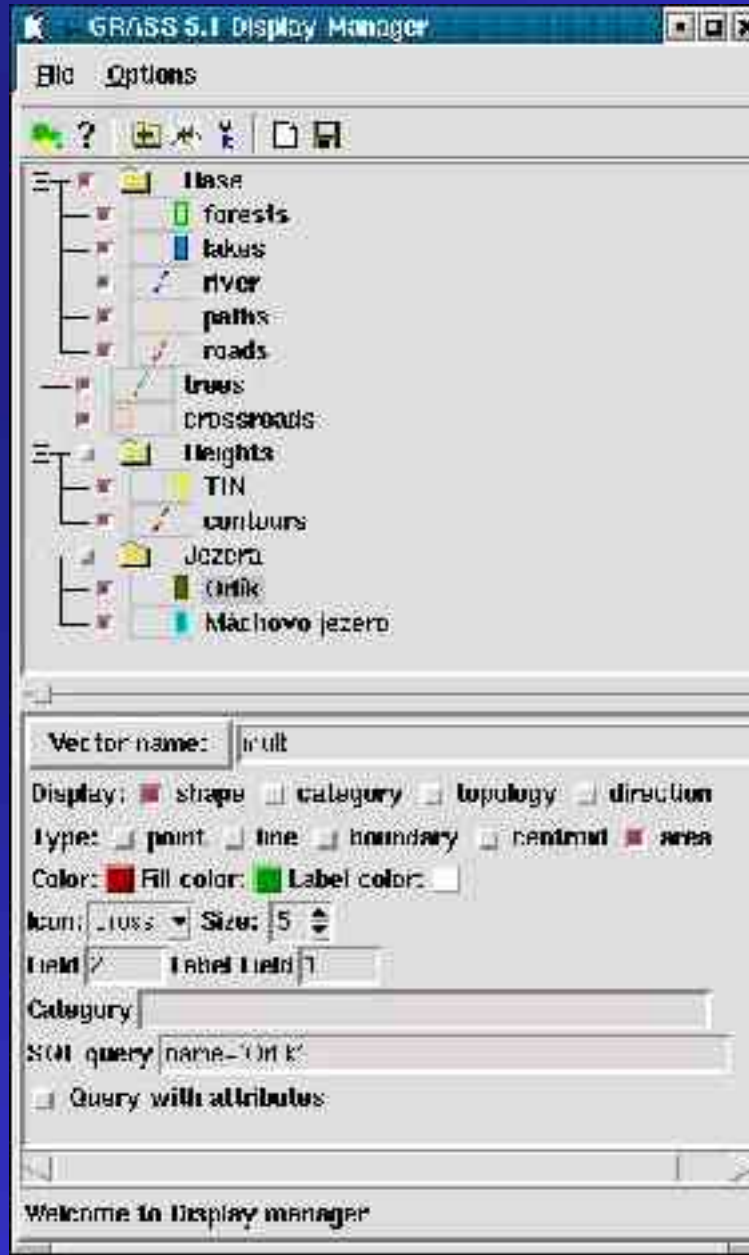
- Single
- Multiple
- Increase
- Decrease
- Threshold 1
- Threshold 2
- Threshold 3
- Threshold 4
- Threshold 5
- Threshold 6
- Threshold 7
- Threshold 8
- Threshold 9
- Threshold 10
- Threshold 11

grid3d

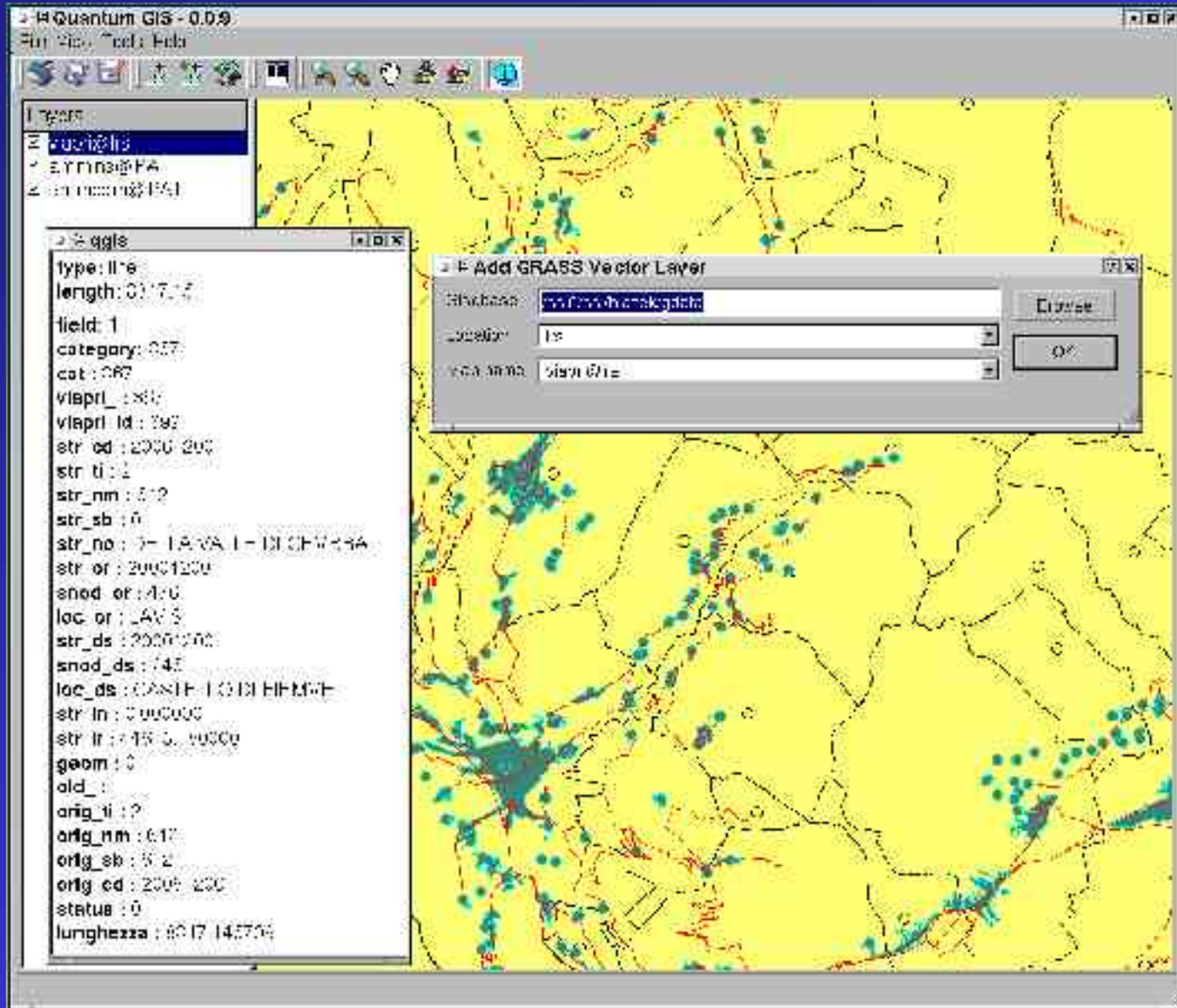
```
C: grass5\bin> g3d  
c: clear the display for 3d mode  
h: toggle 2d/3d grid usage  
H: toggle 2d/3d grid usage after title  
f: toggle frame the 3d grid after title  
d: draw  
q: quit  
h: help  
more details: man:labors from press return  
v 2.1  = 4.7  / 2002 Jan 28  /  Copyright 1997-2002  by the GRASS Development Team  
-----  
Use-Jobid 0 = 100000  
= Precision = 1 =  
01: Job: use  = 1 = 100000000  
02: Job: use  = 1 = 100000000  
03: Job: use  = 1 = 100000000  
-----  
Use-Jobid 1 = 000000  
Use-Jobid 2 = 100000  
Use-Jobid 3 = 010000  
Use-Jobid 4 = 010000  
1
```

**GRASS 5
grid3d
example**

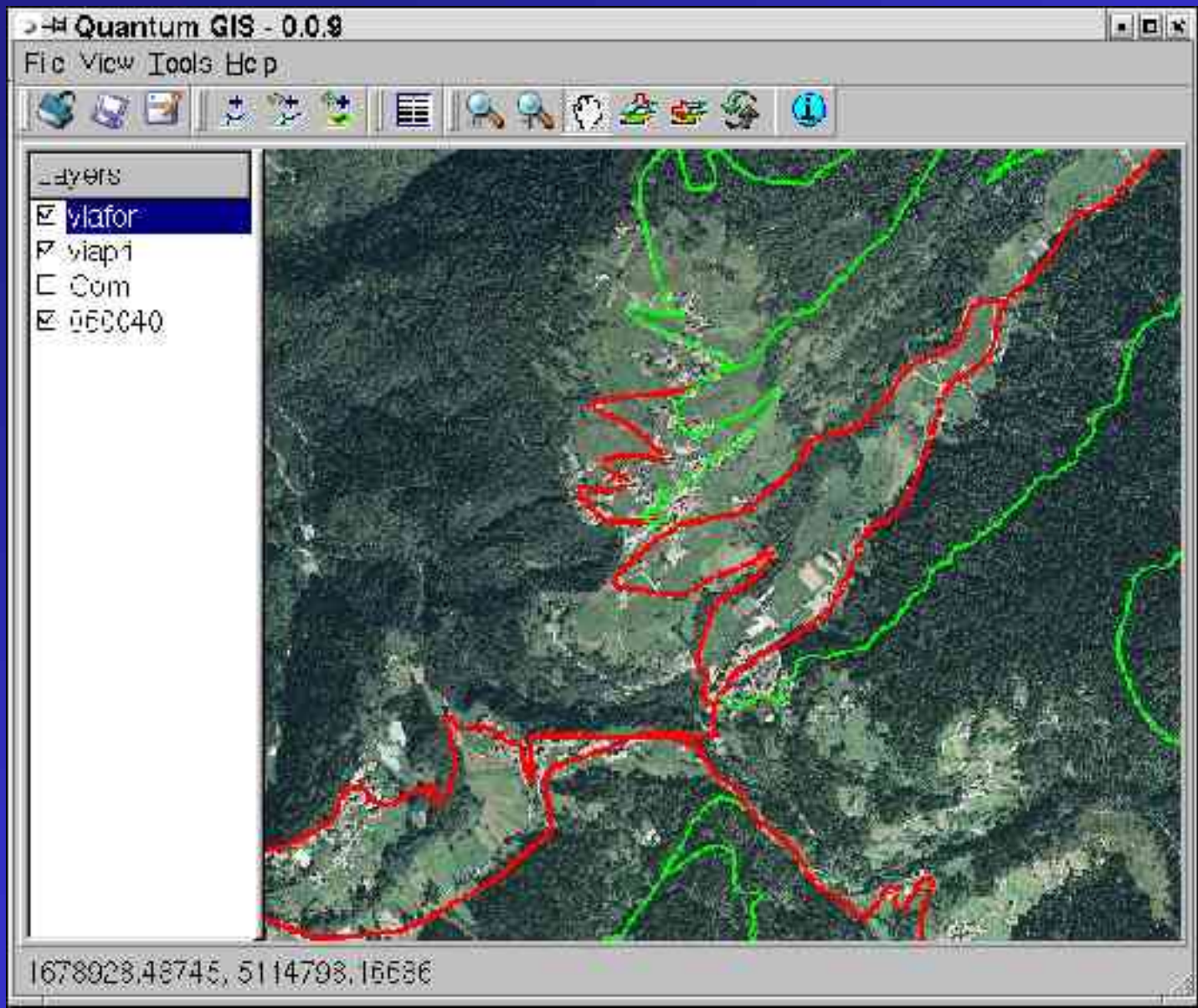
Display manager



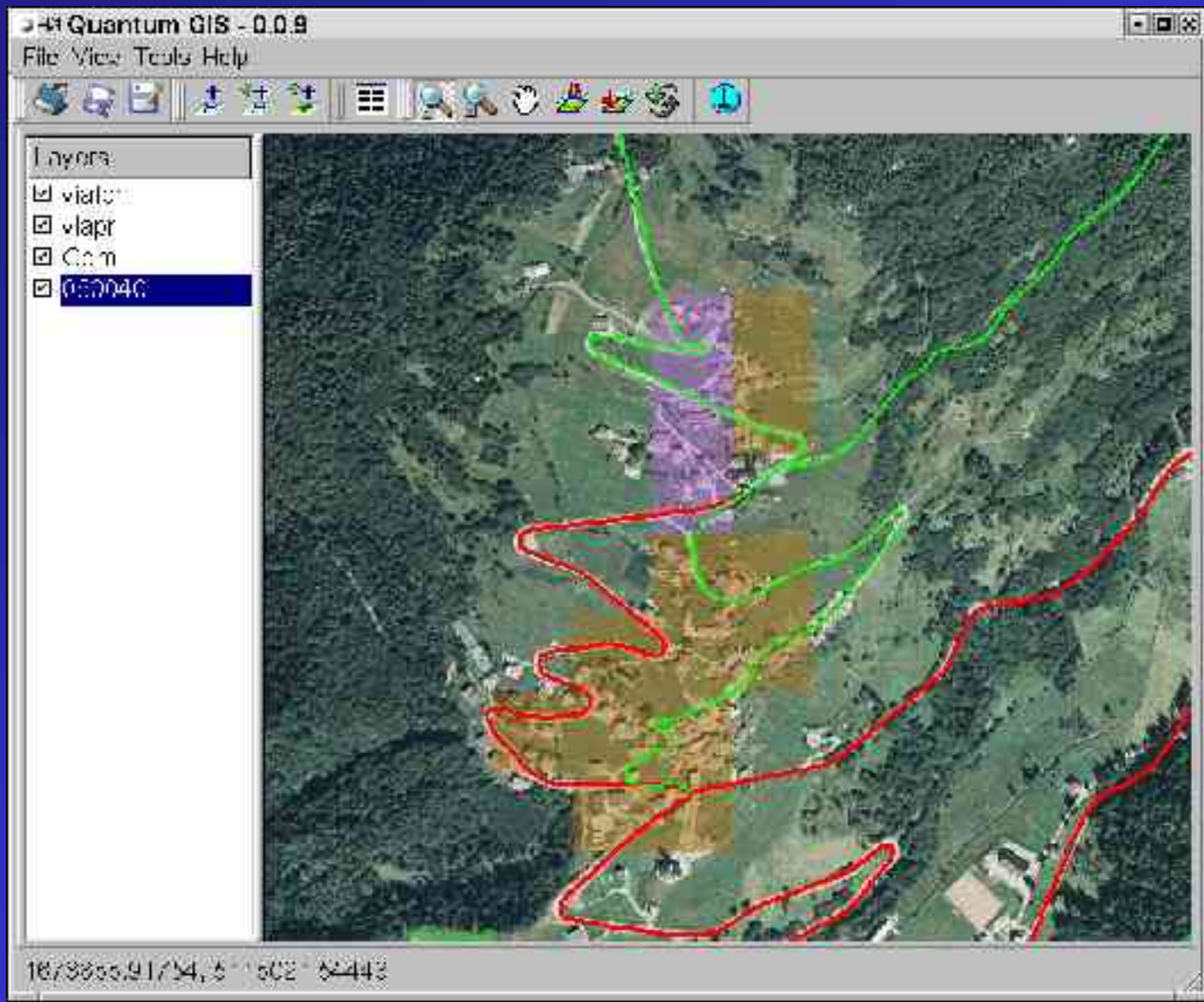
Quantum GIS



Quantum GIS



Quantum GIS



107955.91734, 5 - 502 - 5443

107955.91734, 5 - 502 - 5443

GRASS Pocket PC



GRASS Pocket PC

