

New Features in TerraModeler

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Various improvements

- Cell names extended from 6 to maximum of 79 character length
- Support for **Scale elevations** option for editable model from laser points

Contour improvements

- Contour labels rotated **North up**
- Own symbology for depression contours

Contour label options

Place label

Label: All contours

Position: Above contour

Rotation: North up

Every: 50.000 m along contour

Level and symbology

Use: Own settings

Level: 49

Style: —

Weight: —

Format

Prefix:

Suffix:

Accuracy: 0.12

Display plus

Display minus

OK Cancel

Contour options

Color by: Contour type

Hills	Minor:	50		—	—
	Basic:	50		—	—
	Major:	50		—	—
Depressions	Minor:	51		—	—
	Basic:	51		—	—
	Major:	51		—	—

Only selected domains

Only elevations : 0.000 - 0.000

Minimum area : 10.00

Build complex chains

Smoothing

Thin by removing points if

Distance < 5.000 m

Deviation < 1.000 m

Turn angle < 20.0 degrees

OK Cancel



Region handling

- Region handling tools
- Simplifies region creation:
 - draw linear boundary elements
 - identify region center points
 - software finds boundaries and updates regions polygons in a single operation
 - surface area labeling
 - color fill
 - boundary and area patterning

Exclude Any Long Triangles

- Setting in **Triangulate surface** dialog which opens at surface model creation
- Automatically treat empty areas inside the surface model as holes

Triangulate surface

Surface: ▼

Fence contents

Exclude outer boundaries: ▼

Longer than: m

Exclude any long triangles

Longer than: m

Ignore point too close to another

Minimum point distance: m

Generate points along breakline

Every: m

Filter error points

Draw on level:

Display Shaded Surface

- **Transparent** drawing mode removed due to MicroStation bug (**Opaque** worked)

