



The Department of Landscape Water Conservation

The particular fields of interest are mathematical modeling of rainfall-runoff processes, soil erosion, transport processes, soil hydrology and GIS.

<http://storm.fsv.cvut.cz/?lang=en>

 **Repositories** 3

 Packages

 People

 Projects

Type: All ▾

Language: All ▾

smoderp2d

SMODERP2D - Distributed event-based model for surface and subsurface runoff and erosion

surface-runoff

soil-erosion

gis-based

 Python  GPL-3.0  0  0  27 (1 issue needs help)  0 Updated 17 hours ago

smoderp2d-publications

SMODERP2D-related publications

 TeX  0  0  0  0 Updated on Aug 29

smoderp2d-manual

Manual of the rainfall-runoff/erosion model SMODERP2D (in Czech)

Top languages

 TeX  Python

People

This organization has no public members. You must be a member to see who's a part of this organization.

GitHub - storm-fsv-cvut/smoderp2d

github.com/storm-fsv-cvut/smoderp2d

storm-fsv-cvut / smoderp2d

Watch2

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Insights

SMODERP2D - Distributed event-based model for surface and subsurface runoff and erosion

surface-runoff

soil-erosion

gis-based

578 commits

9 branches

0 packages

0 releases

5 contributors

GPL-3.0

Branch: master

New pull request

Find file

Clone or download

landam

avoid duplication (stream_rst -> stream_seg)

bin

arcgis: move output folder to data directory

img

readme: re-organize how to test section

smoderp2d

avoid duplication (stream_rst -> stream_seg)

tests

comments in rainfall.txt and rm srazka.* #63

utils

add plotting r script #49

.gitignore

GRASS data provider updates, stream preparation partialy working

LICENSE

Initial commit

README.md

update QGIS project and GRASS usage to test data in English, see #61

setup.py

apply pep8, see #14

14 days ago

5 months ago

3 years ago

13 days ago

2 years ago

Clone with HTTPS

Use Git or checkout with SVN using the web URL.

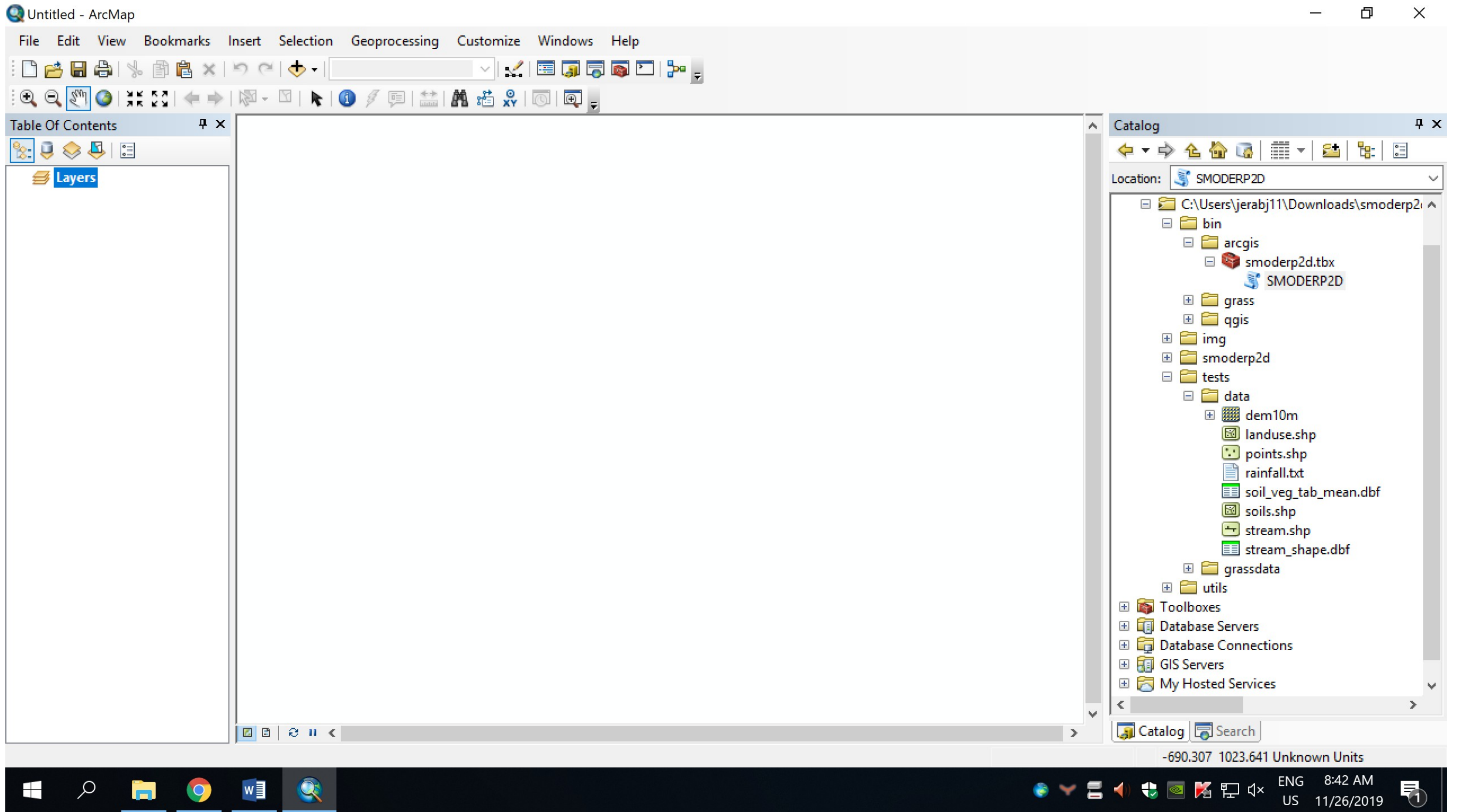
https://github.com/storm-fsv-cvut/smoder

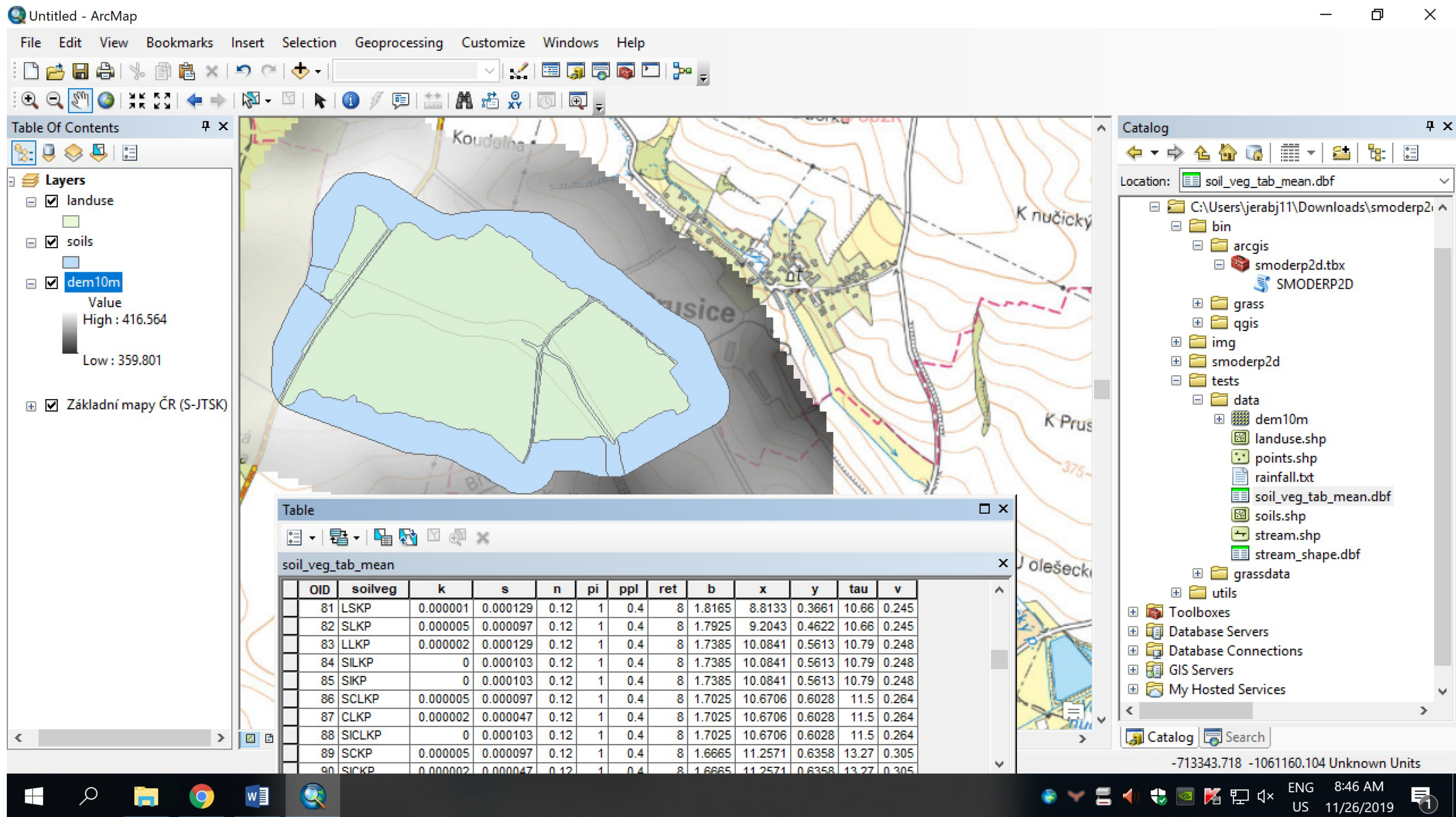
Open in Desktop

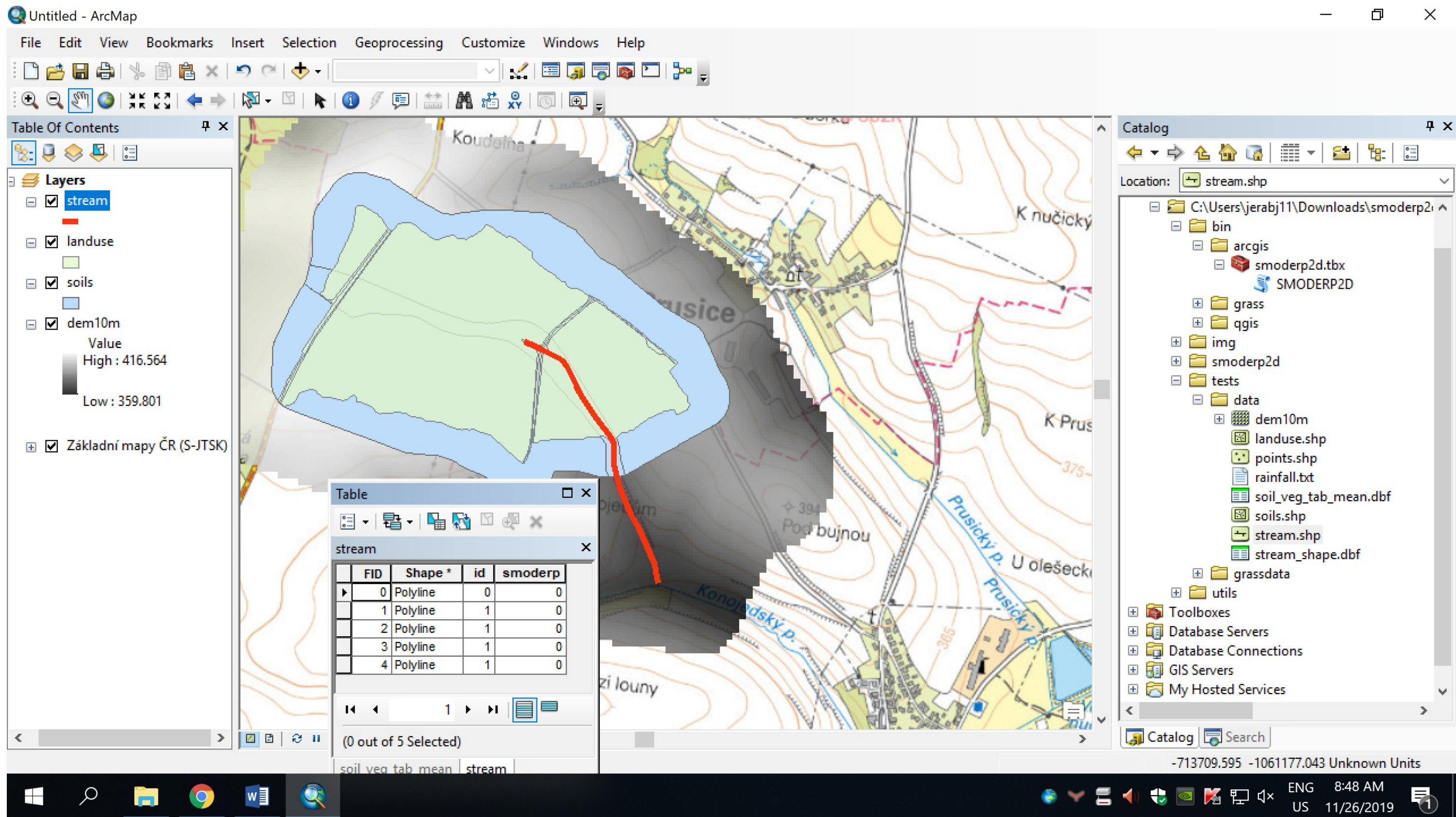
Download ZIP

https://github.com/storm-fsv-cvut/smoderp2d/archive/master.zip

Windows taskbar with icons for Explorer, Chrome, Word, and system tray showing date and time.







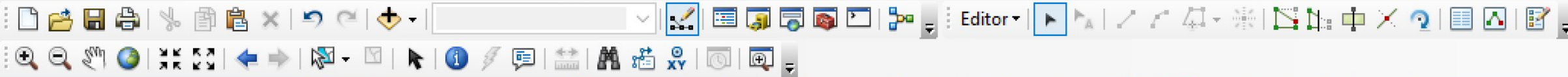
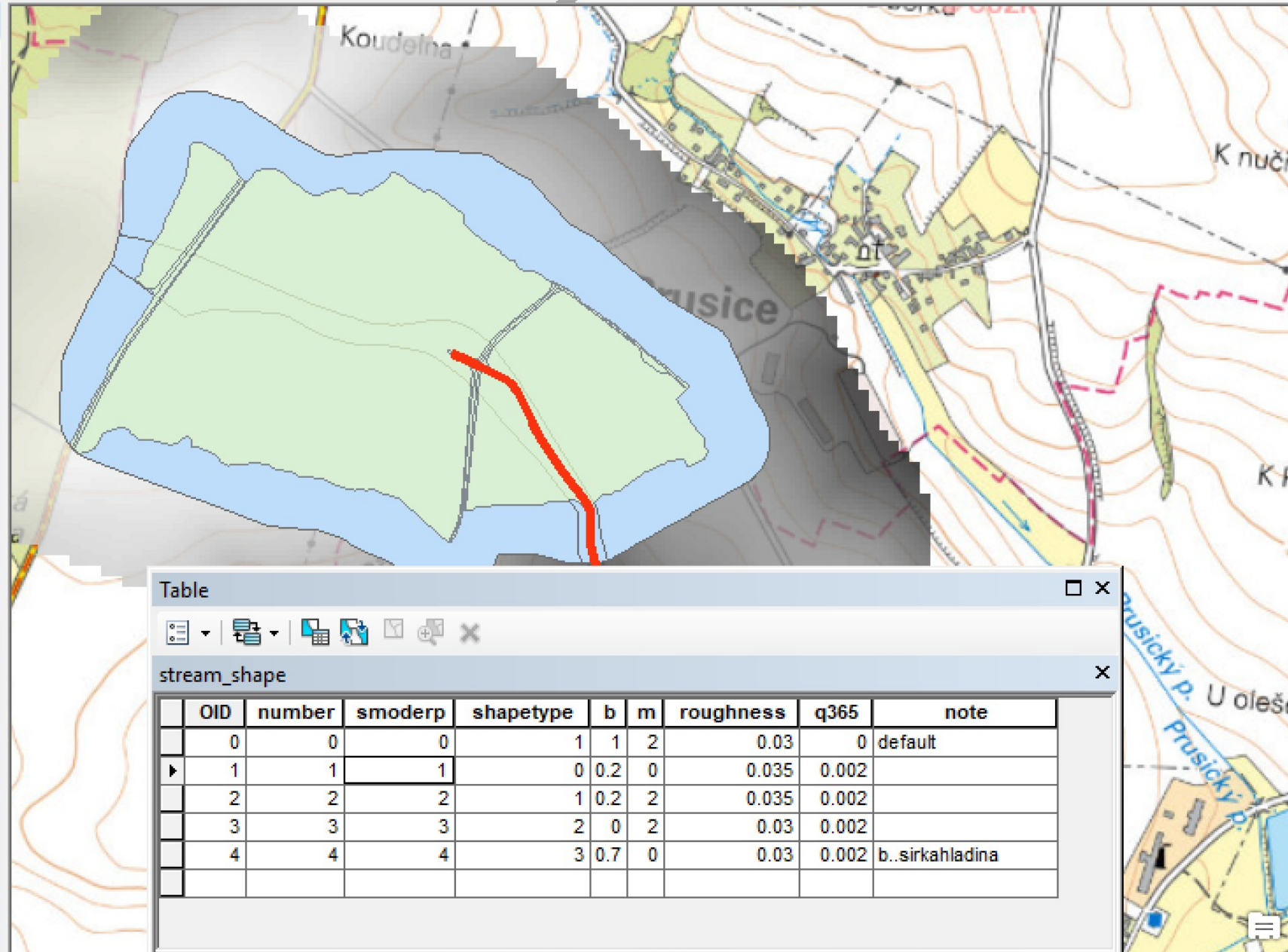


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 - stream
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 - soils
 - soil_veg_tab_mean
 - stream_shape
 - C:\Users\jerabj11\Downl...
 - dem10m
 - Value
 - High : 416.564
 - Low : 359.801
 - Základní mapy ČR (S-JTSI)



Table

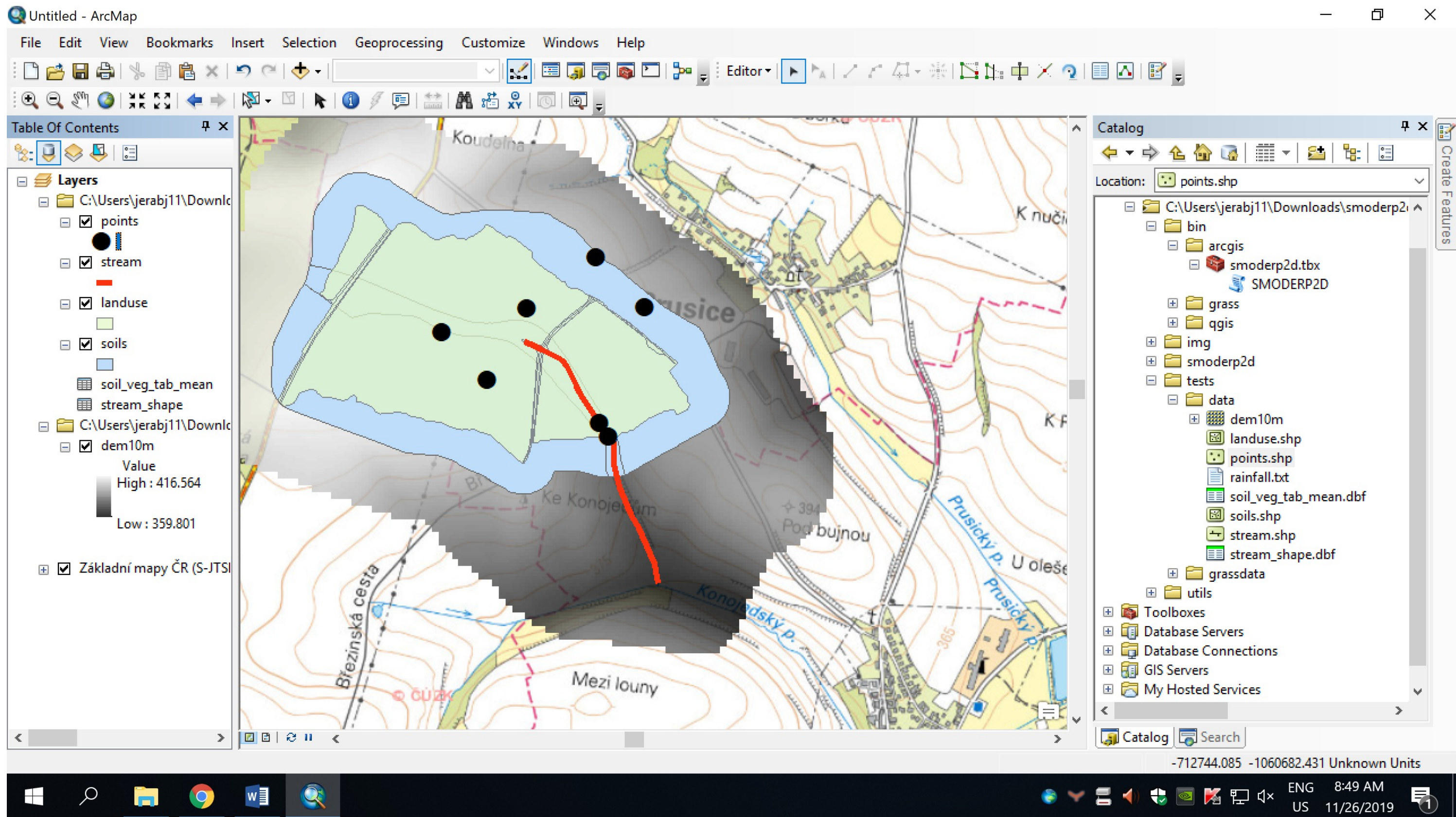
stream_shape

	OID	number	smorderp	shapetype	b	m	roughness	q365	note
	0	0	0	1	1	2	0.03	0	default
▶	1	1	1	0	0.2	0	0.035	0.002	
	2	2	2	1	0.2	2	0.035	0.002	
	3	3	3	2	0	2	0.03	0.002	
	4	4	4	3	0.7	0	0.03	0.002	b..sirkahladina

(0 out of 5 Selected)

Catalog

- Location: stream_shape.dbf
- C:\Users\jerabj11\Downloads\smorderp2...
 - bin
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Untitled - ArcMap

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SMODERP2D

Input surface raster
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_...

Input soil polygon features
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Soil types
SID

Input land use polygon features
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Land use types
LandUse

Rainfall file
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Max time step [sec]
30

Total running time [min]
30

Input points features (optional)
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Output folder
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Table of soil and land use information
C:\Users\jerabj11\Downloads\smoderp2d-clean_up_input_data_issue_63\smoderp2d-clean_up_input_...

Soil land use code
soilveg

Reach feature (optional)

OK Cancel Environments... Show Help >>

Catalog

Location: SMODERP2D

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-713699.432 -1060408.023 Unknown Units

ENG 9:23 AM
US 11/26/2019