Blended learning

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Matjaž Lobnik / producer
piktorama.si
Blended learning is an education program (formal or non-formal) that combines online digital media with traditional classroom methods.
International interdisciplinary summer school

INTERNATIONAL SUMMER SCHOOL
ENVIRONMENTAL PROTECTION
Ljubljana, June 27th–July 17th, 2016

INTERNATIONAL SUMMER SCHOOL
NATURAL DISASTERS
Ljubljana, Slovenia
May 21st–June 10th, 2017

Ljubljana, European Green Capital 2016

Catastrophic flood in Bosnia in 2014 (archive UL FGG)
Lidar DEM-based terrain roughness analysis for landslide characterization

Timotej Verbovšek

Published: 11.05.2017
Course: online course 2017

Geological setting

14:18
Timotej Verbovšek

Landslides in the Vipava Valley

26:22
Timotej Verbovšek
Lidar DEM-based terrain roughness analysis for landslide characterization

Timotej Verbovšek & Tomislav Popić

Readings linked to lecture:

COMPARISON OF METHODS FOR GEOMORPHOMETRIC ANALYSIS OF SURFACE ROUGHNESS IN THE VIPAVA VALLEY

Papers and references in the papers:
http://www.rmf-mg.com/tetnik/rmz60/RMZ60_0197-0204.pdf
http://dx.doi.org/10.1016/j.geomorph.2013.09.010
http://dx.doi.org/10.15292/geodezetski-vestnik.2016.02.227-240
http://dx.doi.org/10.1007/s10346-017-0815-x


Links:
http://www.nf.uni-lj.si/ptimotej-verbovesk/
http://gis4geomorphology.com/roughness-topographic-position/

Lecturers / Timotej Verbovšek

University of Ljubljana, Faculty of Natural Sciences and Engineering

Lectures (3333-LL): 2017-2018 assistant professor (assistant)
2016-present: assistant professor (associate)
2013-present: associate professor

Employment:
2013-2015: Young researcher
2009-2013: assistant and associate professor at University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Geology. During the postdoc project (May 2008-May 2012) employed as researcher.

Research and Interests:
- Geophysical, GIS, and cartography, geomorphometry, landform analysis and remote sensing.

Languages spoken:
- Slovene, English, German

Current Professional Affiliations:
- Geophysical program (BSc degree, UL, NTF): 301 in geology, Engineering geology
- Geology program (MA degree, UL, NTF): Applied Engineering geology, Computer methods in geology, Rock mechanics, Geology of North Z
- Geology program (PhD degree, UL, NTF & UL FGG): Fractal and related computer methods in geology, Karstic processes and karstology.
An integrated methodology to develop a standard for landslide early warning systems

Teuku Faisal Fathani

Published: 05.06.2017
Course: face to face 2017
Preparation for final Test

Question 5 of 10

NATECH are:

- natural disasters that can trigger technological disasters
- natural disasters that can trigger another natural disaster
- technological disasters that can trigger natural disasters
- technological disasters that can trigger another technological disaster

Submit
Process type identification: In torrential catchments in the eastern Alps
Micha Heisser
Published: 15.06.2017
Course: student workshop 2017

Abstract: Torrential hazards are omnipresent in the alpine regions, as it frequently causes damage to infrastructures. In some cases, even people’s lives are endangered. The classification of these processes takes place according to factors like sediment concentration and flow behaviour and ranges from fluvial process types, including water floods and fluvial sediment transport processes, to fluvial mass movements such as debris flows. Following the hypothesis of this study, a contrast exists between basic geomorphological disposition parameters and potential dominant flow process types in a steep headwater catchment.
Conclusion

- Lecturers / good video presentations, right visual tools, connect with students

- Students / prerecorded lectures, interaction with professors, gain an experience of making video presentations

- Improvements / media trainings, right visual tools, different concepts of interaction and presentations.
Thank you

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