

Dr. Matija Zorn (Slovenia)

Assistant Director
Head of the Department of Physical Geography
Anton Melik Geographical Institute
Research Centre of the Slovenian Academy of Sciences and Arts
Novi trg 2, SI – 1000 Ljubljana
Slovenia

E-mail: matija.zorn@zrc-sazu.si

Tel.: 00386 1 4706 348

Web page: <http://giam.zrc-sazu.si/en/zorn>

Research interests:

physical geography, geomorphology, geography of natural disasters, geographic information systems, land degradation, environmental history

Biography:

He received Ph.D. in geography from University of Ljubljana (Slovenia) in 2007. He has been working at the Research Center of the Slovenian Academy of Sciences and Arts (ZRC SAZU) [Anton Melik Geographical Institute](#) (Ljubljana, Slovenia) since 2001. In 2012, ZRC SAZU granted him the rank senior research fellow. In 2011, the University of Primorska (Koper, Slovenia) granted him the title of assistant professor in geography. Since 2007, he has served as assistant director of the ZRC SAZU Anton Melik Geographical Institute, and since 2008 he has been head of the institute's Physical Geography Department. Since 2012, he has a status of visiting professor at the University of Novi Sad (Serbia).

Since 2011, he has been the editor-in-chief of the Scopus cited journal [Geografski vestnik](#), and the editor for physical geography for the SCIE cited journal [Acta geographica Slovenica](#). In addition, he is the coeditor of the research book series Geographic Information Systems in Slovenia and Natural Disasters.

Selected publications:

VAN HALL, R. L., CAMMERAAT, L. H., KEESSTRA, S. D., **ZORN, M.** 2016: Impact of secondary vegetation succession on soil quality in a humid Mediterranean landscape. *Catena*, in press. DOI: <http://dx.doi.org/10.1016/j.catena.2016.05.021>

TOŠIĆ, I., **ZORN, M.**, ORTAR, J., UNKAŠEVIĆ, M., GAVRILOV, M. B., MARKOVIĆ, S. B. 2016: Annual and seasonal variability of precipitation and temperatures in Slovenia from 1961 to 2011. *Atmospheric Research* 168, pp. 220–233. DOI: <http://dx.doi.org/10.1016/j.atmosres.2015.09.014>

DEL GOBBO, C., COLUCCI, R. R., FORTE, E., TRIGLAV ČEKADA, M., **ZORN, M.** 2016: The Triglav glacier (South-Eastern Alps, Slovenia): volume estimation, internal characterization and 2000–2013 temporal evolution by means of ground penetrating radar measurements. *Pure and Applied Geophysics* 173(8), pp 2753–2766. DOI: <http://dx.doi.org/10.1007/s00024-016-1348-2>

BREG VALJAVEC, M., **ZORN, M.** 2015: Degraded karst relief: waste-filled dolines. *Advances in Environmental Research* 40, pp. 77–95. https://www.novapublishers.com/catalog/product_info.php?products_id=56759

FERK, M., GABROVEC, M., KOMAC, B., **ZORN, M.**, STEPIŠNIK, U. 2015: Pleistocene glaciation in Mediterranean Slovenia. *Special Publication of the Geological Society of London* 433. DOI: <http://dx.doi.org/10.1144/SP433.2>

KOMAC, B., **ZORN, M.** 2013: Extreme floods in Slovenia in September 2010. In: LÓCZY, D. (ed.), *Geomorphological Impacts of Extreme Weather: Case Studies from Central and Eastern Europe*. Dordrecht [etc.]: Springer, pp. 121–139. DOI: http://dx.doi.org/10.1007/978-94-007-6301-2_8

ZORN, M., KOMAC, B. 2013: Land degradation. In: BOBROWSKY, P. T. (ed.), *Encyclopedia of Natural Hazards*. Dordrecht [etc.]: Springer, pp. 580–583. DOI: http://dx.doi.org/10.1007/978-1-4020-4399-4_207

ZORN, M., KOMAC, B. 2013: Erosion. In: BOBROWSKY, P. T. (ed.), *Encyclopedia of Natural Hazards*. Dordrecht [etc.]: Springer, pp. 288–289. DOI: http://dx.doi.org/10.1007/978-1-4020-4399-4_120

ZORN, M., KOMAC, B. 2013: Erosivity. In: BOBROWSKY, P. T. (ed.), *Encyclopedia of Natural Hazards*. Dordrecht [etc.]: Springer, p. 289. DOI: http://dx.doi.org/10.1007/978-1-4020-4399-4_121

ŠEGINA, E., KOMAC, B., **ZORN, M.** 2012: Factors influencing the rockwall retreat of flysch cliffs on the Slovenian coast. *Acta geographica Slovenica* 52(2), pp. 303–334. DOI: <http://dx.doi.org/10.3986/AGS52202>

ZORN, M. 2012: Geomorphic activity in flysch badlands of the Istria peninsula (SW Slovenia). *Zeitschrift für Geomorphologie*, Suppl. 56(3), pp. 53–79. DOI: <http://dx.doi.org/10.1127/0372-8854/2012/S-00104>

ZORN, M., KOMAC, B., KUMELJ, Š. 2012: Mass movement susceptibility maps in Slovenia: the current state. *Geografski vestnik* 84(1), pp. 99–112. http://zgs.zrc-sazu.si/Portals/8/Geografski_vestnik/vestnik-84-1-zorn-komac-kumelj.pdf

ZORN, M., KOMAC, B. 2011: Damage caused by natural disasters in Slovenia and globally between 1995 and 2010. *Acta geographica Slovenica* 51(1), pp. 7–41. DOI: <http://dx.doi.org/10.3986/AGS51101>

KUHLICKE, C., KOMAC, B., **ZORN, M.**, et al. 2011: Perspectives on social capacity building for natural hazards: outlining an emerging field of research and practice in Europe. *Environmental Science & Policy* 14(7), pp. 804–814. DOI: <http://dx.doi.org/10.1016/j.envsci.2011.05.001>

ZORN, M. 2011: Soil erosion of flysch soil on different land use under submediterranean climate. In: FOURNIER, A. J. (ed.), *Soil Erosion: Causes, Processes and Effects*. New York: Nova Science Publishers, pp. 69–97. https://www.novapublishers.com/catalog/product_info.php?products_id=12651

ZORN, M. 2010: Rill erosion. In: WARF, B. (ed.), *Encyclopaedia of Geography*, vol. 5. Los Angeles [etc.]: Sage, 2010, pp. 2464–2466. DOI: <http://dx.doi.org/10.4135/9781412939591.n996>

ZORN, M. 2009: Erosion processes in Slovene Istria. Part 1, Soil erosion. *Acta geographica Slovenica* 49(1), pp. 39–87. DOI: <http://dx.doi.org/10.3986/AGS49102>

ZORN, M. 2009: Erosion processes in Slovene Istria. Part 2. *Acta geographica Slovenica* 49(2), pp. 291–341. DOI: <http://dx.doi.org/10.3986/AGS49203>

ZORN, M., KOMAC, B. 2009: The importance of landsliding in a flysch geomorphic system: the example of the Goriška brda Hills (W Slovenia). *Zeitschrift für Geomorphologie*, Suppl. 53(2), pp. 57–78. DOI: <http://dx.doi.org/10.1127/0372-8854/2009/0053S3-0057>

HRVATIN, M., KOMAC, B., PERKO, D., **ZORN, M.** 2006: Slovenia. In: BOARDMAN, J., POESEN, J. (eds.), *Soil erosion in Europe*. Chichester: Wiley, pp. 297–310. DOI: <http://dx.doi.org/10.1002/0470859202.ch25>

Whole bibliography: <http://izumbib.izum.si/bibliografije/Y20161016224141-22245.html>