

ISI Journal Articles

- 1) Leis, J.-L., **Kienberger, S.**, 2020. Climate Risk and Vulnerability Assessment of Floods in Austria: Mapping Homogenous Regions, Hotspots and Typologies. *Sustainability*, 12(16), 6458., <https://doi.org/10.3390/su12166458>
- 2) Menk, L., Neuwirth, C., **Kienberger, S.**, 2020. Mapping the Structure of Social Vulnerability Systems for Malaria in East Africa. *Sustainability*, 12(12), 5112., <https://doi.org/10.3390/su12125112>
- 3) Gudiyangada Nachappa, T., **Kienberger, S.**, Meena, S. R., Hölbling, D., Blaschke, T., 2020. Comparison and validation of per-pixel and object based approaches for landslide susceptibility mapping. *Geomatics, Natural Hazards and Risk*, 11:1, 572-600, <https://doi.org/10.1080/19475705.2020.1736190>
- 4) de Sherbinin, A., Bukvic, A., Rohat, G., Gall, M., McCusker, B., Preston, B., Apotsos, A., Fish, C., **Kienberger, S.**, Muhonda, P., Wilhelmi, O., Macharia, D., Shubert, W., Sliuzas, R., Tomaszewski, B., Zhang, S., 2019. Climate vulnerability mapping: A systematic review and future prospects. *WIREs Clim Change*. 2019; 10:e600., <https://doi.org/10.1002/wcc.600>
- 5) Das, T.K., Haldar, S.K., Sarkar, D., Borderon, M., **Kienberger, S.**, Das Gupta, I., Kundu, S., Guha-Sapir, D., 2017. Impact of riverbank erosion: A case study. *Australasian Journal of Disaster and Trauma Studies* 21 (2); http://trauma.massey.ac.nz/issues/2017-2/AJDTs_21_2_Das.pdf
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- 8) Delmelle, E., Hagenlocher, M., **Kienberger, S.**, Casas, I., 2016. A spatial model of socioeconomic and environmental determinants of dengue fever in Cali, Colombia. *Acta Tropica* 164: 169-176, <http://dx.doi.org/10.1016/j.actatropica.2016.08.028>
- 9) Cabrera-Barona, P., Blaschke, T., **Kienberger, S.**, 2016. Explaining Accessibility and Satisfaction Related to Healthcare: A Mixed-Methods Approach. *Social Indicators Research*: 1- 12, <http://dx.doi.org/10.1007/s11205-016-1371-9>
- 10) Bizimana, J.P., **Kienberger, S.**, Hagenlocher, M., Twarabamenye, E., 2016. Modelling homogeneous regions of social vulnerability to malaria in Rwanda. *Geospatial Health* 11(s1):404, <http://dx.doi.org/10.4081/gh.2016.404>
- 11) Taylor, D., Hagenlocher, M., Jones, A.E., **Kienberger, S.**, Leedale, J., Morse, A.P., 2016. Environmental change and Rift Valley fever in eastern Africa: projecting beyond HEALTHY FUTURES. *Geospatial Health* 11(s1):387, <http://dx.doi.org/10.4081/gh.2016.387>

- 12) Taylor, D., **Kienberger, S.**, Malone, J.B., Tompkins, A.M., 2016. Health, Environmental Change and Adaptive Capacity; Mapping, Examining and Anticipating Future Risks of Water-Related Vector-Borne Diseases in Eastern Africa. *Geospatial Health* 11(s1):464, <http://dx.doi.org/10.4081/gh.2016.464>
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- 14) Spiekermann, R., **Kienberger, S.**, Norton, J., Briones, F., Weichselgartner, J., 2015. The Disaster-Knowledge Matrix-Reframing and evaluating the knowledge challenges in disaster risk reduction. *International Journal of Disaster Risk Reduction*, 13: 96-108. <http://dx.doi.org/10.1016/j.ijdr.2015.05.002>
- 15) Cabrera-Barona, P., Murphy, T., **Kienberger, S.**, Blaschke, T., 2015. A multi-criteria spatial deprivation index to support health inequality analyses. *International Journal of Health Geographics*, 14(11), <http://dx.doi.org/10.1186/s12942-015-0004-x>
- 16) Breinl, K., Strasser, U., Bates, P., **Kienberger, S.**, 2015. A joint modelling framework for daily extremes of river discharge and precipitation in urban areas. *Journal of Flood Risk Management*, online, <http://dx.doi.org/10.1111/jfr3.12150>
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- 21) Contreras, D., Blaschke, T., **Kienberger, S.**, Zeil, P., 2014. Myths and realities about the recovery of L'Aquila after the earthquake. *International Journal of Disaster Risk Reduction*, 8: 125-142. <http://dx.doi.org/10.1016/j.ijdr.2014.02.001>
- 22) Hagenlocher, M., Lang, S., Hölbling, D., Tiede, D., **Kienberger, S.**, 2014. Modeling Hotspots of Climate Change in the Sahel Using Object-Based Regionalization of Multidimensional Gridded Datasets. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (JSTARS)*, 7 (1): 229-234. <http://dx.doi.org/10.1109/JSTARS.2013.2259579>
- 23) **Kienberger, S.**, Hagenlocher, M., Delmelle, E., Casas, I., 2013. A WebGIS tool for visualizing and exploring socioeconomic vulnerability to dengue fever in Cali, Colombia. *Geospatial Health* 8 (1): 313-316. <http://www.geospatialhealth.unina.it/v8i1/gh-v8i1-28.pdf>

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- 28) Birkmann, J., Cardona, O. A., Carreño, L., Barbat, A., Pelling, M., Schneiderbauer, S., **Kienberger, S.**, Keiler, M., Zeil, P., Welle, T., 2013. Framing vulnerability, risk and societal responses: the MOVE framework. *Natural Hazards* 67 (2), 193-211. <http://dx.doi.org/10.1007/s11069-013-0558-5>
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- 31) Watson, S., Petterson, M., Lang, S., **Kienberger, S.**, Hagenlocher, M., Rudge, J., Coker, R., 2012. Trans-disciplinary research to improve health systems' disaster readiness and response. *Bulletin of the World Health Organization* 2012, 90, 558-558A. <http://dx.doi.org/10.2471/BLT.12.106120>
- 32) **Kienberger, S.**, 2012. Spatial modelling of social and economic vulnerability to floods at the district level in Búzi, Mozambique. *Natural Hazards* 64(3), 2001-2019. <http://dx.doi.org/10.1007/s11069-012-0174-9>
- 33) Lang, S., Albrecht, F., **Kienberger, S.**, Tiede, D., 2010. Object validity for operational tasks in a policy context. *Journal for Spatial Science*, 55 (1), 9-22. <http://dx.doi.org/10.1080/14498596.2010.48763>
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- 35) Birkmann, J., **Kienberger, S.**, Alexander, D., 2014. Assessment of Vulnerability to Natural Hazards: A European Perspective. Elsevier, USA. p. 235
- 36) Zeil, P., **Kienberger, S.** (eds.), 2009. Geoinformation for Development - Bridging the divide through partnerships. University Science Press, India, p. 232
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- 39) Borderon, M., **Kienberger, S.**, Kumar, S., Oliveau, S., Das, T.K., 2017. Beyond the Lack of Data: How to Generate Spatial Data on Displaced Populations Using Global Positioning System (GPS) Loggers - The Example of Populations Displaced due to Ganges Riverbank Erosion in Malda, West Bengal, India. *GI_Forum* 1:360–368. https://doi.org/10.1553/giscience2017_01_s360
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- 42) Thapa, R., Lang, S., Schoepfer, E., **Kienberger, S.**, Füreder, P., Zeil, P., 2015. Land Use/Land Cover Classification of the Natural Environment. In: Sharma, N., Flügel, W.-A. (eds.): Applied Geoinformatics for Sustainable Integrated Land and Water Resources Management (ILWRM) in the Brahmaputra River basin. Springer, 17-24
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- 44) **Kienberger, S.**, Contreras, D., Zeil, P., 2014. Spatial and Holistic Assessment of social, economic and environmental vulnerability to floods - lessons from the Salzach River Basin, Austria. In: Birkmann, J., Kienberger, S., Alexander, D. (eds.): Vulnerability to Natural Hazards - A European Perspective. Elsevier, USA, 53-74

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- 46) Birkmann, J., Cardona, O. A., Carreño, L., Barbat, A., Pelling, M., Schneiderbauer, S., **Kienberger, S.**, Keiler, M., Alexander, D., Zeil, P., Welle, T., 2014. Theoretical and Conceptual Framework for the Assessment of Vulnerability to Natural Hazards and Climate Change in Europe. In: Birkmann, J., Kienberger, S., Alexander, D. (eds.): *Vulnerability to Natural Hazards - A European Perspective*. Elsevier, USA, 1-19
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