

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) 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>
- 4) 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
- 5) Feizizadeh, B., **Kienberger, S.**, 2017. Spatially explicit sensitivity and uncertainty analysis for multicriteria-based vulnerability assessment. *Journal of Environmental Planning and Management*. <http://dx.doi.org/10.1080/09640568.2016.1269643>
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- 8) 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>
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- 10) 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>
- 11) 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>
- 12) Hagenlocher, M., Hölbling, D., **Kienberger, S.**, Vanhuyse, S., Zeil, P., 2015. Spatial assessment of social vulnerability in the context of landmines and explosive remnants of war in Battambang

- province, Cambodia. *International Journal of Disaster Risk Reduction*.
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 - 14) 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),
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 - 15) 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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<http://dx.doi.org/10.1016/j.ijdrr.2014.02.001>
 - 21) 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>
 - 22) **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>
 - 23) Birkmann, J., Cutter, S., Rothman, D.S., Welle, T., Garschagen, M., van Ruijven, B., O'Neill, B., Preston, B., **Kienberger, S.**, Cardona, O.D., Siagian, T., Hidayati, D., Setiadi, N., Binder, C, Hughes, B., Pulwarty, R., 2013. Scenarios for Vulnerability: Opportunities and constraints in the context of climate change and disaster risk. *Climatic Change*. <http://dx.doi.org/10.1007/s10584-013-0913-2>

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- 25) Hagenlocher, M., Delmelle, E., Casas, I., **Kienberger, S.**, 2013. Assessing socioeconomic vulnerability to dengue fever in Cali, Colombia: statistical vs expert-based modeling. *International Journal of Health Geographics*, 12(36). <http://dx.doi.org/10.1186/1476-072X-12-36>
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- 27) 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>
- 28) Contreras, D., Blaschke, T., **Kienberger, S.**, Zeil, P., 2013. Spatial connectivity as a recovery process indicator: The L'Aquila earthquake. *Technological Forecasting and Social Change*.
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- 32) 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>
- 33) **Kienberger, S.**, Lang, S., Zeil, P., 2009. Spatial vulnerability units – expert-based spatial modelling of socio-economic vulnerability in the Salzach catchment, Austria, *Nat. Hazards Earth Syst. Sci.*, 9, 767-778. <http://www.nat-hazards-earth-syst-sci.net/9/767/2009/nhess-9-767-2009.html>

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- 35) Zeil, P., **Kienberger, S.** (eds.), 2009. *Geoinformation for Development - Bridging the divide through partnerships*. University Science Press, India, p. 232

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- 44) Birkmann, J., **Kienberger, S.**, Alexander, D., 2014. Vulnerability: a key determinant of risk and its importance for risk management and sustainability. In: Birkmann, J., Kienberger, S., Alexander, D. (eds.): *Vulnerability to Natural Hazards - A European Perspective*. Elsevier, USA, ix-xiii
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- 65) **Kienberger, S.**, Hagenlocher, M., Bizimana, J.P., Zeil, P., 2013. Mapping vulnerability hotspots to vector - borne diseases in East Africa – Lessons for national and regional Spatial Data Infrastructures. AfricaGIS 2013 - Global Geospatial Conference 2013, November 4 - 8, 2013, Addis Ababa, Ethiopia
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