

Rita Linkevičienė

CONTACT INFORMATION

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RESEARCH INTERESTS

Raised bog hydrology variation and links with climate and environmental changes. Assessment of changes in hydroclimatic conditions based on remote sensing indicators. Application of statistical methods in hydrological studies.

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):

1. Šimanauskienė, R., **Linkevičienė, R.**, Povilanskas, R., Satkūnas, J., Veteikis, D., Baubiniienė, A., Taminskas, J. 2022. Curonian Spit Coastal Dunes Landscape: Climate Driven Change Calls for the Management Optimization, *Land* 11 (6), Art. No.: 877, DOI: 10.3390/land11060877.
2. Satkūnas, J., Minkevičius, V., Guobytė, R., Baubiniienė, A., **Linkevičienė, R.**, Taminskas, J. 2020. Morphometric indicators of insular and marginal morainic uplands (based on LiDAR data) of the Last and pre-Last Glaciations, case of Lithuania, *Baltica* 33 (2), 166-176, DOI: 10.5200/baltica.2020.2.4.
3. Taminskas, J., Šimanauskienė, R., **Linkevičienė, R.**, Volungevičius, J., Slavinskienė, G., Povilanskas, R., Satkūnas, J. 2020. Impact of Hydro-Climatic Changes on Coastal Dunes Landscape According to Normalized Difference Vegetation Index (The Case Study of Curonian Spit), *Water* 12 (11), Art. No.: 3234, DOI: 10.3390/w12113234.
4. Edvardsson, J., Baužienė, I., Lamentowicz, M., Šimanauskienė, R., Tamkevičiūtė, M., Taminskas, J., **Linkevičienė, R.**, Skuratovič, Ž., Corona, C., Stoffel, M. 2019. A multi-proxy reconstruction of moisture dynamics in a peatland ecosystem: A case study from Čepkeliai, Lithuania, *Ecological indicators* 106, Art. No.: 105484, DOI: 10.1016/j.ecolind.2019.105484.
5. Šimanauskienė, R., **Linkevičienė, R.**, Bartold, M., Dabrowska-Zielinska, K., Slavinskienė, G., Veteikis, D., Taminskas, J. 2019. Peatland degradation: The relationship between raised bog hydrology and normalized difference vegetation index, *Ecohydrology* 12 (8), Art. No.: e2159, DOI: 10.1002/eco.2159
6. Rimkus, E., Edvardsson, J., Kažys, J., Pukienė, R., Lukošūnaitė, S., **Linkevičienė, R.**, Corona, C., Stoffel, M. 2019. Scots pine radial growth response to climate and future projections at peat and mineral soils in the boreo-nemoral zone, *Theoretical and applied climatology* 136 (1-2), 639-650, DOI: 10.1007/s00704-018-2505-6.
7. Taminskas, J., Edvardsson, J., **Linkevičienė, R.**, Stoffel, M., Corona, C., Tamkevičiūtė, M. 2019. Combining multiple proxies to investigate water table fluctuations in wetlands: A case study from the Rėkyva wetland complex, Lithuania, *Palaeogeography palaeoclimatology palaeoecology* 514, 453-463, DOI: 10.1016/j.palaeo.2018.11.004.

8. Taminskas, J., **Linkevičienė, R.**, Šimanauskienė, R., Jukna, L., Kibirškštis, G., Tamkevičiūtė, M. 2018. Climate change and water table fluctuation: Implications for raised bog surface variability, *Geomorphology* 304, 40-49, DOI: 10.1016/j.geomorph.2017.12.026.
9. Taminskas, J., Pileckas, M., Šimanauskienė, R., **Linkevičienė, R.** 2012. Wetland classification and inventory in Lithuania, *Baltica* 25 (1), Pages: 33-44, DOI: 10.5200/baltica.2012.25.03
10. Linkevičienė, R. 2009. Impact of river capture on hydrography and water resources: case study of Ūla and Katra catchments, South Lithuania, *Holocene* 19 (8), 1233-1240, DOI: 10.1177/0959683609345081.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

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| 2016-2020 | Hydrometeorological study of the Rėkyva peat quarry and analysis of its impact on the environment, project of <i>Rėkyva JSC</i> , project implementer. |
| 2018-2020 | Monitoring of gypsum chemical denudation in the karst region of Northern Lithuania, project of <i>Lithuanian Geological Survey</i> , project implementer |
| 2020 | Glacial overdeepenings of the Baltic area, project of <i>Swiss National Cooperative for the Disposal of Radioactive Waste (NAGRA)</i> , project implementer. |

PARTICIPATION IN SCIENTIFIC CONFERENCES

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| 2022 08 15-18 | 31st Nordic Hydrological Conference <i>Hydrology and Water-related Ecosystems</i> , Talinas, Estija.
Linkevičienė R. , Šimanauskienė R., Kibirškštis G., Grigaitė O., Taminskas J. Hydrological diversity of raised bog, case study of Čepkeliai (Lithuania) |
| 2020 06 2-3 | 3rd Baltic Earth Conference <i>Earth system changes and Baltic Sea costs</i> , online.
Šimanauskienė R., Linkevičienė R. , Taminskas J., Povilanskas R. Coastal dunes ecosystems change according to normalized difference vegetation index (the case study of Curonian Spit) |
| 2019 05 2-4 | 3rd International Conference <i>Smart Bio</i> , Kaunas, Lietuva.
Linkevičienė R. , Šimanauskienė R., Taminskas J., Kibirškštis G. Relations between Hydrological Conditions and Raised Bog Surface Fluctuations: Case Study of Čepkeliai Peatland, Lithuania |
| 2017 07 11-12 | <i>International Conference on Conservation and Management of Priority Wetland Habitats</i> , Ryga, Latvija.
Linkevičienė R. , Šimanauskienė R., Taminskas J., Edvardsson J., Corona C., Tamkevičiūtė M., Stoffel M. Reconstruction of long term water table fluctuations in Rėkyva wetland complex, Lithuania |