


Curriculum vitae (CV)

Personiskā informācija	
	Vārds, uzvārds Karina Stankevica
	Dzimšanas dati 9. jūlijs, 1984. gads
Izglītība	
2011-2017: Latvijas Universitāte, Ģeogrāfijas un Zemes zinātņu fakultāte Vides zinātnes doktorantūras studijas (ISCED-2011/ISCED-A klasifikācijas līmenis: 860)	
2009-2011: Latvijas Universitāte, Ģeogrāfijas un Zemes zinātņu fakultāte Dabaszinātņu maģistra grāds vides zinātnē (ISCED-2011/ISCED-A klasifikācijas līmenis: 750)	
2004-2009: Latvijas Lauksaimniecības universitāte, Lauku inženieru fakultāte Profesionālais bakalaura grāds ainavu arhitektūrā un plānošanā (ISCED-2011/ISCED-A klasifikācijas līmenis: 650)	
Pašreizējā nodarbinātība	
Pētnieks Latvijas Universitātē, Ģeogrāfijas un Zemes zinātņu fakultātē	
Iepriekšējā nodarbinātība	
2008-2009: Ainavu arhitektūras projektu vadītājs , SIA "Celtmehserviss"	
Pētnieciskā darba pieredze	
<u>Pētījumu projekti:</u>	
01.09.2016-28.02.2017: Projekta vadītājs, pētnieks LU Efektīvas sadarbības projektā "Biomases pelnu īpašības un izmantošanas iespēju izpēte"	
26.09.2016-31.03.2017: Eksperts LVAFA projektā „Latvijas kūdras atradņu datu kvalitātes analīze, ieteikumu sagatavošana to uzlabošanai un izmantošanai valsts stratēģijas pamatdokumentu sagatavošanā.(2. kārtā)”	
01.01.2016-31.12.2016: Pētnieks Latvijas valsts pētījumu programmā "Dabas resursu ilgtspējīga izmantošana klimata pārmaiņu kontekstā"	
01.09.2015-31.12.2015: Pētnieks Latvijas valsts pētījumu programmā "Materiāli un tehnoloģija kompleksi piesārņotu teritoriju rekultivācijai un pilsētvides augšņu ielabošanai"	
01.02.2013-31.08.2015: Pētnieks ESF projektā "Atbalsts LU starptautiskās sadarbības projektiem un citiem starptautiskās sadarbības pasākumiem zinātnē un tehnoloģijās"	
20.10.2011-31.01.2013: Pētnieks ERAF projektā "Inovācija kūdras izpētē un jaunu to saturošo produktu izveidē"	
<u>Zinātniskie raksti:</u>	
1. VINCEVICA-GAILE, Z., STANKEVICA, K., OBUKA, V., CELMA, S., KLAVINS, M., SHISHKINS, M. Granulation of fly ash and biochar with organic lake sediments – a way to sustainable utilization of by-products from energy production. <i>Fuel</i> [accepted, in press].	
2. VINCEVICA-GAILE, Z., GRINFELDE, I., STANKEVICA, K., BERZINS, E., KLAVINS, M. (2018) Characterisation of wood combustion fly ash in a context of applicability in agriculture. <i>GeoConference Proceedings</i> [accepted, in press].	
3. STANKEVICA K. , VINCEVICA-GAILE Z., MUTER O. & KLAVINS M. (2016) Physiological response of bacteria consortium to the presence of intact and autoclaved freshwater sapropel (gyttja) derived in the eastern Latvia. <i>In: Microbes in the Spotlight: Recent Progress in the Understanding of Beneficial and Harmful Microorganisms</i> , BrownWalker Press [accepted, in press]	

4. OBUKA V., VEITMANS K., VINCEVICA-GAILE Z., **STANKEVICA K.** & KLAVINS M. (2016) Sapropel as an adhesive: Assessment of essential properties. *Research for Rural Development* [accepted, in press]
5. **STANKEVICA K.**, VINCEVICA-GAILE Z. & KLAVINS M. (2016) Freshwater sapropel (gyttja): Its description, properties and opportunities of use in contemporary agriculture. *Agronomy Research*, 14(3), 929-947, URL: <http://agronomy.emu.ee/tag/lake-sediments/>. (SCOPUS)
6. **STANKEVICA K.**, KALNINA L., CERINA A., KLAVINS M., USTUPE L. & KAUP E. (2015) Reconstruction of the Holocene palaeoenvironmental conditions accordingly to the multiproxy sedimentary records from lake Pilvelis, Latvia. *Quaternary International*, 386, 102–115, DOI: [10.1016/j.quaint.2015.02.031](https://doi.org/10.1016/j.quaint.2015.02.031). (SCOPUS)
7. **STANKEVICA K.**, PUJATE A., KALNINA L., KLAVINS M., CERINA A. & DRUCKA A. (2015) Records of the anthropogenic influence on different origin small lake sediments of Latvia. *Baltica*, 28(2), 135-150. DOI: [10.5200/baltica.2015.28.12](https://doi.org/10.5200/baltica.2015.28.12). (SCOPUS)
8. VINCEVICA-GAILE Z., STAPKEVICA M., **STANKEVICA K.** & BURLAKOVŠ J. (2015) Testing sapropel (gyttja) as soil amendment: assessment of plant germination and early seedling development. *Research for Rural Development*, 1, 88-94.
9. OBUKA V., ŠINKA M., KĻAVIŅŠ M., **STANKEVIČA K.** & KORJAKINS A. (2015) Sapropel as a binder: properties and application possibilities for composite materials. IOP Conference Series-Materials Science and Engineering, 96: 2nd International Conference on Innovative Materials, Structures and Technologies (IMST), DOI: [10.1088/1757-899X/96/1/012026](https://doi.org/10.1088/1757-899X/96/1/012026). (SCOPUS)
10. VINCEVICA-GAILE Z., BURLAKOVŠ J. & **STANKEVICA K.** (2015) Phytoremediation as effective clean-up approach: its perspectives of use in practice. In: Truu J., Kalnenieks U. (eds.) *Soil Ecosystem Health and Management of Contaminated Sites*. University of Tartu Press, 83-101.
11. **STANKEVICA K.**, VINCEVICA-GAILE Z. & MUTER O. (2015) Microbial community analysis of sapropel (gyttja) derived from small overgrowing lakes in the eastern Latvia. In: Truu J., Kalnenieks U. (eds.) *Soil Ecosystem Health and Management of Contaminated Sites*. University of Tartu Press, 66-82.
12. BUNERE S., **STANKEVIČA, K.** & KLAVINS M. (2014) Effects of sapropel on the growth of radish (*Raphanus sativus L.*). Proceedings of the 56th International Scientific Conference of Daugavpils University, 16-24, URL: http://www.dukonference.lv/files/proceedings_of_conf/978-9984-14-701-7_56%20konf%20kraj_A_Dabaszin.pdf
13. BURLAKOVŠ J., JANOVSKIS R., **STANKEVICA K.**, HASSAN I., LACIS S. (2014) Removal of Heavy Metals from Contaminated Soils by Electrokinetic Remediation. *Proceedings of Conference Research for Rural Engineering*, 2, 122-126. (SCOPUS)
14. **STANKEVICA K.**, BURLAKOVŠ J., KLAVINS M. & VINCEVICA-GAILE Z. (2014) Environmental and economic aspects of small freshwater lake sustainable use: Lake Pilvelis example. SGEM 2014 GeoConference Proceedings on Ecology Economics, Education and Legislation, 3, 127-134, DOI: [10.5593/SGEM2014/B53/S21.018](https://doi.org/10.5593/SGEM2014/B53/S21.018) (SCOPUS)
15. **STANKEVICA K.**, VINCEVICA-GAILE Z. & KLAVINS M. (2014) Influence of sapropel (gyttja) on trifolium pratense seeds germination in presence of copper. SGEM 2014 GeoConference Proceedings on Soils, Forest Ecosystems, Marine & Ocean Ecosystems, 2, 175-182, DOI: [10.5593/SGEM2014/B32/S13.02](https://doi.org/10.5593/SGEM2014/B32/S13.02) (SCOPUS)
16. USTUPE L., CERIŅA A., **STANKEVIČA K.**, KALNIŅA L. & KĻAVIŅŠ M. (2013) Paleovegetation changes in the Lake Pilvelis. In: Kļaviņš M., Kalniņa L. (eds.) *Bog and Lake Research in Latvia*, 36-44.
17. **STANKEVICA K.**, BURLAKOVŠ J., KLAVINS M. (2013) Organic rich freshwater sediments (sapropel) as potential soil amendment for recultivation of contaminated with heavy metal compounds areas. 13th SGEM GeoConference Proceedings on Water Resources. Forest, Marine and Ocean Ecosystems, 595-602. (SCOPUS)

18. **STANKEVICA K.** & KLAVINS M. (2013) Sapropel and its possibilities of use. *Scientific Materials Sciences and Applied Chemistry*, 29, 109-126. (in Latvian)
19. **STANKEVICA K.**, KLAVINS M. & RUTINA L. (2012) Accumulation of Metals in Sapropel. *Material Science and Applied Chemistry*, 26, 99-105.

Zinojumi zinātniskajās konferencēs:

1. BĒRZIŅŠ, E., **STANKEVIČA, K.**, VINČEVIČA-GAILE Z., KĻAVIŅŠ, M. Poster presentation at the 75th Scientific Conference of the University of Latvia "Effect of wood charcoal on *Calendula officinalis* seed germination and growth of *Poa pratensis*"
2. **STANKEVICA K.**, VINČEVIČA-GAILE Z., MUTER O. & KLAVINS M. Poster presentation at the International Conference "BioMicroWorld", 2015, Barcelona, Spain. "Physiological response of bacteria consortium to the presence of intact and autoclaved freshwater sapropel (gyttja) derived in the eastern Latvia".
3. **STANKEVICA K.** & VINČEVIČA-GAILE Z. Poster presentation at the 6th International Conference on Medical Geology, 2015, Aveiro, Portugal. "Studies of freshwater sediments (gyttja): analysis of composition and chemical properties".
4. VINČEVIČA-GAILE Z. & **STANKEVICA K.** Poster presentation at the 6th International Conference on Medical Geology, 2015, Aveiro, Portugal. "Impact of micro- and macroelement content on potential use of freshwater sediments (gyttja) derived from lakes of Latvia".
5. **STANKEVICA K.**, VINČEVIČA-GAILE Z. & MUTER O. Oral presentation at the 2nd Congress of Baltic Microbiologist, 2014, Tartu, Estonia. "Microbiological community analyses of sapropel (gyttja) derived from overgrowing lakes in the Eastern Latvia".
6. **STANKEVICA K.**, VINČEVIČA-GAILE Z. & NIKOLAJEVA V. Poster presentation at the 2nd Congress of Baltic Microbiologist, 2014, Tartu, Estonia. "Identification of microorganisms in freshwater sapropel from the lakes of Latvia"
7. VINČEVIČA-GAILE Z., BURLAKOV J. & **STANKEVICA K.** Poster presentation at the 2nd Congress of Baltic Microbiologist, 2014, Tartu, Estonia. "Phytoremediation as effective clean-up approach: its perspectives of use in practice".
8. **STANKEVICA K.**, VINČEVIČA-GAILE Z. & KLAVINS M. Poster presentation at the 14th international GeoConference, 2014, Albena, Bulgaria. "Influence of sapropel (gyttja) on *Trifolium pratense* seeds germination in presence of copper."
9. **STANKEVICA K.**, BURLAKOV J., KLAVINS M. & VINČEVIČA-GAILE Z. Poster presentation at the 14th international GeoConference. "Environmental and economic aspects of small freshwater lake sustainable use: Lake Pilvelis example".
10. **STANKEVIČA K.**, RŪTIŅA L., BUNERE S., CERIŅA A., USTUPE L. & KĻAVIŅŠ M. Oral presentation at the International Conference "Peat and humic substances and their application", 2013, Riga, Latvia. "Sapropel diagenesis in Latvia, properties and application potential".
11. BUNERE S., **STANKEVIČA K.** & KĻAVIŅŠ M. Poster presentation at the International Conference "Peat and humic substances and their application", 2013, Riga, Latvia. "Effects of humic substances derived from sapropel on the growth of radish (*Raphanus sativus L.*)".

Patenti:

1. **STANKEVIČA K.** (2015) Extraction method of biologically active humic substances. LV 15014 A
2. BUTOV V., **STANKEVIČA K.** (2010) Method for the production of organic and organic-mineral fertilizers and a device for its realization. LV 14202 B.

Apbalvojumi un stipendijas
2011-2016: Doktorantu skola , Latvijas universitāte
2015: Starptautiskā pateicība "Climate Launchpad", "LAUNCH Nordic", kā arī Latvijas Universitātes un Zaļās inovācijas inkubatora atzinība par saistvielas no saldūdens ezera nogulumiem izstrādi un izpēti.
Vadītie promocijas darbi
-
Pedagoģiskais darbs
<u>Vadīti bakalaura darbi:</u>
<ol style="list-style-type: none"> 1. DIANA KRISTIŅA (2015) <i>Usage of sapropel in personal hygiene products: evaluation of sapropel soap properties and life cycle</i>. University of Latvia, Riga. 2. LINDA KIKUSTE (2013) <i>Paleoenvironmental reconstruction of Lake Padēlis using malacofauna analysis</i>. University of Latvia, Riga. 3. LĪGA RŪTIŅA (2012) <i>Composition of sapropel and its physical and chemical properties: Variability of Lake Pilvelis, Padelis and Pilcenes</i>. University of Latvia, Riga. 4. IEVA AKMENE (2012) <i>Sapropel spectrometric characterization</i>. University of Latvia, Riga.
<u>Tēžu konsultēšana:</u>
<ol style="list-style-type: none"> 1. DĀVIS VARAKĀJS (2018) <i>Categorization of lake sapropel resources and its regional distribution of potential use in Latvia</i>. Master thesis. University of Latvia, Riga. 2. EDMUNDS BĒRZIŅŠ (2017) <i>Heavy metals binding capacity of sapropel in sandy soils</i>. Master thesis. University of Latvia, Riga. 3. ANNAMARIJA TRAUSA (2017) <i>Studies on sapropel drying methods</i>. Master thesis. University of Latvia, Riga. 4. LĪGA RŪTIŅA (2014) <i>Properties of sapropel isolated compounds and their possibilities of use</i>. Master thesis. University of Latvia, Riga. 5. SABĪNE BUNERE (2014) <i>Effect of sapropel on the plant growth</i>. Bachelor thesis. University of Latvia, Riga.
Līdzdalība zinātniskās organizācijās
-
Līdzdalība zinātniskās organizācijās
2013-pašlaik: Pētnieks Latvijas Universitātē, Ģeogrāfijas un Zemes zinātņu fakultātē