

## Publication list

Author: Anatoly Tsyplenkov, Created: Sep 2023

1. Kedich, A., Kharchenko, S., **Tsyplenkov, A.**, Golosov, V.. 2023. *Lateral Moraine Failure in the Valley of the Djankuat Catchment (Central Caucasus) and Subsequent Morphodynamics*. *Geomorphology* 441: 108896. DOI: 10.1016/j.geomorph.2023.108896
2. Kharchenko, S.V., Golosov, V.N., **Tsyplenkov, A.S.**, Fedin, A.V., Uspensky, M.I.. 2023. *Rates of Modern Denudation of a Small Catchment in the Middle Mountain Belt of the Greater Caucasus (Case Study of the Gitche-Gizhgut Catchment)*. *Lomonosov Geography Journal* 78: 38–51. DOI: 10.55959/MSU0579-9414.5.78.3.4
3. Belyakova, P., Moreydo, V., **Tsyplenkov, A.**, Amerbaev, A., Grechishnikova, D., Kurochkina, L., Filippov, V., Makeev, M.. 2022. *Forecasting Water Levels in Krasnodar Krai Rivers with the Use of Machine Learning*. *Water Resources* 49: 10–22. DOI: 10.1134/S0097807822010043
4. Chalov, S. R., **Tsyplenkov, A. S.**, Shkolnyi, D. I., Prokopeva, K. N., Bahareva, E. I.. 2022. *Overland Runoff and Its Impact on Hydrobiont Mortality in Avachinsky Gulf (Pacific Ocean, Kamchatka)*. *Proceedings of the Russian Geographical Society* 4: 1–14. DOI: 10.31857/S0869607122040048
5. **Tsyplenkov, Anatoly**, Chalov, Sergey, Eder, Markus, Habersack, Helmut. 2022. *Large Rivers Hydrology And Sediment Transport*. *GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY* 15: 145–147. DOI: 10.24057/2071-9388-2022-020
6. **Tsyplenkov, Anatoly**, Kharchenko, Sergey, Uspensky, Maxim, Scheper, Simon, Golosov, Valentin. 2022. *Precise Sediment Flux Assessment of a Small Ungauged Low-Mountain Catchment in the North Caucasus*. *Earth Surface Processes and Landforms* (in review) NA: In review.
7. Golosov, V. N., Ivanov, M. M., **Tsyplenkov, A. S.**, Ivanov, M. A., Konoplev, A. V., Wakiyama, Yu, Konstantinov, E. A., Ivanova, N. N.. 2021. *Erosion as a Factor of Transformation of Soil Radioactive Contamination in the Basin of the Shchekino Reservoir (Tula Region)*. *Eurasian Soil Science* 54: 291–303. DOI: 10.1134/S106422932102006X
8. Golosov, Valentin, **Tsyplenkov, Anatoly**. 2021. *Factors Controlling Contemporary Suspended Sediment Yield in the Caucasus Region*. *Water* 13: 3173. DOI: 10.3390/w13223173
9. Ivanov, M. M., Konoplev, A. V., Walling, D. E., Konstantinov, E. A., Gurinov, A. L., Ivanova, N. N., Kuzmenkova, N. V., **Tsyplenkov, A. S.**, Ivanov, M. A., Golosov, V. N.. 2021. *Using Reservoir Sediment Deposits to Determine the Longer-Term Fate of Chernobyl-Derived <sup>137</sup>Cs Fallout in the Fluvial System*. *Environmental Pollution* 274: 116588. DOI: 10.1016/j.envpol.2021.116588
10. Kuksina, L. V., Golosov, V.N., Zhdanova, E. {Yu}., **Tsyplenkov, A. S.**. 2021. *Hydrological and Climatological Factors of Extreme Erosion Events in the Crimean Mountains*. *Vestnik Moskovskogo universiteta. Seriya 5, Geografiya* NA: 36–50.
11. **Tsyplenkov, Anatoly**, Vanmaercke, Matthias, Collins, Adrian L., Kharchenko, Sergey, Golosov, Valentin. 2021. *Elucidating Suspended Sediment Dynamics in a Glacierized Catchment after an Exceptional Erosion Event: The Djankuat Catchment, Caucasus Mountains, Russia*. *CATENA* 203: 105285. DOI: 10.1016/j.catena.2021.105285
12. **Tsyplenkov, A. S.**, Golosov, V. N., Belyakova, P. A.. 2021. *How Did the Suspended Sediment Load Change in the North Caucasus during the Anthropocene?*. *Hydrological Processes* 35: 1–20. DOI: 10.1002/hyp.14403
13. **Tsyplenkov, Anatoly S.**, Ivanova, Nadezhda N., Botavin, Dmitry V., Kuznetsova, Yulia S., Golosov, Valentin N.. 2021. *Hydro-Meteorological Preconditions and Geomorphological Consequences of Extreme Flood in the Small River Basin in the Wet Subtropical Zone (the Tsanyk River Case Study, Sochi Region)*. *Vestnik of Saint Petersburg University. Earth Sciences* 66: NA. DOI: 10.21638/spbu07.2021.109

14. Chalov, S. R., **Tsyplenkov, A. S.**. 2020. *Influence of Macroturbulence on the Dynamics of River Water Turbidity*. Vestnik Moskovskogo universiteta. Seriya 5, Geografiya 0: 34–46.
15. Kharchenko, Sergey, **Tsyplenkov, Anatoly**, Petrakov, Dmitry, Golosov, Valentin. 2020. *Causes and Consequences of the Streambed Restructuring of the Koiavgan Creek (North Caucasus, Russia)*. E3S Web of Conferences 163: 02003. DOI: 10.1051/e3sconf/202016302003
16. **Tsyplenkov, Anatoly**, Vanmaercke, Matthias, Golosov, Valentin, Chalov, Sergey. 2020. *Suspended Sediment Budget and Intra-Event Sediment Dynamics of a Small Glaciated Mountainous Catchment in the Northern Caucasus*. Journal of Soils and Sediments 20: 3266–3281. DOI: 10.1007/s11368-020-02633-z
17. Kuznetsova, Yulia, Golosov, Valentin, **Tsyplenkov, Anatoly**, Ivanova, Nadezhda. 2019. *Quantifying Channel Bank Erosion of a Small Mountain River in Russian Wet Subtropics Using Erosion Pins*. Proceedings of the International Association of Hydrological Sciences 381: 79–86. DOI: 10.5194/piahs-381-79-2019
18. Rets, Ekaterina P., Popovnin, Viktor V., Toropov, Pavel A., Smirnov, Andrew M., Tokarev, Igor V., Chizhova, Julia N., Budantseva, Nadine A., Vasil'chuk, Yuriy K., Kireeva, Maria B., Ekaykin, Alexey A., Veres, Arina N., Aleynikov, Alexander A., Frolova, Natalia L., **Tsyplenkov, Anatoly S.**, Poliukhov, Aleksei A., Chalov, Sergey R., Aleshina, Maria A., Kornilova, Ekaterina D.. 2019. *Djankuat Glacier Station in the North Caucasus, Russia: A Database of Glaciological, Hydrological, and Meteorological Observations and Stable Isotope Sampling Results during 2007–2017*. Earth System Science Data 11: 1463–1481. DOI: 10.5194/essd-11-1463-2019
19. **Tsyplenkov, Anatoly**, Vanmaercke, Matthias, Golosov, Valentin. 2019. *Contemporary Suspended Sediment Yield of Caucasus Mountains*. Proceedings of the International Association of Hydrological Sciences 381: 87–93. DOI: 10.5194/piahs-381-87-2019
20. Chalov, S. R., **Tsyplenkov, A. S.**. 2017. *Sediment Discharge of Small Rivers in Areas of Active Volcanism (River Sukhaya Elizovskaya, Kamchatka)*. Geomorphology RAS NA: 104–116. DOI: 10.15356/0435-4281-2017-1-104-116
21. Chalov, Sergey R., **Tsyplenkov, Anatolii S.**, Pietron, Jan, Chalova, Aleksandra S., Shkolnyi, Danila I., Jarsjo, Jerker, Maerker, Michael. 2017. *Sediment Transport in Headwaters of a Volcanic Catchment-Kamchatka Peninsula Case Study*. Frontiers of Earth Science 11: 565–578. DOI: 10.1007/s11707-016-0632-x
22. Chalov, S., Golosov, V., **Tsyplenkov, A.**, Theuring, P., Zakerinejad, R., Maerker, M., Samokhin, M.. 2017. *A Toolbox for Sediment Budget Research in Small Catchments*. GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY 10: 43–68. DOI: 10.24057/2071-9388-2017-10-4-43-68
23. **Tsyplenkov, A. S.**, Golosov, V. N., Kuksina, L. V.. 2017. *Assessment of Basin Component of Suspended Sediment Yield Generated Due to Rainfall Events at Small Rivers in Wet and Dry Subtropics*. Engineering survey NA: 54–65. DOI: 10.25296/1997-8650-2017-9-54-65