

# AnatoliiTsyplenkov

atsyplenkov@gmail.com

## contact

129626, Moscow,  
Russia, Rizhskii Proezd,  
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## RG

Anatolii\_Tsyplenkov

## twitter

atsyplen

## github

atsyplenkov

## orcid

0000-0003-4144-8402

## languages

native Russian, English  
literary, written, & oral  
skills

## programming

**use:** R, QGIS, ArcGIS,  
SAGA, Statistica

## design:

R,  
Inkscape, Adobe  
Photoshop

## defining attributes

advanced analytic  
skills, strategic  
thinking, resourceful  
team player,  
public speaking,  
organizational &  
communication skills

## Interests

sediment transport, mountain hydrology, soil erosion modeling, turbidity measurements, R programming, bedload transport, mapping

## Education

**Ph.D.** in Hydrology, December 2019

Lomonosov Moscow State University

Thesis: *Suspended sediment load formation in small mountain river basins: general patterns and regional features*

**Researcher** Instructor-Researcher in Geosciences, October 2018, GPA 4.8

Lomonosov

Moscow State University

Thesis: *Spatial patterns of sediment yield in the small mountain river basins*

**Specialist (MS)** in Hydrology, June 2015, GPA 4.35

Lomonosov Moscow State University

Thesis: *Conditions of sediment load formation in small river basins of different mountain regions*

## Research Experience

2016-present

**N.I. Makkaveev Laboratory of Soil Erosion and Fluvial Processes,**  
**Lomonosov Moscow State University,** Junior Researcher

2015-2017

**Information Support Department, State Institute of Oceanography,** Engineer

## Other

august 2020

Organising Committee Secretary of *International Conference on the Status and Future of the World's Large Rivers* @ Moscow, Russia

august 2018

Organising Committee Secretary of *The Second International Young Scientists Forum on Soil and Water Conservation and ICCE symposium 2018 «Climate Change Impacts on Sediment Dynamics: Measurement, Modelling and Management»* @ Moscow, Russia

spring 2018

ERASMUS+ student at Liege University (Belgium), Faculté des Sciences, Département de Géographie | contact person: Dr. Matthias Vanmaercke

october 2016

Research staff exchange at Palermo University (Italy), Dipartimento di Scienze della Terra e del Mare | contact person: Dr. Christian Conoscenti

## International career highlights

International experience includes working for the People Marie Curie Actions International Research Staff exchange scheme call: **FP7Ppeople-2012-IRSES** «Fluvial processes and erosion dynamics in European river systems: Ecological effects of climate change and human activities». During spring 2018 Anatolii Tsyplenkov was an **ERASMUS+** student in University of Liege

## Presentations

**EGU 2020** @ Vienna, Austria

Web Presentation

**Anatolii Tsyplenkov**, Sergey Kharchenko, Matthias Vanmaercke, Valentin Golosov “Application of geomorphological mapping and fingerprinting to identify the different suspended sediment sources of the glaciated Djankuat catchment, Caucasus mountains”

**IUGG 2019** @ Montreal, Canada

Oral Presentation

**Anatolii Tsyplenkov**, Matthias Vanmaercke, Valentin Golosov, Sergey Chalov “Intra-Event Suspended Sediment Dynamics in a Small Glacierized Caucasus Basin”

**ICCE 2018** @ Moscow, Russia

Oral Presentation

**Anatolii Tsyplenkov**, Erlan A. Shynbergenov, Sergey R. Chalov, Oleg P. Ermolaev “Spatio-temporal assessment of soil erosion and sediment yield for a large river basin”

**ICCE 2018** @ Moscow, Russia

Poster

Varvara O. Bazilova, Sergey R. Chalov, **Anatolii Tsyplenkov** “Drivers of sedimentary fluxes assessment in alpine catchments”

**World’s Large Rivers 2017** @ New Delhi, India

Oral Presentation

**Anatolii Tsyplenkov**, Sergey R. Chalov “Testing soil erosion model for large river basins: Lena river”

## Peer-reviewed Publications

**Tsyplenkov, A.**, Vanmaercke, M., Golosov, V., & Chalov, S. (2020). Suspended sediment budget and intra-event sediment dynamics of a small glaciated mountainous catchment in the Northern Caucasus. *Journal of Soils and Sediments*. <http://doi.org/10.1007/s11368-020-02633-z>

**Tsyplenkov, A.**, Vanmaercke, M., & Golosov, V. (2019). Contemporary suspended sediment yield of caucasus mountains. *Proceedings of the International Association of Hydrological Sciences*, 381, 87–93. <http://doi.org/10.5194/piahs-381-87-2019>

Chalov, S. R., Golosov, V. N., **Tsyplenkov, A. S.**, Theuring, P., Zakerinejad, R., Maerker, M., & Samokhin, M. (2017). A TOOLBOX FOR SEDIMENT BUDGET RESEARCH IN SMALL CATCHMENTS. *GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY*, 10(4), 43–68. <http://doi.org/10.24057/2071-9388-2017-10-4-43-68>

Chalov, S. R., & **Tsyplenkov, A. S.** (2017). SEDIMENT DISCHARGE OF SMALL RIVERS IN AREAS OF ACTIVE VOLCANISM (River Sukhaya Elizovskaya, Kamchatka). *Geomorphology RAS*, 6(1), 104–116. <http://doi.org/10.15356/0435-4281-2017-1-104-116>

Chalov, S. R., **Tsyplenkov, A. S.**, Pietron, J., Chalova, A. S., Shkolnyi, D. I., Jarsjö, J., & Maerker, M. (2017). Sediment transport in headwaters of a volcanic catchment—Kamchatka Peninsula case study. *Frontiers of Earth Science*, 11(3), 565–578. <http://doi.org/10.1007/s11707-016-0632-x>