

Prof. Dr. Yakov Kuzyakov

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 Dept. of Agricultural Soil Science
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Scientific & Professional Career

- 2011 Professor (W3), University of Göttingen, Chair:
- Dept. of Soil Science of Temperate Ecosystems
- Dept. of Agricultural Soil Science
- 2010 Visiting Professor, IGSNRR
Chinese Academy of Sciences, Beijing
- 2006 Professor (W2), Dept. of Agroecosystem
Research, University of Bayreuth
- 2006 Director, Institute of Landscape Biogeochemistry
ZALF Müncheberg
- 2006 Professor (W2), Landscape Biogeochemistry
Technical University Cottbus
- 2002 Heisenberg-Fellow of DFG
University of Hohenheim, Stuttgart
- 2002 Habilitation, University of Hohenheim
- 1997 Researcher, University of Hohenheim
- 1993 Researcher, Humboldt University Berlin
- 1990 Head of Radioisotope Laboratory
Moscow Agricultural Academy
- 1990 PhD, Dr.rer.nat. Moscow Agricultural Academy
- 1986 Dipl.Agr.Ing., Martin-Luther-University, Halle/S

Expertise

Ecosystem sustainability, Soil ecology, Biogeochemistry, Rhizosphere ecology, Soil degradation, C and N cycles, C sequestration, Priming effects, Pedogenic carbonates, Nutrient mobilization, Rhizodeposition, Partitioning of CO₂ sources, Land use, Agroecology, Low molecular weight organic compounds

Stable & radioactive isotopes' applications: Labeling, Natural abundance, Isotope dilution, Imaging; Biomarkers

Research Project Leading (total > 30 projects)

DFG (German Research Foundation) ~ 15 Projects

Total sum in the last 5 years: > 6.0 Mio €

Other projects from BMBF, EU, DAAD, AvH, NSFC, ...

In: Germany China Tanzania Russia Indonesia Chile Korea

Editorial Boards

- | | |
|---|------|
| - Land Degradation & Development (Section Editor) | 4.7 |
| - Biogeosciences (Associate Editor) | 4.9 |
| - Rhizosphere (Associate Editor) | 3.7 |
| - Pedosphere | 5.7 |
| - International Agrophysics | 2.2 |
| - Soil Systems | 3.5 |
| - Soil Ecology Letters | 4.0 |
| - Soil Science & Environment (Associate Editor) | -- |
| - Earth Critical Zone | -- |
| - Farming System | -- |
| - Global Change Biology (2010-2014) | 11.6 |
| - Soil Biology & Biochemistry (2009-2024 Subj.Ed) | 9.7 |
| - Scientific Reports (2012-2022) | 4.6 |
| - Europ J Soil Biology (2005-2020, Field Editor) | 4.2 |
| - Plant and Soil (2001-2016) | 4.9 |
| - J. Plant Nutrition & Soil Science (2004-2022) | 2.5 |

IF 2022

Highly Cited Researcher 2015-2023 (Clarivate)

Highly Cited Papers > 60 (top 1% citations)

Hot Papers 15 (top 0.1% citations)

ISI Publications 780+ **65 Reviews/Meta-Analyses**

Citation Index 54,000+ **111 H-index** (WoS)

Awards

- 2021 Seagull Talent, NingBo University
- 2020 Visiting Professor, TyumGU, Tyumen
- 2019 Visiting Professor, Chengdu Uni of Technology
- 2018 Changjiang (Yangtze River) Scholar Award
- 2018 Visiting Professor, RUDN, Moscow
- 2017 Visiting Professor, IESDA Beijing
Chinese Academy of Agricultural Sciences
- 2017 Tianjin's 1000-Talents Short-Term Experts
- 2016 EGU Outstanding Editor Award
- 2015 John Waid Award for the best Review paper
in *Soil Biology & Biochemistry*
- 2015 High-end Foreign Experts Program
ISA Changsha CAS, China
- 2015 Chair Professor, Huazhong Agricultural
University, Wuhan Hubei, China
- 2013 Visiting Professor, ISA Changsha
Chinese Academy of Sciences
- 2011 Sir Allan Sewell Visiting Fellowship,
Griffith University, Brisbane, Australia
- 2010 Visiting Professor, IGSNRR Beijing
Chinese Academy of Sciences
- 2002-2005 Heisenberg Fellowship, DFG
- 1999-2002 Habilitation Fellowship, DFG

Long-term Research Experience Abroad

- | | | |
|------------|--------|----------------------------|
| 1-12. 2010 | China | IGSNRR, Beijing |
| 2004-2005 | UK | SAFS, University of Wales |
| 9-11. 2003 | UK | IGER, North Wyke |
| 1999-2000 | USA | UCSC, Santa Cruz |
| 1986-1993 | Russia | Moscow Agriculture Academy |

Graduate Advisory Experience

- 2 Habilitations finished (+2 ongoing)
- > 10 Postdocs finished
- 28 Doctoral students finished (+10 ongoing)
(9 with *summa cum laude*)
- > 25 MSc, Diploma & BSc students

Leading of Advanced Teaching Courses

- 1993- > 30 international field tours:
- 2016 *Soil Geography, Agroecology & Land Use*
in: Russia, Portugal, Italy; > 1200 Students
- 2002- 12 international PhD courses:
- 2019 *Isotopes in Ecosystem Sciences*
in: Germany, China, Chile, Poland
> 1000 PhD + MSc students

