

报告题目

報告人

Yakov Kuzyakov

Ekaterina A. Filimonenko

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How to make a good figure?

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Prof. Yakov Kuzyakov is a soil scientist at the Georg-August University of Göttingen, Germany. Since 2011, he has led the Department of Soil Science of Temperate Ecosystems and the Department of Agricultural Soil Science. His research focuses on soil biogeochemistry, particularly carbon and nitrogen cycling at the plant–soil–atmosphere interface, with a strong emphasis on rhizosphere priming effects and the application of stable and radioactive isotope techniques. His work has been published in scientific journals, including *Nature*, *The ISME Journal*, and *Nature Communications*. With an H-index of approximately 149, he has been recognized as a Clarivate Highly Cited Researcher for ten years. He also serves as a subject or section editor for journals including *Soil Biology & Biochemistry* and *Land Degradation & Development*.

A portrait photograph of Prof. Yakov Kuzyakov, a middle-aged man with a receding hairline and a light beard, wearing a yellow collared shirt under a grey jacket, smiling slightly against a blurred green background.

Prof. Ekaterina A. Filimonenko is a Senior Researcher at the University of Tyumen, Russia. Her research focuses on soil organic matter stability, thermal analysis in soil science, high-latitude ecosystems, and environmental geochemistry. She has studied the effects of arable land abandonment and wildfires on soil carbon cycling. Prof. Filimonenko has served as PI on a Russian Science Foundation project examining soil thermal properties as indicators of soil organic matter stability, and has contributed to major projects including Stability and Functions of Soil Carbon in Agroecosystems of Russia (CarboRus) project. She has co-authored papers in journals such as *Eurasian Soil Science*, *Soil Biology & Biochemistry*, and *Global Change Biology*. Her work has been recognized with the Medal of the Russian Academy of Sciences for Young Scientists, and she has received awards from the Tomsk Region in education, science, healthcare, and culture.

