

## Pavel KRASILNIKOV



- Eurasian Center for Food Security, Lomonosov Moscow State University, Russia
- Institute of Biology, Karelian Research Center of RAS, Russia

- 
- The Head of Land Resources Department, Eurasian Center of Food Security of Lomonosov Moscow State University, Moscow, Russia – since 2011 until now.
  - Member of the Central Committee, Chair of the Commission “Soils and Food Security” of the Docuchaev’s (Russian) Soil Science Society (2012 – until now)
  - Vice-chair of the Commission 1.4 “Soil Classification” of the International Union of Soil Science, 2010-2014.
  - Member of the Intergovernmental Technical Panel on Soils (ITPS), 2013-2015.
  - Member of the Editorial Board of the journals *Boletín de la Sociedad Geológica Mexicana*, *Eurasian Soil Science*, *Geoderma* and *Geoderma Regional*.

### Selected Research Projects

- Russian Foundation for Basic Research № 98-04-48476 “Soil formation in extremely acid environment” (1998-2000)
- Russian Foundation for Basic Research N° 03-04-48089 “The study of spatial variation of soil properties in various climatic zones” (2003-2005)
- SEP / CONACyT № 43702 “Pedogenic, geomorphologic, and geochemical processes in the formation of soil diversity of Sierra Sur de Oaxaca” (2004-2006)
- PAPIIT, № IN 104807 “The effect of soil diversity on the biodiversity of forest ecosystems of Mexico” (2007-2009)
- CONACyT № 55718 “Soilscapes of dynamic tropical zones: Sierra Madre del Sur” (2007-2010)
- Russian Foundation for Basic Research N° 09-04-0027 “Digital soil mapping at different scales: expansion of the theoretical bases and practical use” (2009-2011)
- Russian Foundation for Basic Research N° 13-04-00381 “Low-temperature ‘black carbon’ in soils: the origin and the role in soil functioning” (2013-2015)

### Selected Publications (Total of 161 scientific publications).

1. Krasilnikov P. V. & J. A. Tabor 2003 Perspectives on utilitarian ethnopedology. *Geoderma*. V. 111. P. 197-215.
2. Krasilnikov P.V., García Calderón N. E., Sedov S. N., Vallejo Gómez E., Ramos Bello R. 2005. The relationship between pedogenic and geomorphic processes in mountainous tropical forested area in Sierra Madre del Sur, Mexico. *Catena* 62(1). P. 14-44.
3. Krasilnikov, P., García Calderón, N.E. 2006. A WRB-based buried paleosol classification. *Quaternary International*. V. 156-157, P. 176-188.
4. Targulian V.O., Krasilnikov P.V. 2007. Soil system and pedogenic processes: Self-organization, time scales, and environmental significance. *Catena*, V. 71. P. 373-381.
5. Krasilnikov P.V., Ibáñez Martí J.J., Arnold, R.W., Shoba S.A. 2009. Handbook of soil terminology, correlation and classification. Earthscan Publ., London. 440 p.
6. Krasilnikov P.V., García-Calderón N.E., Ibáñez-Huerta A., Bazán-Mateos M. and Hernández-Santana J.R. 2011. Soilscapes in the dynamic tropical environments: The case of Sierra Madre del Sur. *Geomorphology*, vol. 135. № 3-4. P. 262-270.
7. Ibáñez J.-J., Krasilnikov P., Saldaña A. 2012. Archive and refugia of soil organisms: Applying a pedodiversity framework for the conservation of biological and non-biological heritages. *Journal of Applied Ecology*. Vol. 49. No. 6. P. 1267-1277.
8. Krasilnikov P., Gutiérrez-Castorena Ma. del C., Ahrens R., Cruz-Gaistardo C.O., Sedov S., Solleiro-Rebolledo E. *The soils of Mexico*. Springer, 2013. 186 p.
9. Hartemink A.E., Krasilnikov P., Bockheim J.G. 2013. Soil maps of the world. *Geoderma* 207–208: 256–267.