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Anexa 2-domenii de doctorat,  
Indicator A.3.2.1b.

Ph.D. Professor emeritus Constantin RUSU  
Department of Geography

## RELEVANT ACHIEVEMENTS FOR THE FIELD OF GEOGRAPHY

### 1. Relevant publications

- [1] Florea N., Munteanu I., Rusu C., Dumitru M., Iano Gh., Răducu D., Rogobete D., Rădu D. (2012). Romanian system of soil taxonomy (RSST). SITECH Publishing, Craiova (206 p.; ISBN 978-606-11-2090-1).
- [2] Bulgariu D., Rusu C., Bulgariu L. (2014). Current best practices for inorganic analysis (Chapter 3; p. 33-49). In: Gavrilăscu Maria and Bulgariu Laura (Eds.) „Contaminated soils: a guide to sampling and analysis”. Future Science Ltd, Unitec House, London, N3 1QB, UK. (ISBN: 978-1-909453-17-3).
- [3] Rusu C., Bulgariu D. (coord.) (2016). Studies and research in geosciences, vol. I. "Alexandru Ioan Cuza" University of Iasi Publishing (255 p. ISBN general: 978-606-714-254-9. ISBN vol. I: 978-606-714-255-6. web: <http://www.editura.uaic.ro/>).
- [4] Rusu C., Bulgariu D. (2016). Spatial conditioning of soil resources in the Neogene volcanic area of the Eastern Carpathians depending on the lithological support. În: „Studies and research in geosciences” (C. Rusu and D. Bulgariu, Eds.), vol. I, p. 119-158. "Alexandru Ioan Cuza" University of Iasi Publishing (ISBN general: 978-606-714-254-9. ISBN vol. I: 978-606-714-255-6. web: <http://www.editura.uaic.ro/>).
- [5] Rusu C., Bulgariu D. (Eds.) (2018). Studies and research in geosciences, vol. II. "Alexandru Ioan Cuza" University of Iasi Publishing (243 p. / ISBN general: 978-606-714-254-9 / ISBN vol. II: 978-606-714-478-9).
- [6] Rusu C., Bulgariu D., Vasiliniuc I. (Eds.) (2018). Landscapes from war theaters. "Alexandru Ioan Cuza" University of Iasi Publishing (232 p. / ISBN general: 978-606-714-487-1 / ISSN: 1582-4616).
- [7] Rusu C., Bulgariu D., Pirnău R.G., Vasiliniuc I. (2018). RSST 2012 – Current problems regarding the diagnosis and taxonomic classification of Romanian soils. În: „Studies and research in geosciences” (C. Rusu and D. Bulgariu, Eds.), vol. II, p. 89-148. "Alexandru Ioan Cuza" University of Iasi Publishing.
- [8] Bulgariu D., Bulgariu L., Rusu C. (2018). Considerations regarding the need to update and make compatible the methods of soil analysis used in Romania (Part I). În: „Studies and research in geosciences” (C. Rusu and D. Bulgariu, Eds.), vol. II, p. 149-184). "Alexandru Ioan Cuza" University of Iasi Publishing.
- [9] Rusu C., Bulgariu D., Vasiliniuc I., Pirnău R.G., Roșca B. (2018). Considerations on landscapes from war theaters. În: „Landscapes from war theaters” (C. Rusu, D. Bulgariu and I. Vasiliniuc, Eds.), p. 15-54. "Alexandru Ioan Cuza" University of Iasi Publishing. ISBN: 978-606-714-487-1.
- [10] Rusu C., Bulgariu D., Vasiliniuc I. (2019). Soil degradation - between theory and reality. În: C. Rusu, D. Bulgariu and I. Vasiliniuc, Eds., „Natural and anthropized landscapes from eastern Romania” (p. 15-31). "Alexandru Ioan Cuza" University of Iasi Publishing (ISBN: 978-606-714-549-6 / ISSN: 1582-4616).
- [11] Bulgariu D., Rusu C., Ațefanei D., Juravle D.T., Ciobanu C.S. (2019). Geochemical peculiarities of soils at the transition between urban and peri-urban areas - case study: Iași city. În: C. Rusu, D. Bulgariu and I. Vasiliniuc, Eds., „Natural and anthropized landscapes from eastern Romania” (p. 176-183). "Alexandru Ioan Cuza" University of Iasi Publishing (ISBN: 978-606-714-549-6 / ISSN: 1582-4616).

### 2. Research grants

- [1] CEEEX 756/2006 Grant with the theme: "The impact of hydroclimatic and pedo-geomorphological risks on the environment in the Bârlad Basin" (MEC Code 3391). Period of development: 2006-2008. Project director: Ph.D. Rusu Constantin.

[2] CNCSIS 1471 / 2005 Grant with the theme: „The pedological patrimony of the Eastern Carpathians and its evolution through silvo - pastoral exploitation“. Period of development: 2005-2007. Project director: Ph.D. Rusu Constantin.

### 3. Scientific exploration activities

- [1] Effective participation in the development of the "Romanian Polar Research Program" - organizing and conducting research stages in the Arctic (NWT-Canada, Svalbard Archipelago, NW-Greenland):
- May 25 - August 13, 1992: Participation in a polar research phase in the Canadian Arctic (Baffin Island and Bylot Island);
  - Period 6 April - 6 July 1994: participation in two stages of research in the Arctic, with two phases: the Svalbard Archipelago (Arctic Ocean) and North-West Greenland (Thule Region).
- [2] Organizing and coordinating a scientific expedition to India (New Delhi – Agra – Allahabad – Varanasi – Kolkata – Chennai – Mumbai – Jaipur – Amritsar) i Nepal (Katmandu - Pokara). Period: August 22 - September 21, 2005.
- [3] Participation in research activities in volcanic areas in the Mediterranean area (Etna, Vesuvius). Period: June 25 - July 5, 2007.

## INTERNATIONAL VISIBILITY

### 1. Committes member of scientific publications

- [1] Chief Editor - Journal „Soil forming factors and processes from the temperate zones“ (Journal homepage: <http://factori.soilscience.ro/index.php/fspdzt/index>. ISSN: 1582-4616. BDI: SCIPPIO).
- [2] Member of Editorial Board – Journal “Soil Science” (Journal of the Romanian National Society for Soil Science. Journal homepage: <https://snrss.wordpress.com/revista-stiinta-solului/>).
- [3] Member of Editorial Board – Journal “Present Environment and Sustainable Development” (ISI Thomson indexed journal. Journal homepage: <http://www.pesd.ro/>.)

### 2. Member in scientific committees of international conferences

- [1] Chairman of the Scientific Committee - National Symposium with International Participation „Soil forming factors and processes from the temperate zones“ (2015-2019 editions).
- [2] Member of the Scientific Committee - International Conference „Present Environment & Sustainable Development“ (2015-2019 editions).
- [3] Member of the Scientific Committee - Proceedings of the International Geographical Seminar "Dimitrie Cantemir" (2015-2019 editions).

5.06.2021

Ph.D. Em. Constantin RUSU

