

LIST OF PUBLICATIONS

A. BOOKS

A1. Romanian publisher

1. Savu P., **Bucur D.**, 2009 - *Watercourse regulation*, Ion Ionescu de la Brad Publisher, Iasi, 232 p, ISBN 978-973-147-028-3.
2. **Bucur D.**, 2007 - *Preserving agricultural land through land improvement works*. Ion Ionescu de la Brad Publisher, Iasi, 314 p, ISBN 978-973-7921-85-2.
3. Savu P., **Bucur D.**, 2002 - *Land use planning for sustainable agriculture*, Ion Ionescu de la Brad publisher, Iasi, 502 p, ISBN 973-8014-62-X.
4. Jițăreanu G., Răus L. **Bucur D.** (Eds.), 2007 - *Improvement, conservation and capitalization of degraded soils*, Ion Ionescu de la Brad Publisher, Iasi, 182 p., 978-973-7921-94-9.
5. Popescu Ch., **Bucur D.**, 2004 - *Capitalization of farmland exposed to pollution and degradation*, Ion Ionescu de la Brad Publisher, Iasi, 492 p, ISBN 973-7921-43-7.
6. Popescu Ch., Meglei V., **Bucur D.**, 2002 - *Environmental protection and capitalization of agricultural wastes, residues and waste water*, Tehnopress, Iasi, 206 p, ISBN 973-8377-06-4.
7. Popescu Ch., **Bucur D.**, 1999 - *Water and harvests*, Gheorghe Asachi Publisher, Iasi, 488 p, ISBN 973-99211-5-9.

A2. International publisher

1. **Bucur D. ed.**, 2019 - *Advanced Evapotranspiration Methods and Applications*, IntechOpen, London, DOI: 10.5772/intechopen.73720, 128 pages, ISBN: 978-1-78985-811-2 <https://www.intechopen.com/books/current-perspective-to-predict-actual-evapotranspiration>
2. **Bucur D. ed.**, 2017 - *Current Perspective to Predict Actual Evapotranspiration*, InTech, Rijeka, ISBN 978-953-51-3173-1, 114 pages.
3. **Bucur D. ed.**, 2016 - *River basin management*, InTech, Rijeka, ISBN 978-953-51-2604-1, DOI: 10.5772/61557, 316 pages, <http://dx.doi.org/10.5772/61557>.
4. **Bucur D.**, José María Senciales-González eds., 2022 - *Special Issue "River Basin Management and River Evolution Research"* - Water | Special Issue: River Basin Management and River Evolution Research (mdpi.com)
5. **Bucur D.**, Niacsu L. Eds, 2022, Water | Special Issue: Environmental Impact Assessment on Soil and Water Conservation, [Water | Special Issue : Environmental Impact Assessment on Soil and Water Conservation \(mdpi.com\)](#)
6. Niacsu L., **Bucur D.** Eds, 2022 - [Land | Special Issue : Soil and Water Conservation on Degraded Land \(mdpi.com\)](#)

A3. Chapters in books (international publishers)

1. **Bucur D.**, Jițareanu G., Ailincăi C., 2011 - *Soil erosion control on arable lands from North-east Romania*, In: *Soil erosion issues in agriculture*, Godone D., Stanchi Silvia eds., InTech, 295-314, ISBN 978-953-307-435-1.
2. **Bucur D.**, Moca V., 2012 - *Tile drainage on agricultural lands from North-East Romania - experimental variants and technical efficiency*, In: *Drainage systems*, Javaid M. S. ed., InTech, 211-240, ISBN 978-953-51-0243-4.

3. Barbuta M., Bucur R.D., Cimpeanu S.M., Paraschiv G., **Bucur D., 2015** - *Wastes in building materials industry*, In: *Agroecology*, Pilipavicius V. ed., 81 - 100, Intech, ISBN 978-953-51-4193-8.
4. Harja Maria, Cimpeanu M.S., Dirja M., **Bucur D., 2016** - *Synthesis of zeolite from fly ash and their use as soil amendment*, In: *Zeolites - Useful minerals*, Belviso Claudia ed., InTech, ISBN 978-953-51-2576-1, 43-66 pp, DOI: 10.5772/64126 - <http://dx.doi.org/10.5772/64126>.
5. Oprea R., Cimpeanu S.M., Teodorescu R. I., **Bucur D., 2017** - *Technical Efficiency of the Subsurface Drainage on Agricultural Lands in the Moldova River Meadow*, In: *Current Perspective on Irrigation and Drainage*, Kulshreshtha S. and Elshorbagy A. ed., InTech, ISBN 978-953-51-2951-6, 69-81 pp, - DOI: 10.5772/67258 - <http://dx.doi.org/10.5772/67258>.
6. Bernas J., Konvalina P., Brom J., Moudry J., Vesela T., **Bucur D., Dirja M., Shim S., 2019** - *Agrotechnology as Key Factor in Effective Use of Water on Arable Land*. In: Zelenakova M., Fialová J., Negm A. (eds) *Assessment and Protection of Water Resources in the Czech Republic*. Springer Water. Springer, Cham, pp. 275-312 DOI https://doi.org/10.1007/978-3-030-18363-9_12, ISBN 978-3-030-18362-2

PhD. Prof. Daniel Bucur