

## Publicatii

Articole in reviste cotate ISI Iorga, G., V. Paun, 2010, Scavenging by precipitation of major chemical constituents at two Romanian sampling sites, *Revista de Chimie*, 61(5): 00-00

Neagoe A., D. Merten, Virgil Iordache, G. Buechel, 2009, The effect of bioremediation methods involving different degrees of soil disturbance on the export of metals by leaching and by plant uptake. *Chemie der Erde - Geochemistry*, 69: 57-73

Citari ISI, Neagoe et al 2009 Iordache Virgil, S. Ion, A. Pohoac, 2009, Integrated modeling of metals biogeochemistry: potential and limits, *Chemie der Erde - Geochemistry*, 69: 125-169

Nr1 in Top25 al revistei, Iordache et al 2009

Articole in reviste indexate ISI Iordache V, Gherghel F, Kothe E, 2009, Assessing the Effect of Disturbances on Diversity of Ectomycorrhiza. *Int. J. Environ. Res. Public Health*, 6(2):414-432

Capitole in carti la edituri internationale (prima versiune a textului pentru capitelele publicate în 2012, pentru forma finală se vede la pagina Springer)(cuprinsul cartii Kothe and Varma):

Neagoe Aurora, Iordache Virgil, Ileana Farcasanu, 2012, The Role of Organic Matter in the Mobility of Metals in Contaminated Sites, in Kothe E, Varma A (Eds) *Biogeointeractions in contaminated soils*, Springer

Farcasanu Ileana, Matache Mihaela, Aurora Neagoe, Virgil Iordache, 2012, Hyperaccumulation: a Key to Heavy Metal Bioremediation, in Kothe E, Varma A (Eds) *Biogeointeractions in contaminated soils*, Springer

Jianu Denisa, Iordache Virgil, Barbara Soara, Lucian Petrescu, Aurora Neagoe, 2012, The Role of Mineralogy in Hazard Potential of Mining Areas, in Kothe E, Varma A (Eds) *Biogeointeractions in contaminated soils*, Springer

Iordache Virgil, Lacatusu Radu, Daniel Scradeanu, Marilena Onete, Stelian Ion, Aurora Neagoe, Denisa Jianu, Florian Bodescu, Dorina Purice, Ioana Cobzaru, 2012, Scale Specific Processes of Metals Mobility in Contaminated Areas, in Kothe E, Varma A (Eds) *Biogeointeractions in contaminated soils*, Springer

Iordache Virgil, E. Kothe, A. Neagoe, F. Gherghel, 2011, A conceptual framework for up-scaling ecological processes and application to ectomycorrhizal fungi, in Rai M., Varma A. (ed.) *Diversity and Biotechnology of Ectomycorrhiza*, Springer

Comunicari, publicatii in volume ale conferintelor

Pe baza rezultatelor proiectului am fost invitati (corespondenta aici) sa redactam si urmatorul capitol Springer, cu termen de predare sfarsitul lui decembrie 2010:

Neagoe Aurora, Iordache Virgil, Erika Kothe, 2011, The role of arbuscular mycorrhizal fungi in the mobility of metals in contaminated sites, in Goltapeh EM, Danesh ER, Varma A (Eds) *Fungi as bioremediators*, Springer

Neagoe Aurora a fost invitata sa prezinte rezultatele proiectului de Idei MECOTOR si ale proiectului FP7 UMBRELLA la intalnirea proiectului COST 870 de la Jyvaskyla, Finlanda, 12 decembrie 2010, Programul intalnirii si rezumatul prezentarii pot fi descarcate de aici. Descarca si prezentarea de aici:

Neagoe A, Iordache V, Kothe E, 2010, Effects of the inoculation with AM fungi on plant development and oxidative stress in areas contaminated with heavy metals, Jyvaskyla, Finland

Alte comunicari conform listelor din rapoartele stiintifice (a se vedea pagina Rapoarte), dintre care mentionam

Nicoara Andrei, Neagoe Aurora, Donciu Roxana, Iordache Virgil, 2010, The effects of mycorrhizal fungi, streptomycetes and plants on heavy metals mobility and bioaccumulation in an industrially enriched soil: preliminary results of a lysimeter experiment, *Proceedings of MEEMB Conference Timisoara*

Nicoara Andrei, Iordache Virgil, Neagoe Aurora, 2010, Lysimeter experiment on the influence of plant cover and microorganisms on heavy metals mobility in metal rich soil, COST 870 Workshop at Evora, Portugal, Book of abstracts

Bodescu Florian, Virgil Iordache, 2010, Modelling hydrological processes to evaluate alternatives for ecological reconstruction in the Danube floodplain near Braila, Romania, in "Proceedings of the 38th IAD Conference", Dresda, Germany

Nicoara Andrei, Bodescu Florian, Neagoe Aurora, Iordache Virgil, 2009, Lysimeters experiment with contaminated soil, 8th Symposium on remediation in Jena, Book of abstracts

Visan Livia, Roxana Sandu, Virgil Iordache, Aurora Neagoe, 2007, Influence of microorganisms community structure on the rate of metals percolation in soil, *Analele stiintifice ale UAIC*, 53: 79-88