

UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI

Facultatea de Hidrotehnică, Geodezie și Ingineria Mediului

Domeniul de masterat: Ingineria mediului

Programul de studii universitare de masterat: *Ingineria și Managementul Factorilor de Mediu*

Rezultatele activității de cercetare desfășurate de personalul didactic și de cercetare (ultimii 5 ani)

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului	Rezultatele activității de cercetare
1	Prof.univ.dr.ing. Biali Gabriela	<i>Cărți publicate</i> Biali Gabriela, Managementul Mediului. Concepte și principii. Editura Performantica, Iași. ISBN 978-606-685-644-7, 217 pag., Iași, 2019. <i>Lucrări indexate ISI/BDI publicate în ultimii 5 ani</i> Cojocar Paula, Maria-Cătălina Pastia, Gabriela Biali, Cristian Cojocar (2025), Heavy metal toxicity on Daphnia magna. Environments, vol.12(3) 70, https://doi.org/10.3390/environments12030070 Biali Gabriela, Pastia Maria Catalina, Cojocar Paula, Maftai Carmen Elena (2025), The applicability of GIS technology in the study of riverbed dynamics and morphology. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. XIII, Print ISSN 2285-6064, 30-38. In curs de publicare Biali Gabriela., Chiorescu E., Pastia M.C., Topa D., Motrescu I., Cara I.G. (2024), Research on the use of sludge from the pitești wastewater treatment plant as fertilizer. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. XIII, Print ISSN 2285-6064, 30-38. https://landreclamationjournal.usamv.ro/index.php/scientific-papers/current?id=638 Cojocar Paula, Biali Gabriela (2023), Management of manure. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol.XII, pp. 118-123, ISSN 2285-6072, 2023. https://landreclamationjournal.usamv.ro/index.php/scientific-papers/past-issues?id=584 Gabriela Biali, Paula Cojocar (2022), GIS hydrological modeling in an agricultural river basin with high potential for water erosion, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol.XI, pp. 406-413, ISSN 2285-6064. http://landreclamationjournal.usamv.ro/pdf/2022.

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3	Prof.univ.dr.ing. Giurma-Handley Catrinel-Raluca 50/28	<i>Cărți</i> Balan E.I., Giurma-Handley C.R., Balan I. (2025), Aspecte privind exploatarea la ape mari a acumulărilor complexe realizate cu baraje de pământ, Ed. Performantica, Iași, 208 pag., ISBN 978-630-138-4 Giurma-Handley R., Giurma I. (2022), Elemente de hidrologie avansată, Ed. Performantica, Iași, 209 pag., ISBN 978-606-685-926-4 Giurma-Handley R., Giurma I. (2021), Hidrologie, Ed. Performantica, Iași, 233 pag., ISBN 978-606-685-774-1 Giurma-Handley R., Giurma I., Bofu C. (2017), Metode și modele probabilistice ale sistemelor de mediu, Ed. Politehnicum, Iași, 112 pag., ISBN 978-973-621-462-2 Giurma-Handley R., Giurma I. (2017), Metode și modele probabilistice ale sistemelor de mediu. Aplicații, Ed. Politehnicum, Iași, 117 pag., ISBN 978-973-621-466-0 Giurma-Handley R., Cotiucă D., Telișcă M. (2015), Îndrumar pentru laboratorul de programarea calculatoarelor și informatică aplicată. Probleme rezolvate în Turbo Pascal, http://www.12.tuiasi.ro/facultati/hidro/index.php?page=806 <i>Lucrări științifice publicate în reviste cotate ISI și în volume indexate ISI proceedings</i>

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