



**Academia de Stiinte
Tehnice din Romania**

**Technical Sciences
Academy of Romania**

VIZIBILITATEA MEMBRILOR ASTR

LISTA CARTILOR SCRISE DE MEMBRII ASTR

Sectia 6 - Constructii si Urbanism

2025 - 2026

Nr. crt.	Denumire	Autor	Coautor/Coeditor	Obs.
1	Tratat de Inginerie Termica – Termotehnica in Constructii – vol.2. Editura AGIR, Bucuresti 2020, ISBN 978-973-720-789-0, ISBN 978-973-720-221-5	Prof.univ.dr.ing. Dan Constantinescu		
2	Rezilienta Climatica si Performanta Energetica si de Mediu a cladirilor de Locuit Colective, Editura Universitara Ion Mincu, Bucuresti 2020, ISBN 978-606-638-213-7	Prof.univ.dr.ing. Dan Constantinescu		
3	Mecanica rocilor pentru constructii subterane. Editura Matrix Rom, 2003, 207 pg	Prof.univ.dr.ing. Dan Stematiu		
4	Concrete Dams. Editura Conspress si UNESCO-IHE Delft, 2005, 176 pg	Prof.univ.dr.ing. Dan Stematiu		
5	Embankment Dams. Editura Conspress, 2006, 162 pg	Prof.univ.dr.ing. Dan Stematiu		
6	Dam Engineering. Editura UNESCO-IHE Delft, 2006, 332 pg	Prof.univ.dr.ing. Dan Stematiu		
7	Mecanica rocilor pentru constructori. Editura Conspress, 2008, 373 pg.	Prof.univ.dr.ing. Dan Stematiu		



Academia de Stiinte
Tehnice din Romania

Technical Sciences
Academy of Romania

8	Amenajari hidroenergetice. Editura Conspress, 2008, 319 pg	Prof.univ.dr.ing. Dan Stematiu		
9	Dam Safety Management. Editura Conspress, 2009, 108 pg	Prof.univ.dr.ing. Dan Stematiu		
10	Siguranta barajelor si managementul riscului. Editura Conspress, 2010, 556 pg		Prof.univ.dr.ing. Dan Stematiu	
11	Accidente si incidente la constructii hidrotehnice. Editura AGIR, 2018, 206 pg.	Prof.univ.dr.ing. Dan Stematiu		
12	Probleme moderne în inginerie civilă Ed. Stef, ISBN 973-8961-72-6, 2006		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
13	Probleme moderne ale structurilor compozite, Editura Cermi, ISBN 978-973-667-238-5, 2006		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
14	Sisteme constructive actuale inconstructii, Ed. Expertilor Tehnici, ISBN 973-87423, 2006		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
15	Soluții compozite de reabilitare a structurilor inginerești, Ed. Stef, ISBN 973-8961-71-4, 2006		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
16	Materiale si elemente compozite, Ed. Politehnum Iasi, ISBN 978-973-621-416-5, 2013		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
17	Structuri stratificate din lamele compozite armate cu fibre, Ed.Politehnum, Iasi, ISBN 978-973-621-486-8, 2019		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
18	Îmbinări adezive pentru elemente pultrudate din compozite polimerice armate cu fibre, Ed. Politehnum Iași, ISBN 978-973-621-495-0, 2020		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
19	Soluții sustenabile din materiale stabilizate și reciclabile pentru structuri rutiere, Ed. Politehnum, Iasi, ISBN 978-973-621-515-5, 2022		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	



Academia de Stiinte
Tehnice din Romania

Technical Sciences
Academy of Romania

20	Tehnici moderne de consolidare a structurilor din zidărie, ISBN 978-973-621-518-6, Editura Politehniun, Iași 2023		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
21	Contribuții la studiul acoperișurilor verzi, ISBN 978-073-621-553-7, Editura Universității Tehnice "Gheorghe Asachi" din Iași, 2024		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
22	Material Characteristics , Chap.2 from FRP reinforcement in RC structures. Sprint – Digital - Druck Stuttgart, ISBN 973-2-88394-080-2, 2007	Prof.univ.em.dr. ing.dhc. Nicolae Țăranu		
23	Life cycle analysis of strenghtening concrete beams with FRP. Chap.24 from Eco-efficient repair and rehabilitation of concrete infrastructures, Woodhead Publishing, Elsevier, Duxford, ISBN 978-0-08-102181-1, 2017		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
24	Chapter 4 - Structural Behavior of Masonry Panels Strengthened with Textile-reinforced Mortar in Technological Innovation in Engineering Research Vol. 7, BP International,London, ISBN-13 (15) 978-93-5547-781-1 (Print), 978-93-5547-782-8 (eBook), 2022	Prof.univ.em.dr. ing.dhc. Nicolae Țăranu		
25	Structural behaviour of CFRP-to-steel bonded joints in Techniques and Innovation in Engineering Research Vol. 7, Print ISBN: 978-81-959996-9-9, eBook ISBN: 978-81-959996-8-2, Ed. BP International, London, 2023		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
26	3D printing of architectural elements of cultural heritage using fiber-reinforced mortar: A novel approach for rehabilitation and conservation, 14th International Conference on non destructive investigations and microanalysis for the diagnostics and conservation of cultural and environmental heritage, in		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	



**Academia de Stiinte
Tehnice din Romania**

**Technical Sciences
Academy of Romania**

	Proceedings of AIPnD art 23, edited by Monica Volinia and Antonello Tamburrino, Print ISBN 979-12-5544-031-4, Editura WriteUp, Brescia, Italy, 2023			
27	Converting an industrial hall into a museum of industrial archeology: Approaches and plans for the transformation of "The tobacco storehouse" in Iasi, Romania, 14th International Conference on non destructive investigations and microanalysis for the diagnostics and conservation of cultural and environmental heritage, in Proceedings of AIPnD art 23, edited by Monica Volinia and Antonello Tamburrino, Print ISBN 979-12-5544-031-4, Editura WriteUp, Brescia, Italy, 2023		Prof.univ.em.dr. ing.dhc. Nicolae Țăranu	
28	Technical Barriers and Challenges to Circular Strategies Implementation. In: Bragança, L., et al. (eds.), Shaping Circular Transitions in the Built Environment. Springer Tracts in Civil Engineering, pp. 3-122. Springer, Cham. https://doi.org/10.1007/978-3-032-02834-1_1	Prof.univ.dr.ing. Viorel Ungureanu		
29	Drivers for Circular Economy in the Built Environment. In: Bragança, L., et al. (eds.), Shaping Circular Transitions in the Built Environment. Springer Tracts in Civil Engineering, pp. 123-185. Springer, Cham. https://doi.org/10.1007/978-3-032-02834-1_2	Prof.univ.dr.ing. Viorel Ungureanu		



30	Chapter 2 - Circular Materials - A Multiscale Approach to Circularity at a Building, Components and Materials Level. L. Bragança et al. (eds.), Circular Economy Design and Management in the Built Environment, Springer Tracts in Civil Engineering, pp. 25-41. https://doi.org/10.1007/978-3-031-73490-8_2	Prof.univ.dr.ing. Viorel Ungureanu		
31	Chapter 4 - Circular Manufacturing. L. Bragança et al. (eds.), Circular Economy Design and Management in the Built Environment, Springer Tracts in Civil Engineering, pp. 69-91. https://doi.org/10.1007/978-3-031-73490-8_4	Prof.univ.dr.ing. Viorel Ungureanu		
32	Chapter 5 - Recovery and Reuse of Salvaged Products and Building Materials from Existing Structures. L. Bragança et al. (eds.), Circular Economy Design and Management in the Built Environment, Springer Tracts in Civil Engineering, pp. 93-120. https://doi.org/10.1007/978-3-031-73490-8_5	Prof.univ.dr.ing. Viorel Ungureanu		
33	Chapter 8 - Modularity and Prefabrication. L. Bragança et al. (eds.), Circular Economy Design and Management in the Built Environment, Springer Tracts in Civil Engineering, pp. 215-256. https://doi.org/10.1007/978-3-031-73490-8_8	Prof.univ.dr.ing. Viorel Ungureanu		
34	Shaping Circular Transitions in the Built Environment. From Barriers to Enablers. Springer Tracts in Civil Engineering, ISSN 2366-259X ISSN 2366-2603 (electronic), ISBN 978-3-032-02833-4, ISBN 978-3-032-02834-1 (eBook), 2026. https://doi.org/10.1007/978-3-032-02834-1 .		Prof.univ.dr.ing. Viorel Ungureanu	



Academia de Stiinte
Tehnice din Romania

Technical Sciences
Academy of Romania

35	Circular Economy Design and Management in the Built Environment. A Critical Review of the State of the Art. Springer Tracts in Civil Engineering. ISSN 2366-259X ISSN 2366-2603 (electronic), ISBN 978-3-031-73489-2 ISBN 978-3-031-73490-8 (eBook), 2025. https://doi.org/10.1007/978-3-031-73490-8 .		Prof.univ.dr.ing. Viorel Ungureanu	
36	Har și pasiune în proiectarea podurilor, Ediția I-a, București, Editura AGIR, 2012, 336 pag	Dr.ing. Victor Popa		
37	Har și pasiune în proiectarea podurilor, Ediția II-a completată și adăugită, București, Editura AGIR, 2014, 388 pag	Dr.ing. Victor Popa		
38	Structuri cu arce metalice și grinzi de rigidizare tip Langer sau Nielsen folosite pentru realizarea podurilor, București, Editura AGIR, 2022, 336 pag	Dr.ing. Victor Popa		
39	Monografia podurilor rutiere peste canalele navigabile din România, București, Editura AGIR, 2023, 227 pag.	Dr.ing. Victor Popa		

Data: 25.03.2026

Presedinte,
Dr.ing. Victor Popa

Vicepresedinte,
Prof.univ.dr.ing. Ioan Tuns

Secretar,
Prof.univ.dr.ing. Ioan Aschilean