

Universitatea Politehnica Timisoara

Departamentul CCI

Comisia INGINERIE CIVILA SI MANAGEMENT

Candidat Conferentiar Dr. Ing. DAN Sorin-Ioan

Post nr ABILITARE

Documente doveditoare a informațiilor din

fișa de verificare privind îndeplinirea Standardelor minime

pentru obținerea abilitării

Dosar indeplinire Standarde minimale - Profesor - pentru ABILITARE
Candidat Conferentiar Dr. Ing. DAN Sorin-Ioan

Centralizator Standarde minimale necesare si obligatorii

1. Structura activității candidatului								Activitate candidat			
Nr. crt.	Domeniul activităților	Tipul activitatilor	Categorii si restrictii	Subcategoriile		Indicatori (kpi)	Criterii minime necesare (Profesor)	Numar realizat	Suma indicatori realizati		
0	1	2	3	4		5	6	7	8		
1	Activitatea didactica si profesionala (A1)	1.1 Carti si capitolare in carti de specialitate	1.1.1 Carti/capitole ca autor; pentru Profesor minim 2	1.1.1.1	internationale	nr. pagini/(2*nr. autori)		5	18.65		
				1.1.1.2	nationale	nr. pagini/(5*nr. autori)		2	44.40		
			1.1.2 Carti/capitole de carti ca editor/coordonator	1.1.2.1	internationale	nr. pagini/(3*nr. autori)		0	0.00		
				1.1.2.2	nationale	nr. pagini/(7*nr. autori)		0	0.00		
		1.2 Suport didactic	1.2.1 Manuale, suport de curs; pentru Profesor minim 2, din care 1 ca prim autor					nr. pagini/(10*nr. autori)	3	84.00	
			1.2.2 Indrumatoare de laborator/aplicatii; pentru Profesor minim 2, din care 1 ca prim autor					nr. pagini/(20*nr. autori)	2	6.15	
1.3 Coordonare programe de studii, organizare si coordonare programe de formare continua si proiecte educative (POS, Socrates, Leonardo, sa)		Punctaj unic pentru fiecare activitate (max. 10 activitati pentru Profesor)				10		1	10		
							Σ kpi ≥ 80		163.20		
2	Activitatea de cercetare (A2)	2.1 Articole in reviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings	Minim 8 articole pentru Profesor			(25+20 * factor impact) / nr.de aut		21	144.89		
						(25+20 * factor impact) / nr.de aut		30	189.52		
		2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale	Minim 12 articole pentru Profesor			20 / nr.de autori					
				Minim 8 articole pentru Conferentiar	2.3.1 Cotate ISI			50 / nr.de autori			
					2.3.2 Internationale, necotate ISI			35 / nr. de autori			
		2.3.3 Nationale		25 / nr. de autori							
		2.4 Granturi / proiecte castigate prin competitie	2.4.1 Director/ responsabil: Minim 2 pt. Profesor	2.4.1.1	internationale			20 * ani de desfasurare	1	40	
				2.4.1.2	nationale			10 * ani de desfasurare	3	80	
		2.5 Proiecte de cercetare/consultanta (valoarea de min 10000eur echivalent)	2.5.1 Responsabil					5/proiect	0	0	
				2.5.2 Membru in echipa				2/proiect	0	0	
							Σ kpi ≥ 300		699.41		
3	Recunoasterea si impactul activitatii (A3)	3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI		3.1.1	ISI	5 / nr aut art.citat		2	6.00		
				3.1.2	BDI	3 / nr aut art.citat		5	7.80		
		3.2 Prezentari invitate in plenum unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru Profesor)	3.2.1	internationale			10	6	60.00	
				3.2.2	nationale			5	0	0.00	
				3.3.1	ISI			10	1	10.00	
		3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI. Recenzor pentru reviste si manifestari stiintifice nationale si internationale	Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru Profesor)	3.3.2	BDI			6	9	54.00	
				3.3.3	nationale si internationale neindexate			3	0	0.00	
				3.4 Experienta de management	3.4.1	Conducere (rector, prorector, cancelar, decan, prodecan, dir. Dept, director scoala doctorala, director, director adj., sef sectie)			5*nr.ani	1	10.00
		3.4.2	Membru organisme conducere (senat, consiliu facultate, consiliu departament, cond administratie, consiliu)			2*nr.ani		4	34.00		
		3.5 Premii		3.5.1	Academia Romana			30			
				3.5.2	ASAS, AOSR, Academii de ramura si CNCISIS			15			
				3.5.3	Premii internationale			10			
				3.5.4	Premii nationale in domeniu			5	1	5.00	
		3.6 Membru in academiilor, organizatiilor, asociatiilor profesionale de prestigiu, nationale si internationale, apartenenta la organizatii din domeniul educatiei nationale si cercetarii		3.6.1	Academia Romana			100			
				3.6.2	ASAS, AOSR, si academiilor de ramura			30			
				3.6.3 Conducere asociatii profesionale	3.6.3.1	internationale			30		
					3.6.3.2	nationale			10		
3.6.4 Asociatii profesionale	3.6.4.1			internationale		5		3	15.00		
	3.6.4.2			nationale		2		1	2.00		
3.6.5 Consilii si organizatii in domeniul educatiei si cercetarii		3.6.5.1	Conducere		15						
		3.6.5.2	Membru		10		0	0.00			
							Σ kpi ≥ 70		203.80		
Indicatorul de merit (A = A1+A2+A3)						Σ k11 + Σ k21 + Σ k31	≥ 450		1066		

1.1 Carti si capitole in carti de specialitate

1.1.1 Carti /capitole ca autor; pentru profesor minim 2

1.1.1.1 Internationale

Nr. crt.	Autori	Titlul capitol	Titlul cartii	Editura	Anul	ISBN și / sau ISSN	Pagina de la ... pana la / nr pag	Nr pagini	Nr autori	Indicator realizat
18.65										
1	C. Bob, DAN Sorin, C. Badea, A. Gruin, L. Iures	Strengthening of the Frame Structure at the Timisoreana Brewery, Romania	Case study of Rehabilitation, Repair, Retrofitting and Strengthening of Structures	IABSE-AIPC-IVBH, ETH Honggerberg, Zurich, Switzerland	2010	ISBN: 978-3-85748-124-6	p57-79 / 13	13	5	1.30
2	DAN Sorin, J. Azevedo	Behaviour of Structures Subjected to Seismic Impact	Behaviour of Structures Subjected to Seismic Impact	Civil Engineering Department, Construction Institute, Lisbon, Portugal	1996	ISSN: 0871-7869	p1-51 / 51	51	2	12.75
3	C. Furdui, V. Stoian, D. Dubina, D. Pintea, DAN Sorin	General Criteria Regarding Fire Protection of Structures	The Fire Protection of Steel Structures	Klidiarhmos C. Books, Athens, Greece	1995		p76-96 / 21	21	5	2.10
4	V. Stoian, T. Clipii, G. Ciuhandu, DAN Sorin	Computer Aided Design by Strut-and-Tie Method	Eurocode 2 - Design of Concrete Structures	Klidiarhmos C. Books, Athens, Greece	1994		p31-37 / 6	6	4	0.75
5	C. Bob, DAN Sorin	Simplified Method for Analysis of reinforced Concrete Frames	Eurocode 2 - Design of Concrete Structures	Klidiarhmos C. Books, Athens, Greece	1994		p38-44 / 7	7	2	1.75

1.1 Carti si capitole în carti de specialitate

1.1.1 Carti /capitole ca autor; pentru profesor minim 2

1.1.1.2 Nationale

Nr. crt.	Autori	Titlul cartii	Editura	ISBN și / sau ISSN	Anul	Nr pagini	Nr autori	Indicator realizat
44.40								
1	R. Zaharia, D. Dubina, D. Pinte, DAN Sorin, D. Duma, O. Vassart, B. Zhao	Evaluarea rezistenței la foc a planșeelor compuse protejate parțial	Editura Orizonturi Universitare Timișoara	ISBN: 978-973-638-482-0	2011	126	7	3.60
2	DAN Sorin	Stabilirea capacității portante a structurilor de beton armat având diferite durate de exploatare	http://www.ct.upt.ro/users/SorinDan/index.htm	http://www.ct.upt.ro/users/SorinDan/index.htm	2016	204	1	40.80

1.2 Suport didactic

1.2.1 Manuale, suport de curs; pentru Profesor minim 2, din care 1 ca prim autor

Nr. crt.	Autori	Titlul cartii	Editura	ISBN și / sau ISSN	Anul	Nr pagini	Nr autori	Indicator realizat
84.00								
1	DAN Sorin, C. Bob Contributii: DAN Sorin - 223 pag C. Bob - 19 pag	Reinforced and Prestressed Concrete Structures	EUROSTAMPA	ISBN 978-606-569-896-3	2014	223	1	22.30
2	DAN Sorin	Structuri din beton armat si precomprimat	http://www.ct.upt.ro/users/SorinDan/index.htm	http://www.ct.upt.ro/users/SorinDan/index.htm	2015	275	1	27.50
3	DAN Sorin	Beton si structuri din beton - curs	http://www.ct.upt.ro/users/SorinDan/index.htm	http://www.ct.upt.ro/users/SorinDan/index.htm	2015	342	1	34.20

1.2 Suport didactic

1.2.2 Indrumare de laborator / aplicatii; pentru Profesor minim 2, din care 1 ca prim

Nr. crt.	Autori	Titlul	Editura	ISBN și / sau ISSN	Anul	Nr pagini	Nr autori	Indicator realizat
6.15								
1	DAN Sorin	Structuri in cadre din beton armat. Indrumator de proiectare	EUROSTAMPA	ISBN 978-606-569-898-7	2014	104	1	5.20
2	Agneta Tudor, Aurora Florea, DAN Sorin	Structuri din beton armat si beton precomprimat. Ghid de proiectare pentru studenti	http://www.library.upt.ro/index.html?servicii&cururi	http://edocs.library.upt.ro/TudorAgneta/CURS/Curs%20/	2013	57	3	0.95

1.3 Coordonare de programe de studii, organizare si coordonare programe de formare continua, proiecte educationale

Nr. crt.	Programul	Departamentul prin care s-a implementat	Tipul programului	Indicator realizat
10				
1	Calitate și dezvoltare durabilă în domeniul construcțiilor, Beneficiar: Inspectoratul de Stat în Construcții, Regiunea Vest	Dept. Construcții Civile și Instalații, Universitatea Politehnica Timisoara	Formare continua	10

2.1 Articole in reviste cotate ISI Thomson Reuters si in volumele indexate ISI Proceedings

Nr. crt.	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Pag.	Factor de impact	Nr autori	Indicator realizat
							34.27		
1	I. Mirel, C. Florescu, A. Girbaci, C. Girbaci, P. Dumitru, DAN Sorin, R. Popovici, G. Ionescu	Effects of Quantitative Changes on Drinking Water Quality Indicators of Urban Distribution Networks	Revista de Materiale Plastice, Bucuresti	2015	52/No. 4	504-509	0.903	8	5.38
2	R. Chendes, C. Bob, C. Badea, C.E. Podoleanu, DAN Sorin, L.	Experimental Research on Recycled Concrete Fines	Revista de Chimie, Bucuresti	2016	67/No.	1868-1871	0.956	6	7.35
3	C. Badea, DAN Sorin	Unburned Clay Bound Building Materials for Masonry	Revista de Materiale Plastice, Bucuresti	2016	53/No. 4	681-684	0.903	2	21.53

2.1 Articole in volumele indexate ISI Proceedings

Nr. crt.	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.	Nr autori	Indicator realizat
110.63									
1	C. Enuica, C. Bob, DAN Sorin, C. Badea Gruin Aurelian	Solutions for Bond Improving of Reinforced Concrete Columns Jacketing	SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING	2009	27-29 MAY	ISBN: 978-960-474-080-2	6	5	5.00
2	C. Bob, A. Leidal, L. Iures, I. Buchman, E. Jebelean, DAN Sorin, C. Badea, L. Bob	Aspects Regarding the Use of Self-Compacting Concretes	SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING	2009	27-29 MAY	ISBN: 978-960-474-080-2	6	8	3.13
3	DAN Sorin, C. Bob, L. Bob, A. Gruin, C. Badea	Modern Solutions for Strengthening of Masonry Structures	SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING	2009	27-29 MAY	ISBN: 978-960-474-080-2	6	5	5.00
4	C. Badea, C. Bob, I. Balcu, DAN Sorin, I. Buchman	Experimental Researches on Efficient Building Materials Made with Ultra Fine Fly Ash	Recent advanced in Materials Science, 1 st WSEAS International Conference on MATERIALS SCIENCE (MATERIALS'08) Bucharest Romania	2008	7-9 NOV.	ISBN:978-960-474-024-6; ISSN: 1790-2796	4	5	5.00
5	C. Badea, C. Bob, I. Balcu, DAN Sorin, I. Buchman, A. Gruin	The Carbonatation Proces Influence on Concrete Durability	Recent advanced in Materials Science, 1 st WSEAS International Conference on MATERIALS SCIENCE (MATERIALS'08) Bucharest Romania	2008	7-9 NOV.	ISBN:978-960-474-024-6; ISSN: 1790-2796	5	6	4.17
6	DAN Sorin, C. Badea, C. Bob, L. Iures	Strengthening of Reinforced Concrete Structures in Seismic Zones Using CFRP	WSEAS International Conference on Engineering Mechanics, Structures and Engineering Geology, Heraklion, Crete Island, Greece	2008	22-24 JULY	ISBN: 978-960-6766-88-6 ISSN: 1790-2769	6	4	6.25
7	DAN Sorin, C. Bob, A. Gruin	Analysis of Reinforced Concrete Existing Structures in Seismic Regions	WSEAS International Conference on Engineering Mechanics, Structures and Engineering Geology, Heraklion, Crete Island, Greece	2008	22-24 JULY	ISBN: 978-960-6766-88-6 ISSN: 1790-2769	6	3	8.33
8	C. Badea, L. Iures, I. Balcu, DAN Sorin	Building Materials Realized with Fly Ash	12th SGEM -Multidisciplinary conference, Albena, Bulgaria	2012	17-23 JUNE	ISSN: 1314-2704	6	4	6.25

9	L. Iures, C. Badea, I. Balcu, DAN Sorin	The sustainability of self compacted concrete with fly ash	12th SGEM -Multidisciplinary conference, Albena, Bulgaria	2012	17-23 JUNE	ISSN: 1314-2704	5	4	6.25
10	L. Iures, C. Badea, DAN Sorin	Sustainable Self Compacted Concrete Realized with Industrial Wastes	13th SGEM -Multidisciplinary conference, Albena, Bulgaria	2013	16-22 JUNE	ISSN: 1314-2704	6	3	8.33
11	DAN Sorin, L. Iures, C. Badea	Impact of Structural Rehabilitation of Existing Buildings on Energy Saving in Constructions	13th SGEM -Multidisciplinary conference, Albena, Bulgaria	2013	16-22 JUNE	ISSN: 1314-2704	6	3	8.33
12	C. Badea, L. Iures, DAN Sorin	The Recycling of Fly Ash to Obtain Building Materials	13th SGEM -Multidisciplinary conference, Albena, Bulgaria	2013	16-22 JUNE	ISSN: 1314-2704	6	3	8.33
13	L. Iures, C. Badea, DAN Sorin, C. Bob	Assessment of Cracking Index and Characteristic Contraction due to Concrete Shrinkage	13th SGEM -Multidisciplinary conference, Albena, Bulgaria	2013	16-22 JUNE	ISSN: 1314-2704	6	4	6.25
14	R. Chendes, C. Bob, L. Iures, C. Badea, DAN Sorin	Comparison between Limestone Filler and Recycled Concrete Finest Properties	15th SGEM -Multidisciplinary conference, Albena, Bulgaria	2015	18-24 JUNE	ISSN: 1314-2704	5	5	5.00
15	C. Badea, R. Chendes, L. Iures, DAN Sorin	High Strengths Mortars Realized through Silica Fume Recycling	15th SGEM -Multidisciplinary conference, Albena, Bulgaria	2015	18-24 JUNE	ISSN: 1314-2704	7	4	6.25
16	L. Iures, R. Chendes, C. Badea, DAN Sorin	Use of Rigid Polyurethane Wastes in Insulating Pannels	15th SGEM -Multidisciplinary conference, Albena, Bulgaria	2015	18-24 JUNE	ISSN: 1314-2704	7	4	6.25
17	C. Badea, R. Chendes, L. Iures, DAN Sorin	Waterproof Mortars Realized with Silica Fume and Special Additive	15th SGEM -Multidisciplinary conference, Albena, Bulgaria	2015	18-24 JUNE	ISSN: 1314-2704	6	4	6.25
18	C. Badea, R. Chendes, C. Bob, DAN Sorin	Recycling of Fly Ash and Dry Desulphurisation Residues from Timisoara Heat Station into Civil Construction Industry	15th National Technical-Scientific Conference on Modern Technologies for the 3rd Millenium, Oradea, Romania	2015	27-28 NOV.	ISBN: 978-88-7587-724-8	5	4	6.25

2.2 Articole in reviste indexate in alte baze de date internationale

Nr. crt.	Autori	Titlul lucrării	Revista	BDI (Baza de date internațională)	Anul	Vol (Nr.)	Pag.	Nr autori	Indicator realizat
54.19									
1	T. Iovan Steuerer, C. Badea, DAN Sorin, L. Iures	The Obtaining Technology of Road Materials Prepared With Fly Ash	Annals of West University of Timisoara, Series of Chemistry, 18(2) 1-8; http://www.chimie.uvt.ro/awut_sc/awut/index.php; Baza de date EBSCO-Academic Search Complete	Google Scholar, EBSCO	2009	8(2) 1-8	33-43	4	5.00
2	C. Bob, DAN Sorin, C. Badea, A. Gruin	Rehabilitation of Existing Structures Subjected to Extreme Events	Bulletin of the Polytechnic Institute of Jassy, Constructions, Architecture Section	Google Scholar, Index Copernicus, Ebsco, DOAJ	2007	LIII (LVII), Issue 1-2	87-95	5	4.00
3	DAN Sorin, C. Bob; C. Badea	Assessment and Strengthening of Existing RC Framed Structures	Bulletin of the Polytechnic Institute of Jassy, Constructions, Architecture Section	Google Scholar, Index Copernicus, Ebsco, DOAJ	2006	LII (LVI), Issue 1-2	79-88	3	6.67
4	C. Bob, C. Badea, DAN Sorin, A. Leidal	Self-Compacting Concrete in Precast Elements Industry	Bulletin of the Polytechnic Institute of Jassy, Constructions, Architecture Section	Google Scholar, Index Copernicus, Ebsco, DOAJ	2005	LI+(LV), Issue 3-4	71	4	5.00
5	C. Bob, DAN Sorin, N. Balut; A. Gadea	Rehabilitation of the Banatul Museum, Timisoara, Romania	Structural Engineering International, Journal of International Association for Bridge and Structural Engineering	INGENTA, Google Scholar	2001	Vol. 11, No. 4	231-233	4	5.00
6	C. Bob, DAN Sorin	The Increase of Building Performance to Seismic Actions	Bulletin AGIR	Google Scholar	2000	Vol. 5, No. 4	50-56	2	10.00
7	O. Susa, C. Badea, L. Iures, R. Chendes, DAN Sorin, A. Mite, M. Tivadar	Self-Compacting Concrete Realized with Basic Technology and Control	Bulletin of the Transilvania University of Braşov, CIBv 2015	Google Scholar	2015	Vol. 8 (57) Special Issue No. 1	153-158	7	2.86
8	L. Iures, C. Bob, R. Chendes, DAN Sorin, R. Popa	Condition Monitoring of the Reinforcement's Corrosion in Structural Elements	Bulletin of the Transilvania University of Braşov, CIBv 2015	Google Scholar	2015	Vol. 8 (57) Special Issue No. 1	99-104	5	4.00
9	R. Chendes, C. Bob, C. Badea, DAN Sorin	High Performance and Durability of Recycled Silica Fume Mortars	Bulletin of the Transilvania University of Braşov, CIBv 2015	Google Scholar	2015	Vol. 8 (57) Special Issue No. 1	33-38	4	5.00
10	DAN Sorin, C. Badea, L. Iures	Behaviour of Reinforced Concrete Structures Subjected to Seismic Impact	Bulletin of the Transilvania University of Braşov - CIBv 2016 ISSN 2065-2127	Google Scholar	2016	Vol. 9 (58) Special Issue No.1	31-37	3	6.67

2.1 Articole in volumele unor manifestari stiintifice indexate in alte BDI

Nr. crt.	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	BDI (Bza de date internaționala)	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.	Nr autori	Indicator realizat
135.33										
1	C. Badea, S. Smeu, A. Gal, L. Iures, DAN Sorin	Clay Bound Building Materials Environment Fryendly	WSEAS Proceedings of the 12th International Conference on Environment, Ecosystems and Development (EED 14), BRASOV, ROMANIA	SCOPUS	2014	26-28 June	ISBN: 978-960-474-385-8	143-146	5	4.00
2	E. Jebelean, L. Iures, C. Badea, DAN Sorin	Friendly Environment Concrete Made with Industrial Waste	WSEAS Proceedings of the 12th International Conference on Environment, Ecosystems and Development (EED 14), BRASOV, ROMANIA	SCOPUS	2014	26-28 June	ISBN: 978-960-474-385-8	191-194	4	5.00
3	DAN Sorin, C. Bob, C. Badea, L. Iures	Risk Assessment and rehabilitation of Historical Masonry Buildings	Proceedings of the 12th International Conference on Environment, Ecosystems and Development (EED 14), BRASOV, ROMANIA	SCOPUS	2014	26-28 June	ISBN: 978-960-474-385-8		4	5.00
4	DAN Sorin, C. Bob, C. Badea	Impact of New Design Codes on Assessment and Redesign of Reinforced Concrete Existing Structures in Seismic Regions	Large Structures and Infrastructures for Environmentally Constrained and Urbanised Areas, IABSE, Venice, Italy	INGENTA	2010	Sept	ISBN: 978-385748-121-5	10	3	6.67
5	C. Bob, DAN Sorin, C. Badea, A. Gruin, S. Marginean, T. Dencsak	Assessment and Strengthening of a Composite Structure	Large Structures and Infrastructures for Environmentally Constrained and Urbanised Areas, IABSE, Venice, Italy	INGENTACONNECT	2010	Sept	ISBN: 978-385748-121-5	6	6	3.33
6	C. Bob, DAN Sorin, C. Badea, A. Gruin, D. Pavlou	Retrofitting of Historical Masonry Buildings in Seismic Zones	Sustainable Infrastructure Environment Friendly, Safe and Resource Efficient, 33rd IABSE Symposium, Bangkok, Thailand	INGENTACONNECT	2009	Sept	ISBN: 978-385748-121-5	8	5	4.00
7	DAN Sorin, C. Enuica, C. Badea, C. Bob	Modern Solutions for Rehabilitation of Old Reinforced Concrete Structures	Sustainable Infrastructure Environment Friendly, Safe and Resource Efficient, 33rd IABSE Symposium, Bangkok, Thailand	INGENTACONNECT	2009	Sept	ISBN: 978-385748-121-5	9	4	5.00
8	DAN Sorin, C. Bob, C. Enuica, L. Bob, C. Badea, A. Gruin	Modern Solutions for Strengthening of Structural Elements	7th CONGRESS OF IABSE Creating and Renewing Urban Structures, Chicago	INGENTACONNECT	2008	Sept	ISBN: 978-3-85748-118-5	2	6	3.33
9	C. Bob, DAN Sorin, C. Badea, L. Iures, A. Gruin	Life assessment and structural rehabilitation for extreme actions	FIB Symposium "Concrete Structures-Simulators of Development", Dubrovnik, Croatia	SCOPUS	2007	20-23 May	ISBN 978-953-95428-3-0		5	4.00
10	C. Bob, DAN Sorin, C. Badea, A. Gruin	Life Assessment and Demolition of a RC Framed Structure	FIB Congress, Session 18 – Sustainability (recycling, life cycle assessment, dismantling and demolition), Napoli, Italy	SCOPUS	2006	5-8 June	ISBN 10: 88-88972-06-8		4	5.00

11	C. Bob, DAN Sorin, C. Badea, A. Gruin	Refurbishment of old building y classic and modern technologies	IABSE Symposium, Responding to Tomorrow's Challenges in Structural Engineering Budapesta	SCOPUS, INGENTACONNECT	2006	Sept	ISBN 3-85748-114-5	6	4	5.00
12	C. Bob, DAN Sorin, C. Badea, L. Iures	Classic and modern solutions for rehabilitation of reinforced concrete structures	Structures and Extreme Events, IABSE, Lisbon, Portugal	B+, Index Copernicus, Ingentaconnect	2005	Sept	ISBN: 3-85748-112-9	41-48	4	5.00
13	D. Dubina, R. Zaharia, DAN Sorin	The influence of node semi-rigidity on the behavior of cold-formed steel members in plane trusses	Proceedings - Annual Technical Session, Structural Stability Research Council, Kansas City, USA	SCOPUS	1995	27-28 March	ISBN: 3-85748-112-9	103-113	3	6.67
14	C. Bob, DAN Sorin	Repair and Renewal of Existing Structures in Seismic Zones	IABSE Symposium Report, IABSE Symposium, Shanghai 2004: Metropolitan Habitats and Infrastructure	INGENTACONNECT	2004	Sept		7-12	2	10.00
15	C. Bob, DAN Sorin	Analysis, Redesign and Rehabilitation of Reinforced Concrete Framed Structures in Seismic Regions	fib-Symposium Concrete Structures in Seismic Regions, 2003, Athens	SCOPUS	2003	May		10	2	10.00
16	DAN Sorin, C. Bob, L. Iures	Assessment and Redesign of RC Existing Structures in Seismic Regions	FIB Congress, Napoli, Italy	SCOPUS	2006	5-8 June	ISBN 10: 88-88972-06-8	10	3	6.67
17	DAN Sorin	Energy saving with rehabilitation solutions for existing structures	4th WSEAS International Conference on Energy Planning, Energy Saving, Environmental Education, EPESE'10	SCOPUS	2010	3-6 May	ISBN: 978-960-474-187-8	6	1	20.00
18	R. Chendes, DAN Sorin, L. Courard	Comparison of Shear and Pull-off Tests for Testing Adhesion of Different Content Limestone Fillers Mortars Used aAs Repair System	Construction Sustainability: Efficient Solution for Design, Execution and Rehabilitation of the Buildings, Editura Politehnica	Google Scholar	2013	24-25 May		6	3	6.67
19	DAN Sorin, S.Herban	Structural Rehabilitation of Historical Masonry Buildings in Romania	3rd International Conference Contemporary Achievements In Civil Engineering, Subotica, Serbia	Google Scholar	2015	24 Apr.		6	2	10.00
20	R. Chendes, C. Bob, L. Iures, DAN Sorin	Experimental research on recycled concrete aggregates (RCA)	9th International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '16), Mallorca, Spain	Google Scholar	2016	19-21 Aug.		6	2	10.00

2.4 Granturi / proiecte castigate prin competitie

2.4.1 Director / responsabil
 2.4.2 Membru in echipa

2.4.1.1 INTERNATIONALE
 2.4.2.1 INTERNATIONALE

Nr. crt.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Nr. Grant	Perioada de desfasurare	Ani de desfasurare	Valoare grant EURO	Beneficiar	Poziția în cadrul echipei de cercetare		Indicator realizat	Indicator realizat	Confirm corectitudinea datelor declarate. DIRECTOR GRANT/PROJECT Semnătura
								Director	Membru în echipa de cercetare	Director/Responsabil	Membru	
										40	40	
1	C. Bob, I. Buchman, DAN Sorin, E. Jebelean, C. Badea	Recycling of Fly Ash for Producing Building and Construction Materials Based on a Neww Mineral Binder System, COPERNICUS PROJECT	CIPA-CT94-0178; Stage 1995-1997	1995-1997	2	10,000	UNIUNEA EUROPEANA		X	0	20	
2	C. Bob, I. Buchman, E. Jebelean, DAN Sorin, C. Badea	High Performance Materials Derived from Industrial Waste Gypsum, INCO COPERNICUS PROJECT	ERB IC 15CT 960741; Stage 1997-1999	1997-1999	2	20,000	UNIUNEA EUROPEANA		X	0	20	
3	DAN Sorin, C. Badea, L. Iures	Valorisation des additions minérales pour la production de bétons écologiques et durables	Program 2012-2014 între WBI – FRS-FNRS, Belgia și Universitatea Politehnica Timisoara	2012-2014	2	9,000	WBI – FRS-FNRS, Belgia	X		40	0	

2.4 Granturi / proiecte castigate prin competitie

responsabil
 2.4.2 Membru in
 echipa

2.4.1.2 NATIONALE

2.4.2.2 NATIONALE

Nr. crt.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Programul	Nr contract	Perioada de desfasurare	Ani de desfasurare	Valoare grant RON	Poziția în cadrul echipei de cercetare		Indicator realizat	Indicator realizat	Confirm corectitudinea datelor declarate. DIRECTOR GRANT/PROIECT Semnătura
								Director	Membru în echipa de cercetare			
										80	205	
1	G. Fagadar, C. Bob, I. Buchman, C. Badea, L. Iures, E. Jebelean, DAN Sorin	Nanocompozite multifuncționale pe bază de arhitecturi supra-moleculare cu proprietăți optoelectronice, fotochimice și biologice-precursori pt. materialele avansate	Proiect CEEX MATNANTECH, de cercetare-dezvoltare, domeniu prioritar:Procese si produse inovative	CEEX 48/2006	2006-2009	3	180,000		X		15	
2	C. Bob, I. Buchman, DAN Sorin, C. Badea, L. Iures, E. Jebelean	Soluție inovativă de optimizare a microstructurii compoziției betonului autocompactant pentru realizarea performantă a elementelor prefabricate din beton	Proiect CEEX de cercetare-dezvoltare	CEEX 96/2006	2006-2009	3	50,000		X		15	
3	DAN Sorin, C. Bob, A. Florea, L. Bob, V. Florea, C. Badea, L. Iures, A. Gruin, M. Dan	Solutii moderne si eficiente pentru consolidarea structurilor din beton si zidarie	CNCSIS MEC	27688/2005, Tema 9	2005-2007	3	82,500	X		30		
4	C. Bob, I. Buchman, E. Jebelean, DAN Sorin, C. Badea	Monitorizarea, expertizarea si reproiectarea constructiilor din beton armat existente	CNCSIS MEC	A 34977	1999-2001	3			X		15	
5	C. Badea, DAN Sorin, I. Balcu, M. Mirica	Evaluarea teoretica si experimentală a durabilitatii structurilor din beton armat	CNCSIS MEC	A 6153	2000-2001	2			X		10	
6	C. Bob, I. Buchman, E. Jebelean, DAN Sorin, C. Badea	Utilizarea cenusei de termocentrala la fabricarea unor noi tipuri de elemente de constructii	CNCSIS MEC	GRANT CNCSU 7004 Tema 1	1995-1997	3			X		15	
7	C. Bob, I. Buchman, E. Jebelean, DAN Sorin, C. Badea, A. Gruin, G. Fagadar, A. Szitar	Materiale cu performanțe ridicate obținute din subproduse reutilizabile	Grant ANSTI Tip C	GR 6153/2000 Tema B14	2000-2001	2	6,020		X		10	
8	DAN Sorin, C. Bob corneliu, D. Dan, L. Fekete, A. Gruin, L. Iures	Reproiectarea construcțiilor de beton armat existente în vederea reabilitării	Grant ANSTI Tip T	GR 6153/2000 Tema B16	2000-2001	2	3,500	X		20		
9	DAN Sorin, C. Bob, I. Buchman, E. Jebelean, G. Fagadar, L. Iures, A. Gruin	Reabilitarea structurilor de beton armat prin folosirea compozitelor pe baza de fibre de carbon	CNCSIS MEC	GRANT 33501/2002, Tema 10	2002-2004	3	25,200	X		30		
10	C. Furdui, D. Dubina, V. Stoian, DAN Sorin, D. Pinte	Comportarea elementelor structurale ale constructiilor la actiunea focului	CNCSU Ministerul Invatamintului	GRANT 5004/1996 Tema 338	1995-1997	3	4,500,000		X		15	
11	V. Stoian, C. Bob, T. Clipii, DAN Sorin	Studii și cercetări privind comportarea și alcătuirea structurilor din beton armat și beton precomprimat realizate industrial	Ministerul Cercetării si Tehnologiei	GRANT 1092/B-1993 Tema 16	1991-1993	3			X		15	
12	C. Bob, I. Cadar, I. Patcas, D. Popescu, DAN Sorin	Elemente și structuri eficiente pentru construcții, din beton armat și beton precomprimat	Ministerul Invatamintului, Dir. Cercet. si Doctorat	GRANT 5004/C-1993 Tema 21	1993	1	980,000		X		5	
13	V. Stoian, C. Bob, T. Clipii, I. Cadar, I. Patcas, DAN Sorin	Aspecte actuale privind sporirea eficienței structurilor din beton armat și beton precomprimat	Ministerul Educatiei Nationale CNCSU	GRANT CNCSU 7004 Tema 3	1995-1997	3			X		15	

14	V. Stoian, D. Tudor, S. Ianca, DAN Sorin	Studiul comportării structurilor din zidărie portantă armată la solicitări seismice	MCT	GRANT 437/1996 Tema 16.4.B3	1996	1			X		5	
15	V. Stoian, C. Bob, T. Clipii, I. Cadar, I. Patcas, DAN Sorin	Optimizarea proiectării și alcătuirii construcțiilor civile și industriale din beton armat și cu structură mixtă beton	Ministerul Educatiei Nationale CNCSU	GRANT 36/1998 Tema 6	1998-2000	3			X		15	
16	C. Bob, C. Furdui, I. Buchman, E. Jebelean, DAN Sorin	Utilizarea cenusei de termocentrala la realizarea de materiale usoare de izolatie	Ministerul Educatiei Nationale CNCSU	GRANT CNCSU 36/1998 Tema 13	1997-1998	2			X		10	
17	C. Bob, I. Buchman, E. Jebelean E, C. Badea, L. Iures, DAN Sorin	Materiale cu performante ridicate obtinute din subproduse reutilizabile	CNCSIS MEC	6153	2000-2001	2			X		10	
18	E. Jebelean, I. Buchman, C. Bob, C. Badea, L. Iures, DAN Sorin	Betoane cu aditivi superplastifianți	CNCSIS MEC	335550	2001-2003	3	14,000		X		15	
19	I. Buchman, C. Bob, E. Jebelean, G. Fagadar, C. Badea, L. Iures, DAN Sorin	Betoane de înalte performanțe	CNCSIS MEC	A 33550; TEMA 4	2001-2003	3	13,900		X		15	
20	Dubina D., Zaharia R., Stratan A., Suba D., Macarie I., Marginean I., Both I., Dogariu I., Dinu F., Beillici R., Costescu A., Garbaci A., Florescu C., Dan D., DAN Sorin, Chendes R., Badea C., Diaconu D., Stoian V., Bindean A., Marc P., Scarlat C., Herban S., Grecea C., Roman O., Belc F., Lucaci G., Sangeorzan B., Buzuriu A., Mirea M., Costescu C.	Platforma integrată de cercetare-dezvoltare pentru comportarea construcțiilor la acțiuni extreme (ACTEX)	POSCE-A2-O2.2.1- 2013-1	662/8.08.2014 POS CCE ID1827/SMIS48 741	2014	1	19,632,036		X		5	

2.5 Proiecte

Nr. crt.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Nr contract	Anul	Valoare anuală contract RON (în țară)	Valoare anuală contract EURO (în străinătate)	Beneficiar	Poziția în cadrul echipei de cercetare		Indicator realizat	Indicator realizat	Confirm corectitudinea datelor declarate. DIRECTOR GRANT/PROIECT Semnătura
								Director	Membri în echipa de cercetare	Director/Responsabil	Membri	
										0	0	
	C. Bob, C. Badea, A. Gruin, DAN Sorin, L. Iures	Expertiza tehnica la S.C. Compania de bere Romania SA Timisoara - Siloz	222	2008	23,000		SC URSUS BREWERIES SA TIMISOARA			0	0	
	C. Bob, DAN Sorin, C. Badea, L. Iures , A. Gruin	Expertiza tehnica Corp 20	26	2008	14,280		SC URSUS BREWERIES SA SUCURSALA TIMISOARA			0	0	
	C. Bob, C. Badea, A. Gruin, DAN Sorin, L. Iures	EXPERTIZĂ TEHNICĂ LA CLĂDIREA 21 - CASA MAȘINI	BC 757	2007	20,000		SC URSUS BREWERIES SA TIMISOARA			0	0	

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI
3.1.1 ISI

Nr. crt.	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul ISI in care se citeaza	Nr autori ai articolului	Indicator realizat
						6.00
1	An Optimum Retrofit Strategy for Rehabilitation of Reinforced Concrete Buildings Using FRP for Columns, S.M.S. Asaei, T.L. Lau, N.M. Bunnori	Strengthening of reinforced concrete structures in seismic zones using CFRP	DAN Sorin, C. Bob, A. Gruin, C. Badea, L. Iures	Caspian Journal of Applied Sciences Research . 2012, Vol. 1 Issue 13, p205-223. 19p.	5	1.00
2	Thermal Rehabilitation of Buildings, I. Sarbu, C. Sebarchievici	Energy saving with rehabilitation solutions for existing structures	DAN Sorin	INTERNATIONAL JOURNAL OF ENERGY, Issue 2, Vol. 5, 2011	1	5.00

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI
 3.1.2 BDI

Nr. crt.	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingsul BDI in care se citeaza	BDI	Nr autori ai articolului	Indicator realizat
							7.80
1	A Material for Substructure and Road Works: Mechanical Characteristics of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania - V. Boboc, A. Rotaru, A. Boboc	Experimental Researches on Efficient Building Materials Made with Ultra Fine Fly Ash	C. Badea, C. Bob, I. Balcu, DAN Sorin, I. Buchman	Recent Advances in Material Science. In: Proceeding MATERIALS'08, Proceedings of the 1st WSEAS International Conference on Material Science, Bucharest, 2008	Google Scholar	5	0.60
2	RC Structures a Solution for Sustainable Development, C. Bob, T. Dencsak	Energy Saving with Rehabilitation Solutions for Existing Structures	DAN Sorin	IABSE Symposium Report, IABSE Symposium, Sharm El Sheikh 2012: Global Thinking In Structural Engineering: Recent Achievements, pp. 9-16(8)	Google Scholar	1	3.00
3	A Sustainability Model for the Assessment of Civil Engineer Works, C. Bob, T. Dencsak, L. Bob	Energy Saving with Rehabilitation Solutions for Existing Structures	DAN Sorin	Recent Advances in Energy, Environment, Biology and Ecology, Proceedings of the 10th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '14), Tenerife, 2014	Google Scholar	1	3.00
4	Evaluation of Seismic Retrofitting Techniques Used in Old Reinforced Concrete Buildings, A.A. Farghaly, A.M. Abdallah	Rehabilitation of Existing Structures Subjected to Extreme Events	C. Bob, DAN Sorin, C. Badea, A. Gruin, L. Iures	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 04, Issue 06 (June. 2014), V4 PP 14-22	Google Scholar	5	0.60
5	Sustainability of New and Strengthened Buildings, C. Bob, L. Bob	Strengthening of Reinforced Concrete Structures in Seismic Zones by Using CFRP	DAN Sorin, C. Bob, A. Gruin, C. Badea, L. Iures	SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING, Timisoara, 2009	Google Scholar	5	0.60

3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv Erasmus)

3.2.1 Internationale

Nr. crt.	Manifestarea	Anul Luna Locul	Indicator realizat
			60.00
1	LECTURES: Steel and Reinforced Concrete Structures I - 2nd Part: Reinforced Concrete Structures	2010, October-December, University of Liege, Belgium	10.00
2	LECTURES: Steel and Reinforced Concrete Structures I - 2nd Part: Reinforced Concrete Structures	2011, January-May, University of Liege, Belgium	10.00
3	LECTURES: Steel and Reinforced Concrete Structures I - 2nd Part: Reinforced Concrete Structures	2011, November-December, University of Liege, Belgium	10.00
4	LECTURES: Steel and Reinforced Concrete Structures I - 2nd Part: Reinforced Concrete Structures	2012, February-April, University of Liege, Belgium	10.00
5	LECTURES: SUSCOS MASTER Liege: Advanced Design of Reinforced Concrete Structures	2013, December, University of Liege, Belgium	10.00
6	Prezentare in plenul "International Scientific Conference CIBv 2016" - "Behaviour of reinforced concrete structures subjected to seismic impact"	2016, Octombrie, Universitatea Transilvania din Brasov, Romania	10.00

3.3 Membru in colectivele de redactie sau comitetele stiintifice si manifestarilor stiintifice, organizator de manif stiintifice , recenzor pentru reviste si manifestari stiintifice nationale si internationale

3.3.1 ISI

Nr. crt.	Manifestarea/ Revista / Rolul	Anul Luna Locul	Indicator realizat
			10.00
1	SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING	2009, May, Timisoara, Romania	10

3.3.2 BDI

Nr. crt.	Manifestarea	Anul Luna Locul	Indicator realizat
			54.00
	Recent advances in the construction and strengthening of non-engineered buildings in developing seismic prone countries - Journal of IABSE, Structural Engineering International, Special Issue May 2013	2013, May, Zurich, Switzerland	6.00
	The effectiveness of CFRP materials strengthening of eccentrically compressed reinforced concrete columns - Journal of IABSE, Structural Engineering International	2010, April, Zurich, Switzerland	6.00
	New Standard Specifications for Condition Assessment, Maintenance, and Repair of Concrete Structures with Performance-based Concept in Japan - Journal of IABSE, Structural Engineering International	2007, November, Zurich, Switzerland	6.00
	Advances in Concrete Construction, Vol. 1, No. 1 (2013), An int'l Journal, Techno Press	2013, January, Daejeon, Korea	6.00
	Advances in Concrete Construction, Vol. 1, No. 2 (2013), An int'l Journal, Techno Press	2013, April, Daejeon, Korea	6.00
1	5th International Conference on Design and Product Development (ICDPD '14)	2014, December, Istanbul, Turkey	6.00
2	9th International Conference on Computer Engineering and Applications (CEA '15)	2015, February, Dubai, United Arab Emirates	6.00
3	4th NAUN International Conference on Energy Systems, Environment, Entrepreneurship and Innovation (ICESEEI '15)	2015, February, Dubai, United Arab Emirates	6.00
4	2nd International Conference on Optimization Techniques in Engineering (OTENG '14)	2014, November, Florence, Italy	6.00
5	5th European Conference of Civil Engineering (ECCIE '14)	2014, November, Florence, Italy	6.00
6	3rd International Conference on Sustainable Cities, Urban Sustainability and Transportation (SCUST '14)	2014, December, Istanbul, Turkey	6.00
7	19th International Conference on Applied Mathematics (AMATH '14)	2014, December, Istanbul, Turkey	6.00
8	5th International Conference on Design and Product Development (ICDPD '14)	2014, December, Istanbul, Turkey	6.00
9	11th International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '15)	2015, January, Tenerife, Spain	6.00
	5th International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars (USCUDAR '14)	2014, November, Florence, Italy	6.00

3.4 Experienta de management

3.4.1 Conducere

Nr. crt.	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				10.00
1	Director Departament CCI	2015-2016	2	10

3.4.2 Membru

Nr. crt.	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				34.00
1	Membru in Consiliul Facultatii de Constructii	1990-1996	6	12
2	Membru in Consiliul Departamentului CCI	2004-2008	4	8
3	Membru in Senatul Universitatii Politehnica Timisoara	2012-2014	3	6
4	Membru in Consiliul Facultatii de Constructii	2012-2015	4	8

3.5. Premii

3.5.4 Premii nationale in domeniu

Nr. crt.	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				5.00
1	Premiul II ANCS 2008 pentru proiecte de cercetare-dezvoltare Domeniu prioritar: Procese si produse inovative pentru proiectul „Nanocompozite multifunctionale pe baza de arhitecturi supramoleculare cu propr. Optoelectronice fotochimice, electrochimice si biologice-precursori pentru materiale avansate-MAVOPTEL”, membru în colectivul de cercetare pentru Partenerul 2 (Universitatea Politehnica din Timișoara) din cadrul Proiectului CEEC MATNANTECH nr. 48 (2006-2008)	2008		5

3.6 Membru in academii, organizatii, asic profesionale de prestigiu, nationale si internationale, apartenenta la organizatii din domeniul educatiei si cercetarii

3.6.4 .1 Asociatii profesionale internationale

Nr. crt.	Denumire asociatie	Membru	Indicator realizat
			15.00
1	federation internationale du beton - fib	2007-2009	5
2	International Association for Bridge and Structural Engineering - IABSE	2004-2014	5
3	World Scientific and Engineering Academy and Society - WSEAS	2008-2014	5

3.6.4 .2 Asociatii profesionale nationale

Nr. crt.	Denumire asociatie	Membru	Indicator realizat
			2.00
1	Asociatia Inginerilor Constructori Proiectanti de Structuri - AICPS	2000-2014	2