CURRICULUM VITAE

PERSONAL DATA

- Name: STOICA
- First names: NICOLAE DANIEL
- Permanent address: Calea Calarasilor 170, Bloc 56, Ap.18, Sector 3 – Bucharest, Romania
- Phones:
  - Fix: +40213210517
  - Mobile: +40722397372
- Emails: stoica@utcb.ro; danielstoica2001@gmail.com; or danielstoica2001@yahoo.com
- Date and place of birth: March 19th, 1964 – Curtea de Arges - Romania
- Actual nationality: Romanian
- Nationality by birth: Romanian
- Married, one son

SCIENTIFIC FORMATION

University certificates and diplomas: institutions, dates, titles, mentions obtained:

- Technical University of Civil Engineering of Bucharest, 11/23/1989, Graduated in Civil Engineer with maximum mark 10 from ten.
- Technical University of Civil Engineering of Bucharest, 03/08/2000, Doctor in Civil Engineering with maximum qualification "very well"

Knowledge of foreign languages:

- English

Study tours in other foreign countries:

- Germany, 2 month, May-July 1996 – **DAAD** Scholarship at Karlsruhe University, regarding "Qualitative and quantitative investigations relating the existing buildings. Micro-seismical maps." - Coordinator Prof. Joseph Eibl
- Sweden, 7 days, May, 2000 - Tempus Scholarship at Chalmers Technical University of Goteborg - "Durability of FRP as reinforcement in R/C structures" - coordinator Prof. Ralejs Tepfers
- Sweden, 7 days, May, 2001 - Tempus Scholarship at Chalmers Technical University of Goteborg - "Pull-out, flexural rotation capacity and creep tests using hybrid composite FRP rods for R/C structures" - coordinator Prof. Ralejs Tepfers
- Italy, 10 days, July, 2001 - Ecoleader-Seriate Research Program at ISMES-Bergamo Laboratory - "Testing on the shaking table of two 3D full-scale models made of reinforced masonry with polymer grids" - Coordinator Prof. Ramiro Sofronie

- Germany, 7 days, 8-14 September 2001 – University of Stuttgart – Connections between Steel and Concrete - IABSE Symposium – Coordinator Prof. Ralf Eligehausen
- Czech Republic – 7 days - Prague October 2001- ITAM-ARCCHIP Ariadne 6 - Workshop "Degradation of cultural heritage in surrounding environment" - Degradation of Romanian cultural heritage in surrounding environment
- Italy, 10 days, November, 2001 - Ecoleader-Seriate Research Program at ISMES-Bergamo Laboratory - "Testing on the shaking table of two 3D full-scale **retrofitted** models made of reinforced masonry with polymer grids" - Coordinator Prof. Ramiro Sofronie
- China, 45 days, 14 August-26 September 2002- Dali&Kunming - 2002 China TCDC International Training Course on Seismology and Earthquake Engineering - This Training Course was sponsored by the Ministry of Foreign Trade and Economic Cooperation (MOFTEC) of The People's Republic of China, and organized by the Seismological Bureau of Yunnan Province (Yunnan Seismological Bureau, YSB), China Seismological Bureau(CSB).
- Belgium – one year (December 2002 – November 2003) – University of Liege – Visiting Professor and researcher - Report of year n° 2 of SSTC NM/12/001 contract. **"Development of Design Tools for Masonry Structures"** – Coordinator Professor Andre Plumier
- France – 7 days – November 2003 – Grenoble – Batiserf Institute – Consultancies about 3D elastic and inelastic computational methods and models concerning three administrative buildings which will be emplace in Grenoble – Coordinator Prof. Andre Plumier and Eng. Bernard Schmidt
- University of Kassel – Germany – Ultra High Performance Concrete Symposium – 12-17 September 2005
- Poland – one year (October 2006 – September 2007) – Gliwice Silesian University of Technology - MTKD-CT-2004-509775 Marie Curie grant from the REPROCITY program „Research and training on restoration and protection of the city environment in industrial regions" - **The existent buildings stock vulnerabilities and the possible retrofitting strategies** – Coordinator Prof. Stanislaw Majewski.
- REPROCITY International Meeting – Gliwice and Zakopane – April, 17th – April, 21st,2008 - Discussion on the present program REPROCITY and the future collaboration in FP7 "Cooperation programme ".

RESEARCH ACTIVITIES

Occupied functions: institutions, position, period:

- Construction Trust SA – Arges, Curtea de Arges - Control Check Engineer – 1989 – 1990
- Technical University of Civil Engineering of Bucharest - Assistant Professor at Civil Engineering Department - 1990 – 1997
- Technical University of Civil Engineering of Bucharest – Lecturer Professor at Civil Engineering Department - 1997 - 2001

- Technical University of Civil Engineering of Bucharest- Associate Professor at Civil Engineering Department - 2001 – present time

Present occupation:

- Technical University of Civil Engineering of Bucharest - Professor at Civil Engineering Department – Civil Engineering Faculty – Vice dean - 2008 – present time and vice-president of the university senate since May 2012.

Member of scientific societies:

- AGIR (General Association of Romanian Engineers)
- AICPS (Association of Romanian Structural Design Engineers)
- IABSE (International Association of Bridge and Structural Engineering) – located in Zurich - Switzerland
- FIB (Concrete International Association) – located in Zurich – Switzerland

Articles, projects and workshops

1. **M. Darie, D.Stoica** - Probabilistic approach for physic-mechanical wood characteristics used in construction domain. – 1994 -International Symposium Iasi, Romania
2. **M. Ifrim, N. Stoica** - Strengthening of a monolithic reinforced concrete large floor after the earthquake of August 31, 1986, in Bucharest - 10th European Conference on Earthquake Engineering Location: TU VIENNA, VIENNA - AUG 28-SEP 02 1994
3. **Sofronie, R., Bergamo G., Stoica, D., Toanchina, M.** - Civil structures of reinforced masonry without RC-structural members. - Proceedings of the National Convention on Structural Failures and Reliability of Civil Structures. University of Architecture, Venice 6-7 December 2001, pp.347-358.
4. **D. Stoica** - Technical aspects regarding the seismic response and safety of gravity designed existing buildings. - Kisinew - Moldavia - International Conference 2000
5. **D. Stoica** -Technical aspects regarding the seismic response and safety of P13 existing buildings. - Kisinew - Moldavia - International Conference 2000
6. **R. Sofronie, D. Stoica** - Degradation of Romanian cultural heritage in surrounding environment - ITAM-ARCCHIP Ariadne 6 - Workshop - "Degradation of cultural heritage in surrounding environment - Prague 2001
7. **D. Stoica, D. Voiculescu, M. Voiculescu** - Considerations on the seismic response of steel structures with centred braces. - AICR review - August 2001 (Romanian)
8. **D. Stoica, D. Voiculescu, M. Voiculescu** – The behavior of masonry structures in seismic regions - AICR review – February 2002 (Romanian)
9. **Sofronie, R., Bergamo G., Stoica, D., Toanchina, M.** - Buildings of composed masonry with cored or solid bricks? - Proceedings of the **XXX IAHS Congress on Housing.** 9-13 September 2002, University of Coimbra – Portugal.
10. **Sofronie, R., Franchioni, G., Bergamo G., Stoica, D., Toanchina, M** - Masonry irregular buildings reinforced with polymer grids - Proceedings of the 3rd European

Workshop on Seismic Behavior of Irregular and Complex Structures. 17-18 September 2002, Florence, Italy.

11. **M.Voiculescu, M.Darie, D.Stoica, D.Voiculescu** - Basic problems related to Computation Analysis of R/C flat Plate Systems - 2002
12. **M.Darie, M.Voiculescu, D.Stoica, L.Pana** - Concerning the Seismic Design of Timber Structures - 2002
13. **D.Stoica, R.Sofronie –** Reinforced Masonry with Polymer Grids – 2002 China TCDC International Training Course on Seismology and Earthquake Engineering 14 August-26 September, Dali&Kunming, Yunnan Province, China 2002
14. **D. Stoica, A. Plumier** – Seismic behavior of non-engineered masonry structures / First part – **Synthesis on numerical modelling of masonry walls behavior** / First draft – March 2003 – University of Liege – Belgium
15. **D. Stoica, A. Plumier** — Seismic behavior of non-engineered masonry structures / Second part – **The optimization of simple numerical methods able to simulate the behavior of masonry structures** / First draft – May 2003 – University of Liege – Belgium
16. **D. Stoica, A. Plumier** – Seismic behavior of non-engineered masonry structures / Third part - **Towards the comparisons of different masonry analysis models and methods** / First draft – August 2003 – University of Liege – Belgium
17. **D. Stoica, A. Plumier** – Seismic behavior of non-engineered masonry structures - Fourth Part - **Development of Design Tools for Masonry Structures** / First draft November 2003 – University of Liege – Belgium
18. **A. Plumier, V. Warnote, D. Stoica** – A simple method in order to take into consideration the additional eccentricity for general torsion – University of Liege Review – June 2003
19. **A. Plumier, D. Stoica** – About connection forces between slabs and structural walls during the horizontal and vertical seismic action - University of Liege Review – October 2003
20. **D. Stoica** – Analyses for P13 buildings structural rehabilitation – Antreprenorul – 4/2004
21. **D. Stoica** – Towards the Keintzel method in stair-case computation – Antreprenorul – 5/2004
22. **Daniel Stoica**, Panagiotis Tragakis, Mihai Voiculescu, Stanislaw Majewski - Some General Considerations about the Behavior and Retrofitting Solutions for the Existing Buildings with Gravitational Frame Structures - "Thirty Years from the Romania Earthquake of March 4, 1977" – Bucharest – 1-3 March 2007
23. **Daniel Stoica**, Panagiotis Tragakis, Mihai Voiculescu, Stanislaw Majewski - Some General Considerations about the Behavior and Retrofitting Solutions for the Existing Buildings with Masonry Structures - "Computational Civil Engineering 2007", International Symposium – Iasi – May 2007
24. **Stoica. D, P. Tragakis, R.Sofronie, A., Plumier, S. Majewski** - Masonry Structures Retrofitting with Polymeric Grids - FRPRCS-8 University of Patras, Greece, July 16-18, 2007

25. **Stoica. D, V. Warnotte, S. Majewski, Voiculescu M.** - State of the art in the pounding mitigation techniques - "Computational Civil Engineering 2007", International Symposium – Iasi – May 2007
26. **Stoica D., P. Tragakis** – The north wing structural rehabilitation – Romanian monastery Prodromu, from the Holy Mountain Athos – International Symposium UTCB Bucharest – April 2005
27. **Stoica. D, V. Warnotte, S. Majewski** - State of the Art in Modelling of Seismic and Mining Subsidence Pounding between Adjacent Structures - "Thirty Years from the Romania Earthquake of March 4, 1977" – Bucharest – 1-3 March 2007
28. **Stoica. D, Majewski. S, Voiculescu. M** – Studies in mining subsidence phenomena – International Symposium CIB 2007 – Brasov Romania
29. **Stoica. D, Majewski. S, Voiculescu. M** – Modellings on mitigation of pounding by means of connection between buildings - International Symposium CIB 2007 – Brasov Romania
30. **Stoica. D., Budan C.., Majewski. S., -** Some general considerations about the behavior and retrofitting solutions for existing buildings with gravitational frame structures - International Conference on Concrete Repair, Rehabilitation and Retrofitting (ICCRRR08) – Cape Town – South Africa – 2008
31. **D. Stoica, S. Majewski** - General considerations about the behavior and retrofitting solutions for the existing buildings with masonry structures – Gliwice – Zakopane - Reprocity International Meeting – April 2008
32. **D. Stoica, R. Sofronie, S. Majewski** - Masonry structures retrofitting with polymeric grids – ICCE 16 – 2008 – Kunming, 16th Annual International Conference on Composites/Nano Engineering – China P.R.
33. **D. Stoica, S. Majewski** - Modelings on mitigation of pounding by means of connection between buildings - Sesiunea Aniversară şi la Conferinţa internationala "CONSTRUCŢII 2008" Cluj – Napoca, 9 – 10 Mai 2008
34. **D. Stoica, S. Majewski** - Studies in mining subsidence phenomena - Sesiunea Aniversară şi la Conferinţa internationala "CONSTRUCŢII 2008" Cluj – Napoca, 9 – 10 Mai 2008
35. **D. Stoica, C. Budan, A. Cotescu** - Aspecte privind coroziunea armaturilor in beton - ISSUES ON REINFORCEMENT CORROSION IN CONCRETE - Revista romana de materiale - ISSN 1583-3186 – 2010 - ROMANIAN JOURNAL OF MATERIALS Volume: 40 Issue: 2 Pages: 132-140 Published: 2010
36. **D. Stoica** – The tribute to the former Romanian aseismic design codes. Retrofitting or demolition? – 15th World Conference on Earthquake Engineering – Lisbon – Portugal – 24-28 September 2012 – paper 2403.
37. **D. Stoica** - The existent buildings stock vulnerabilities and the possible retrofitting strategies - 4th International Conference "Advanced Composite Materials Engineering " COMAT 2012 - 18- 20 October 2012, Brasov, Romania
38. **D. Stoica, R. Sofronie** - Using polymeric grids in masonry retrofitting - 4th International Conference "Advanced Composite Materials Engineering " COMAT 2012 - 18- 20 October 2012, Brasov, Romania

39. **D. Stoica, I. Mierlus Mazilu** – Romanian Education – LACLO 2012 – Septima Conferencia Latinoamericana de Objetos y Tecnologias de Aprendizahe – Guayaquil, Ecuador – 9-12 Octomber 2012
40. **N.D. Stoica** – Dynamic Inelastic Analytic Evaluation for Existing Buildings Made with Reusable Design Projects – International Conference on Earthquake Engineering – SE-EEE 50 – Skopje, Macedonia, May 29-31, 2013
41. **N.D. Stoica** – Seismic Retrofitting of Prodromu Romanian Skete North Wing of Mount Athos – International Conference on Earthquake Engineering – SE-EEE 50 – Skopje, Macedonia, May 29-31, 2013
42. **N.D. Stoica** – Using Modern Methods of Retrofitting Existing Seismic Vulnerable Buildings – International Conference on Earthquake Engineering – SE-EEE 50 – Skopje, Macedonia, May 29-31, 2013
43. **Daniel Stoica** – Retrofitting and Monitoring Systems for Existing Building Structures – Central European towards Sustainable Building (CESB13) – Sustainable Building and Refurbishment for Next Generations – Prague, Czech Republic – 26-28.06.2013
44. **Daniel Stoica** – Masonry Structures Retrofitting with Polymeric Grids - 17th International Conference on Composite Structures (ICCS17) – University of Porto – Portugal, 17-21 June – 2013
45. **Daniel Stoica** – Modern Methods for Seismic Retrofitting of Existing Buildings Seismically Vulnerable - International Multidisciplinary Scientific Geo Conference SGEM 2013 – 16-21 June 2013 – Albena, Bulgaria (ISSN: 1314-2704 - indexed by ISI Web of Knowledge, Web of Science, CrossRef/DOI) http://sgem.org/sgemlib/spip.php?article2694&lang=en
46. **Daniel Stoica, Ion Mierlus Mazilu** - European Education – LACLO 2013 – Valdivia, Chile, 21-25 Octomber 2013
47. **Daniel Stoica -** On the seismic retrofitting of Prodromu Romanian skete north wing of Mount Athos - INTERNATIONAL SCIENTIFIC CONFERENCE CIVIL ENGINEERING - BUILDING SERVICES - CIBv 2013 - TRANSILVANIA UNIVERSITY OF BRAŞOV CIVIL ENGINEERING FACULTY - Braşov - 25th – 26th of OCTOBER 2013 - Bulletin of the *Transilvania* University of Braşov - Vol. 6 (55) – series 1 Special issue no. 1 – pg 129-136 - Bulletin of the Transilvania University of Brasov, Series I: Engineering Sciences - www.ebscohost.com/titleLists/a9h-journals.xls pozitia 2024 - B+
48. **Daniel Stoica -** Seismic retrofitting of existing seismically vulnerable buildings using modern Methods - - INTERNATIONAL SCIENTIFIC CONFERENCE CIVIL ENGINEERING - BUILDING SERVICES - CIBv 2013 - TRANSILVANIA UNIVERSITY OF BRAŞOV CIVIL ENGINEERING FACULTY - Braşov - 25th – 26th of OCTOBER 2013 - - Bulletin of the *Transilvania* University of Braşov - Vol. 6 (55) – series 1 Special issue no. 1 – pg 137-144 - Bulletin of the Transilvania University of Brasov, Series I: Engineering Sciences - www.ebscohost.com/titleLists/a9h-journals.xls pozitia 2024 - B+
49. **Daniel Stoica, Ion Mierlus Mazilu –** New Statistic Trends in European Education – February 10th – 14th 2014, XII – Taller International Workshop "Higher Education and its Prospects" – University of Havana, Cuba – Palace of Conventions.

50. **Daniel Stoica** - A MODERN RETROFITTING SOLUTION FOR EXISTING MASONRY BUILDINGS SEISMICALLY VULNERABLE - International Multidisciplinary Scientific Geo Conference SGEM 2014 – 17-26 June 2014 – Albena, Bulgaria (indexed by ISI Web of Knowledge, Web of Science, CrossRef/DOI)
51. **Daniel Stoica** - THE SEISMIC RETROFITTING OF ROMANIAN SKETE PRODROMU NORTH WING FROM MOUNT ATHOS - International Multidisciplinary Scientific Geo Conference SGEM 2014 – 17-26 June 2014 – Albena, Bulgaria (indexed by ISI Web of Knowledge, Web of Science, CrossRef/DOI)
52. **Daniel Stoica** - Aspects of studying the influence of the local collapse of structural elements to generate progressive collapse - International Workshop on Civil Engineering and Architecture - IWCEA-2014
53. **Daniel Stoica** - THE PROVISION OF RESCUE / SAFETY CORES IN MULTI-STOREYS BUILDINGS, AGAINST MAJOR EARTHQUAKES – International Conference on Advances in Civil, Structural and Environmental Engineering – ACSEE 2014 – 25-26 October 2014, Zurich, Switzerland
54. **Daniel Stoica** - ABOUT MASONRY WALLS DUCTILITY CAPACITIES CALCULATION – The 5th International Conference - Advanced Composite Materials Engineering and The 3rd International Conference Research & Innovation in Engineering „COMAT 2014" - 16- 17 October 2014, Brasov, Romania
55. **Daniel Stoica** - THE PROVISION OF EARTHQUAKES SAFETY CORES IN MULTI-STOREYS BUILDINGS - The 5th International Conference - Advanced Composite Materials Engineering and The 3rd International Conference Research & Innovation in Engineering „COMAT 2014" - 16- 17 October 2014, Brasov, Romania
56. **Daniel Stoica, Ion Mierlus Mazilu** – The Provision of Earthquakes Safety Cores in Multi-Storeys Buildings – II Congreso International de Ingineria Civil – Palacio de las Convenciones de la Habana, Cuba, noiembrie 2014
57. **Daniel Stoica, Ion Mierlus Mazilu** – About Using Polymeric Grids for Masonry Structures – II Congreso International de Ingineria Civil – Palacio de las Convenciones de la Habana, Cuba, noiembrie 2014
58. **Daniel Stoica** - TOWARDS THE INFLUENCE OF THE LOCAL COLLAPSE OF STRUCTURAL ELEMENTS TO GENERATE PROGRESSIVE COLLAPSE PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE CIBv 2014
59. **Daniel Stoica and Mircea Barnaure** - ANALYSIS OF MASONRY INFILLED RC FRAME STRUCTURES UNDER LATERAL LOADING - SCIENTIFIC JOURNAL OF THE TECHNICAL UNIVERSITY OF CIVIL ENGINEERING - Mathematical Modelling in Civil Engineering - Volume 11 - No. 1 - March – 2015
60. **Daniel Stoica, Mircea Barnaure** - On the numerical modeling of confined masonry structures for in-plane earthquake loads - ANALELE UNIVERSITĂŢII "EFTIMIE MURGU" REŞIŢA ANUL XXII, NR. 1, 2015, ISSN 1453 – 7397
61. **Daniel Stoica** - ENERGY DISSIPATION - AN INDICATOR OF POTENTIAL DEGRADABLE STRUCTURAL ITEMS - Ovidius University Annals Series: Civil Engineering, Issue16, October 2014
62. **Nicolae Daniel Stoica** - TOWARDS THE USING OF ENERGY DISSIPATION OPTION IN ETABS PROGRAM - Glasnik Rudarsko-geološko-građevinskog fakulteta - Journal of

Faculty of Mining, Geology and Civil Engineering - ISSN:2303-5145 Vol. 2014/2, pp.23-30

63. **Daniel Stoica, Mihai Niste** – Comparisons regarding the behavior of masonry structures made with cored bricks in accordance with the former code P2-85 and the actual code CR6-2013 – The 2nd Civil Engineering Conference – TUCEB October 16th 2015;
64. **Nicolae Daniel Stoica, Ion Mierlus-Mazilu** - EFFECTS DUE TO NEW EXTERNAL THERMAL INSULATION FITTING ON THE EXISTING SOLID BRICK MASONRY BUILDING – The 2nd Civil Engineering Conference – TUCEB October 16th 2015;
65. **Daniel Stoica, Esa Kujansuu, Ion Mierlus Mazilu** - Aspects on the performance of buildings with soft and weak storeys – The National Symposium "75 years from November 10th 1940 Vrancea Earthquake" – UTCB 2015
66. **Daniel Stoica, Esa Kujansuu, Ion Mierlus Mazilu** - Towards the modelling of RC frame with masonry panels – The National Symposium "75 years from November 10th 1940 Vrancea Earthquake" – UTCB 2015
67. **Daniel Stoica** - THE INFLUENCE OF CONSTRUCTION OF A NEW BUILDING ON AN EXISTING SITE– The National Symposium "75 years from November 10th 1940 Vrancea Earthquake" – UTCB 2015
68. **Daniel Stoica, Mircea Barnaure, Ana Maria Ghita** - Influence of the infill panels masonry type on the seismic behavior of reinforced concrete frame structures – The National Symposium "75 years from November 10th 1940 Vrancea Earthquake" – UTCB 2015
69. **Daniel Stoica, Ion Mierlus-Mazilu** - Learning Programming Using Learning Objects - Conference: 10th International Conference on E-Learning (ICEL) Location: Coll Bahamas, Nassau, BAHAMAS Date: JUN 25-26, 2015
70. **Daniel Stoica** - Using of safety cores in the event of major earthquakes for multi-storey buildings - 2nd INTERNATIONAL CONFERENCE ON "GLOBAL ISSUES IN MULTIDISCIPLINARY ACADEMIC RESEARCH" (GIMAR - 2016) - DUBAI February 2016
71. **Daniel Stoica, Ion Mierlus-Mazilu** – EFFECTS DUE TO NEW EXTERNAL THERMAL INSULATION FITTING ON THE EXISTING SOLID BRICK MASONRY BUILDING – Constructions Journal - year XI – nr. 121 – December 2015, pg. 44-47
72. **N.D. Stoica, M. Barnaure** – About using polymeric grids for masonry structures – Romanian Journal of Materials 2015 – 45 (4), 411-418
73. **N.D. Stoica, M. Barnaure** - Some Analysis of Masonry Infilled RC Frame Structures under Lateral Loading - SEE-Mie – 2015 – The First International Conference on Science, Engineering & Environment Tsu City – Mie Japan November 19-21 2015
74. **N.D. Stoica, M. Barnaure** - Energy dissipation - an indicator of potential structural damages for masonry structures - Romanian Journal of Materials 2015 – 45 (3) 255-261

Research and design themes (All in Romanian):

1. Put in safe retrofitting R/C and steel solutions, methodologies for existing buildings using inelastic response spectra.
2. Present state of the art and the practice regarding the structural and architectural conformation for tall buildings with polyvalent functionality.
3. Performance criteria to choose the structural systems of polyvalent tall buildings.
4. User guide to expertise and retrofit the existing buildings in seismic regions.

5. Strategies and methodologies for retrofitting interventions using modern proceedings.
6. Studies and solutions for scholar buildings rehabilitation.
7. The seismic behavior soft and weak level buildings.
8. Conceptual elements for the social-buildings national program.
9. Concepts, theoretical and practical methods for a 3 substructure levels and 16 superstructure levels "Bucharest Corporate Centre" office building, in Bucharest.
10. Expertise and technical solution regarding the creep R/C beams behavior for Bucharest National Theatre.
11. Expertise and retrofitting aspects regarding Sadoveanu Municipal Library from Bucharest.
12. Technical expertise and retrofitting design projects for a lot of over 100 building case studies.
13. Probabilistic approach and statistical aspects regarding the thermal transfer for the exterior walls.
14. Static and inelastic dynamic analysis for Bucharest-Dorobanti 20 levels hotel existing building.
15. Design of masonry structures – Romanian version of Eurocode 6
16. Hotel de ville d'Echirolles (France) Pour BATISERF 2004
17. CHU Grenoble unité tiroir (France) Pour BATISERF 2004
18. Musée du Paladru (France) Pour BATISERF 2005
19. ECOLEADER - Access to major testing facilities, Commission Européenne (2002-2005)
20. Réponse dynamique de salles de sport. Centre sportif de Belleville (Paris) Pour BATISERF (F) 2007.
21. The retrofitting of seismic vulnerable existing RC structures using steel elements – AMTRANS C2 program
22. The retrofitting of seismic vulnerable existing masonry building of Witting Hospital – Bucharest
23. The retrofitting of seismic vulnerable existing masonry building of Witting Polyclinic – Bucharest
24. Design guide for vertical cored bricks structural system masonry– C86/2007
25. Technical survey and retrofitting for oil pumps station C.E.T. Govora – C21/2006
26. IE1 block of flats rehabilitation- Str. Pacii, Rovinari, jud. Gorj – Technical survey, energetically survey, feasibility study. – C7/2007
27. 124 block of flats rehabilitation, Str. 1 Decembrie, Petrosani, jud. Hunedoare – Technical survey, energetically survey, feasibility study.– C8/2007
28. 18 block of flats rehabilitation, Srt. 8 Martie, Petrila, jud. Hunedoare – Technical survey, energetically survey, feasibility study. – C9/2007
29. 27 block of flats rehabilitation, Str. 8 Martie, Petrila, jud. Hunedoare – Technical survey, energetically survey, feasibility study. – C10/2007
30. 5 block of flats rehabilitation, Str. Lalelelor, Alesd, jud. Bihor – Technical survey, energetically survey, feasibility study. – C256/2007

31. 49 block of flats rehabilitation, Str. Florilor, Balan, jud. Harghita – Technical survey, energetically survey, feasibility study. - C257/2007
32. 4 block of flats rehabilitation, Str. Melodiei, Baia Mare, jud. Maramures – Technical survey, energetically survey, feasibility study. - C258/2007
33. 46B block of flats rehabilitation, Str. Horea, Baia Mare, jud. Maramures – Technical survey, energetically survey, feasibility study. - C259/2007
34. Transformation of elder people social house in social apartments, Str. Ostroveni, Rm. Valcea, jud. Valcea - C260/2007
35. Rehabilitation and mansard design for B11 block of flats, str. Dambovitei,nr. 2, Craiova, jud. Dolj – C335-2007
36. Studies concerning the behavior of connector elements for reinforced concrete topping precast slabs in order to optimize their shapes for civil buildings – C204/2010
37. Studies concerning the optimization of RC topping precast slabs for the civil buildings – C205/2010
38. A set of technical surveys for Rom-Telekom including the Phones Palace from Bucharest - 2009-2014
39. A set of technical surveys for Vodafone 2009-2014
40. A set of technical surveys for Corridor 5 – CFR – 2008-2012
41. A set of technical surveys for Defense Ministry including the Military Circle from Bucharest and Admiralty Building from Constanta – 2008-2015
42. A technical survey for Furnica restaurant and hotel in Sinaia – C79/2013
43. Point of view regarding the superstructure erection of People's Cathedral – C124/2014
44. A technical survey for 2S+P+4E building from Bucharest, Calea Victoriei nr. 220, sector 1 – C134/26.06.2014
45. A technical survey for the ATCO modular building from Campia Turzii – C221/2014
46. A technical survey for 3S+P+11E building from Calea Floreasca 242-246 to ovoid the influence for the existing site buildings.
47. A technical survey for Felicity residential complex – beneficiary **S.C. BOG'ARTs.r.l.**
48. A technical survey for S+P+2E building from Colonel Iosif Albu nr.65 to ovoid the influence for the existing site buildings. - beneficiary S.C. KALLIMARMOROS DEVELOPMENTS SRL
49. A technical survey for A, B, C building bodies from Bucharest Polytechnic University from Calea Victoriei nr.149, sector 1, – beneficiary SC OVI ARHITECTURE SRL
50. Residential complex 2S+P+12E, Str. Pajistei nr. 30, sector 4, Bucharest – beneficiary SC HANNER RD SRL
51. STEFAN CEL MARE BUILDING 2S+P+9E+ET, str. Tunari, nr. 60A, sector 1, Bucharest – beneficiary SC TUNARI PLAZA SRL
52. View point concerning the precast typological elements and the cooperation with the superstructure elements from People's Cathedral - beneficiary SC Strabag SRL
53. A technical survey concerning the plot 1 of the mat foundation from "OREGON PARK" beneficiary SC Strabag SRL - UTCB

- Photo and video art
- Music and literature
- Travelling