CERERE DE PREMIERE
Award Application

1. Candidat
Applicant

Nume:
Last name

Nume anterioare (dacă este cazul):
Previous last names (if applicable)

Prenume:
First name

Doctor din anul (se prezintă copie a diplomei de doctor sau echivalent):
Doctoral degree awarded (a copy of diploma or equivalent must be included)

Pozitia ocupata:
Position

Institutia:
Institution

Telefon mobil:
Mobile

Adresa de e-mail:
E-mail address

2. Editia „Gala Cercetării Românești”:
Edition of the Gala of Romanian Research

3. Premiul și categoria pentru care aplică (individual sau echipă de cercetare):
Award and category applied for (individual or research team)

4. Lider de echipă, dacă este cazul:
Team leader, if applicable

5. Compoența echipei de cercetare, dacă este cazul (numele membrilor echipei, poziția ocupată, anul ultimei diplome acordate):
List of research team, if applicable (names, position, year of most recent degree)

6. O descriere a celor mai importante realizări științifice din ultimii 5 ani (maximum 4 pagini, format A4, caractere Times New Roman, 12 puncte, spațiere între linii de 1,5 și margini de 2 cm)*
* Rezultatele activității de cercetare sunt evauate conform anexei nr. 3 la Regulamentul de organizare și funcționare a programului „Gala Cercetării Românești”.

Brief description of most important scientific achievements within the last 5 years (no more than 4 A4 pages, font: Times New Roman, size 12, spacing: 1.5 lines, margin: 2 cm)*
* The results of research are evaluated according to Appendix no. 3 to the Regulation of the organization and functioning of the program “Gala of Romanian Research”.

2004, 2011 (Appendix 1)
Professor and Head of Department
“Ion Mincu” University of Architecture and Urbanism, Doctoral School of Urban Planning
Not applicable

2024
Dimitrie Cantemir award, individual application
Not applicable
Not applicable
The research carried out within the last years continues the focus on urban and landscape ecology after earning the second doctoral degree (2011), with a particular emphasis on interpreting land cover and use changes through the lens of transitional dynamics. Its results pinpointed the main transitional dynamics characteristic to Romania and other transition countries in general: development and abandonment of agriculture, deforestation and afforestation or reforestation, urbanization and other minor drivers, such as damming, floods, droughts, and few unidentified ones. The research was deeply interdisciplinary, placed at the border between ecology and urban planning. Three main directions can be identified: (1) contributions to the theory; (2) basic and applied researches on the dynamics of land cover and use changes; and (3) researches aimed at developing the appropriate tools for analyzing land cover and use changes. The first and last categories form self-standing groups, but within the second direction, there are several sub-directions, including (1) analysis of the actual state as a reflection of transitional dynamics; (2) pinpointing the ‘hotspots’ affected by global changes in Romania; (3) identifying the main transitional dynamics specific to Romania; (4) analyzing the processes associated to transitional dynamics; (5) studying the effects of land cover and use changes on the conservation of biodiversity; (6) correlations between land cover and use changes and other global changes; (7) implications of land cover and use changes on spatial planning. The most important five results are:

(1) Project Green belt of Bucharest: smart, integrated model for the sustainable management of urban green infrastructure, no. PN-III-P4-PCE-2021-1015, carried out within the National Plan for Research - Development - Innovation 2014-2020, Program 2: Increasing the competitiveness of Romanian economy through research, development and innovation, Sub-program 2.1. Competitiveness through research, development and innovation, Category Exploratory research project. The project was aimed at determining the ecological value of each raster cell using regional data, and pinpointing the areas important for ensuring regional
ecological connectivity. This aim answers the need to protect land from the continuously growing and spreading urban development by integrating environmental sustainability principles in territorial planning in order to minimize impacts like habitat loss, and recuperate and preserve land otherwise sentenced to total degradation. The original and innovative elements are, in territorial planning terms, represented by an ecological model combining mathematical modeling, system analysis, and information technology, but also ecology and the management of environment and natural resources. Currently, after two years since its start, the results were presented in 16 conferences (out of which 12 international, 3 of them abroad), 1 accepted article and 6 published ones, out of which 2 in foreign Proceedings and 3 in articles found in the Web of Sciences, including the article “Conceptual Model for Integrating the Green-Blue Infrastructure in Planning Using Geospatial Tools: Case Study of Bucharest, Romania Metropolitan Area”, published in Land, vol. 12, no. 7 (art. no. 1432), a Q2 journal (https://dx.doi.org/10.3390/land12071432); the article was cited 3times in the Web of Sciences (excluding self-citing). However, the most important achievement is the proposal for a green belt of Bucharest, available in GIS (image included). This proposal was integrated through the deliverable “Study E1F2_10.5 Impact of climate changes / Vulnerabilities and risks. Prospective study” in the broader study “Update of the Master Plan of Bucharest”, Stage I – Phase I.2 “Current status of urban development”, Sub-phase I.2.B “Current status of urban development – current situation”, drafted by “Ion Mincu” University of Architecture and Urbanism within contract 469/07.10.2013 with the City Hall of Bucharest. The results have also been included in the course “Green infrastructures and urban ecology”, taught during the 1st semester of academic year 2023-2024 at the Department of Architecture of the Faculty of Urbanism and Architecture within the Technical University of Moldova, Chișinău, Moldova to future landscape planners.

(2) Article “Degradation of coastlines under the pressure of urbanization and tourism: Evidence on the change of land systems from Europe, Asia and Africa”, published (as first author) in 2020 in Land, vol. 9, no. 8 (art. no. 275), a Q2 journal (available at https://dx.doi.org/10.3390/land9080275). The article, representative for landscape ecology, is a
result of cooperation with colleagues from Algeria and Vietnam, and investigates the drivers and effects of urbanizing the coastal areas of three continents. The results stress out the anthropogenic pressure exercised over these areas especially due to urbanization and tourism. The article had a high impact, proved by the 73 citations, including 37 in the Web of Science (excluding self-citing).

(5) Article “Influence of Land Use on Avian Diversity in North African Urban Environments”, published (as corresponding author) in 2021 in Land, vol. 10, no. 4 (art. no. 434), a Q2 journal, available at https://dx.doi.org/10.3390/land10040434. The article, relevant for urban ecology, is the result of cooperation with an Algerian colleague and analyses bird diversity in correlation with the degree of urbanization, demonstrating the negative effect of urbanization and emphasizing the role of urban green spaces as reservoirs of biodiversity. The methodology is also novel, based on the spatial interpolation of the values of biodiversity indices. The article received 28 citations, including 17 in the Web of Science (excluding self-citing).

(3) The article “Trends in the national and regional transitional dynamics of land cover and use changes in Romania”, published (as first author) in 2021 in Remote Sensing, vol. 12, no. 2 (art. no. 230), a Q1 journal. The article analyses the dynamics of land cover and use changes in Romania during 1990-2013, in tight relationship with the transitional dynamics characterizing the different periods covered by data. The article pinpoints the main transitional dynamics characteristic to Romania and identifies
the ‘hotspots’ affected by changes over a long time and/or at a high intensity. The results indicate that deforestations, concentrated in the Oriental Carpathians, at the edge of North-East and Center regions of development, and urbanization around large cities are the most relevant transitional dynamics. At the same time, three periods are distinguished: 1990-2000, characterized by instability and important changes, 2000-2010, when the economic crisis reduces the impact of land cover and use changes, and 2010-2020, when changes reappear. The article, representative for landscape ecology, received 29 citations, including 15 in the Web of Science (excluding self-citing). It can be found at the following address: https://dx.doi.org/10.3390/rs12020230

first author) in 2021 in Remote Sensing, vol. 13, no. 20 (art. no. 4041), a Q1 journal (available at https://dx.doi.org/10.3390/rs13204041). The article is the result of cooperation with Polish specialist, and relevant for urban ecology. The study analyzed comparatively the dynamics of urban green spaces in large Romanian and Polish cities. The findings reveal an alarming trend consisting of the loss and fragmentation of the green spaces in absolutely all investigated cities. In order to address these trends, the article proposes specific solutions for all actors involved in planning. The article received 7 citations, including 2 in the Web of Science (excluding self-citing).

Most of the articles presented as representative are the result of international cooperation with specialists from Algeria, Vietnam, and Poland. This cooperation was mainly based on volunteering, but also constitutes a collection of seeds for future funded research projects, developed under the appropriate funding programs.
Born in 1975, Alexandru-Ionuț Petrișor earned from the University of Bucharest a BS in ecology (1997) and PhD in geography (2011), from the University of South Carolina a MSPH in biostatistics (2000) and PhD in ecology (2004), from the Bucharest Academy of Economic Studies a certificate degree in project management (2012), and from the Romanian Ministry of Education a Habilitation in urban planning (2014) and highest research rank in biology (2013) and geography (2017). He is Professor and Director of the Doctoral School of Urban Planning at Ion Mincu University of Architecture and Urbanism in Bucharest, Romania, where he advises doctoral research in urban planning since 2014. He is also Professor at the Technical University of Moldova (Chișinău, Moldova), and Senior Researcher I at the National Institute for Research and Development in Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC.

His work in over 70 research grants, summing up to 4,625,945.09 euro for the entire career and 471,753.32 in the last 5 years, excluding small grants and application-based awards, such as for earning the habilitation or for writing articles included in the Web of Science, resulted into over 700 publications (including over 300 articles published in more than 100 journals, over 60 books and chapters, and more than 60 conference proceedings) and more than 500 presentations, lectures & courses (including over 280 oral presentations and over 85 posters), and parts of more than 35 urban and spatial plans, recognized internationally by over 1800 citations (including over 1500 citations of the articles in over 480 journals), over 130 awards and distinctions, international memberships, including Sigma Xi, the Society for Urban Ecology and International Association for Landscape Ecology, and numerous awards, including 12 awards for Web of Science articles, 41 awards in invention shows, including a Silver Medal at the Geneva International Exhibition of Inventions, a Certificate of Recognition from the Society for Urban Ecology (Austria), 7 “Who’s Who” awards, 2 awards of the National Conference “Urban Concept – modern urban development in Romania” & Association of Architects Chief of the County, Honorary Diploma “Partner for sustainable development” from “HABITAT” League of Homeowners Association His h index is 17 in the Web of Science, 15 in Scopus, 22 on Research Gate, and 27 on Google Scholar. The international profile can be checked searching for his ORCID: 0000-0002-2159-4034, ResearcherID: I-8691-2012, Scopus ID: 6507767403, or Google Scholar profile: SeRu90EAAAAJ.

The education of Alexandru-Ionuț Petrișor took place on two continents and three universities, but also includes online sessions on the evaluation of higher education (in tight relationship with his accreditation the Romanian Agency for Quality Assurance in Higher Education as expert), research evaluation, peer reviewing (course completed with Elsevier, Clarivate, Emerald, Wageningen Academic Publishers, Springer and Wiley), but also in fields related to his research (image analysis, GIS, urban regeneration), and informal education (he is an authorized trainer, and educated civil servants though the courses offered by the National Institute of Administration). His professional career started in Romania, upon completing his education abroad and working as a teaching, consulting, and research assistant and then as a research associate) as a civil servant, in the Ministry of Transport, Constructions and Tourism (at that time); since 2007 he moved to research, in the National Institute for Research and Development in Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC, advancing in his research rank. In 2010 he became Scientific Director for the institute, although starting 2009 his appointment was part-time. He held the position until 2017 (adding the election as Chairman of the Scientific Committee), and for a short period in 2023. However, after 2017 he continued to work for the institute part time, coordinating its
publication and organizing its conference (so far, 24 editions, including international ones). He held different positions in several universities, but the main affiliation was with Ion Minucu University of Architecture and Urbanism, advancing from Assistant Professor (2009) to Associate Professor (2016) and Professor (2022). Starting 2022, he has a joint Professor position at the Technical University of Moldova (Chișinău, Moldova). During the time, he had other part-time jobs. His accreditation by the Romanian Registry of Urban Planners in 2007 allowed him to draft studies substantiating the urban and territorial plans, including those drafted by private companies. He coordinates several publications: at URBAN-INCERC, the journal “Urbanism. Arhitectură. Construcții” (ISSN 2069-6469), indexed by Clarivate in the Web of Science – ESCI during 2015-2017, and by Scopus after 2017, the Abstract Proceedings (ISSN 2343-7537) and Paper Proceedings (ISSN 2393-3208) associated with the conference of the institute, both indexed in international databases and accredited nationally in 2020, and at Ion Minucu University of Architecture and Urbanism, the journal of the Doctoral School of Urban Planning (ISSN 2537-3587), indexed in international databases. Also, at Ion Minucu University of Architecture and Urbanism he organizes the conference of doctoral students, so far 10 editions, including international ones. Apart from these, he helped organizing the international conferences hosted by the university, “European Symposium on Research in Architecture and Urban Design” (2016, Bucharest, Romania and 2020, Birmingham, UK), “International Conference on Risk Reduction for Resilient Cities” (2016, Bucharest, Romania), and “International conference Re[Search] through Architecture” (2015, Bucharest, Romania).

In addition to the conferences organized in his home institutions, Alexandru-Ionuț Petrișor was involved in organizing other events, including 7 international conferences in Algeria (2017-2021, 2023), the 1st International Electronic Conference on Land (2023, Basel, Switzerland), 5 editions of the international symposium “Present environment and sustainable development” (2019-2023, Iași, Romania), 5 editions of the international symposium “Landslides: perception, knowledge, awareness and action” (2013-2015, 2017, 2018, Romania, different locations), and the International Workshop on Urban Regeneration: Recycling Urban Voids in Post-Socialist Cities – Methods and Actions to Achieve Urban Regeneration (2018, Cluj-Napoca, Romania). Alexandru-Ionuț Petrișor holds editorial responsibilities or is member of many editorial boards of over 30 journals including “Land” (Clarivate & Scopus), “Journal of Urban and Regional Analysis” (Clarivate ESCI), Present Environment and Sustainable Development (Clarivate ESCI), and the Chief Editorship of “Urbanism. Arhitectură. Construcții” (currently indexed in Scopus, was indexed in Clarivate ESCI during 2015-2017), and served as a reviewer for other more than 90 journals, over 33 international conferences, and 2 books. He has an international profile in international organizations, including the Presidency of Algeria-based “International Organization for Higher Education and Scientific Research” (since 2020), memberships in the Scientific Community of Professional Educators Board (since 2022), International Geographical Union Commissions on Geography of Governance (since 2022) and Land Use and Cover Changes (since 2015), Polish Copernicus Society of Naturalists, Szczeczin Branch (since 2020), US-based International Association for Landscape Ecology (since 2020), Austria-based Society for Urban Ecology (since 2014), Japan-based International Academic Forum – International Academic College (since 2011). Perhaps the most important and honoring membership is with the US-based Sigma Xi, The Scientific Research Society (since 2001).

Alexandru-Ionuț Petrișor has a long history of doctoral advisement and evaluation, apart from his activity within Commission for architecture and urban planning of the National Council for the Attestation of Academic Titles, Diplomas and Certificates (with a membership since 2017). He advised 6 Bachelor theses, 3 Master theses, 6 French-speaking doctoral and post-doctoral interns under the “Eugene Ionesco” scholarships, 18 doctoral theses as advisor – 8 were already defended, 4 of them receiving the highest appreciation (“excellent” in Romania, and “very good” in Algeria, and 4 the next one (“very good” in Romania), including co-advisement in Romania, Algeria, and Togo. Apart from this, he served on the advisement committee of other 57 doctoral theses. In
addition, he served as reviewer or chairman of the defense committee for 33 doctoral dissertations (starting 2008) and 3 habilitation theses (starting 2019).

His research interests include land cover and use changes and their transitional dynamics, structural & functional organization of man-dominated ecological systems, numerical methods in ecological, biological & geographical research, GIS applications, and predatory publishing. However, these relatively unrelated items are the sum of career directions corresponding to several stages. The habilitation thesis (2014) labeled the entire research carried up to that point as dedicated to the "application of spatial quantitative methods to study the dynamics of relations between socioeconomic and natural systems". This part of the career positions the research carried until 2014 under a methodological rather than theoretical framework. Over more than fifteen years, the objective was to develop research methodologies in a multi-, inter- and trans-disciplinary setting rather than proving new theories. At the same time, the label bridges up a Bachelor Thesis in ecology, a Master Thesis in Biostatistics, a Doctoral Thesis in Environmental Health Sciences, and a Doctoral Thesis in Geography, as well as the multi-, inter- and trans-disciplinary character of this part of his career, and finally reveals the essential role of systemic theory and analysis in this career. This is why this stage joins seven different research focuses, i.e. (1) ecology of territorial systems, (2) spatial statistics, geo- and biostatistics, (3) microbial Geographical Information Systems, (4) transformation of former military units into entrepreneurial centers, (5) management of health records, (6) ecology and theology, and (7) teaching and evaluation methods.

However, following the habilitation, the career shifts to building, along with the advisees and via international cooperation, a new stage, starting from the three directions of doctoral advisement: (1) applications of statistical and geo-statistical methods in the research of territorial systems, and (2) ecology of territorial systems (including urban and landscape ecology), focused on ecological models of the structural and functional organization of human settlements and their implications over spatial planning, criteria and indicators of sustainable spatial planning, and analysis of the dynamic of relationships between the systems of settlements and natural systems from the perspective of consequences on spatial planning. A third separate direction, scientometric analyses in urban planning, is built on the interest in scientometrics and research ethics issues. The latest include research of predatory journals, which is developed starting with the cited article “Evolving strategies of the predatory journals” (https://dx.doi.org/10.22452/mjlis.vol21no1.1).

However, this second part of the career focuses mainly on a new paradigm, which can be labeled as “quantitative analysis of land cover and use changes seen as an interpretation of environmental processes through the lens of human geography”, including three directions: (1) developing the theoretical framework, (2) performing basic studies of land cover and use and their changes at different spatial scales, including (a) the analysis of past transitional dynamics, (b) the analysis of ‘hotspots’ affected by the global changes in Romania, (c) the identification of main transitional dynamics characteristic to Romania in special and transition countries in special, (e) the analysis of transitional dynamics in relationship to their underlying socio-economic drivers, (f) the study of the impact of land cover and use changes on the conservation of biodiversity, and (g) the relationship between land cover and use changes and the other global changes, and their impact on spatial planning, and (3) developing the methodological tools for these analyses.

With respect to the current competition, the research profile of Alexandru-Ionuţ Petrişor meets the eligibility criterion: “for scientific fields under the social sciences and humanities panel, at least 6 Q1/Q2 articles according to the Web of Science JCR”, with an equivalent of 16 equivalent Q1/Q2 articles as main author according to the Web of Science JCR (namely: book A1, articles C8, C33, and C46 in JCR Q1/Q2, and articles C9, C10, C17, C24, C27, C32, C34, C37, C41, C45, and C50 in Scopus 50th-100th CiteScore percentile from the publication list (#8).
At the same time, Alexandru-Ionuț Petrișor meets four other criteria qualifying him for the award. (1) First, he meets criterion no. 3, “at least 1 national or international grant, obtained by competition, with a value of at least 100,000 euros each and a team of at least 3 people, as director or head of projects”, as qualified by item no. 46 in the list of grants (#9). The project had a team of 8 people and a vacant position. In addition to this project, Alexandru-Ionuț Petrișor had coordinated in the past other 4 projects meeting the criterion (no. 7, 10, 25, and 26 in the same list). (2) The second criterion met by Alexandru-Ionuț Petrișor is criterion no. 4, “quality of researcher or visiting professor at foreign prestigious universities – at least 1”. Alexandru-Ionuț Petrișor has been a Research Associate at the University of South Carolina in Columbia, SC, USA during May 2004 – May 2005. In February 2023, Alexandru-Ionuț Petrișor traveled to the University of South Carolina in Columbia, SC, USA to deliver the presentation “From microbial ecology to landscape ecology: crossing scales and continents” (http://www.asph.sc.edu/email/ENHS_LectureSeries_Feb8.html), available online (https://www.youtube.com/watch?v=reVCTsdjqo). The University of South Carolina is listed at position no. 574 in the List of foreign prestigious universities, annex to the Order of The Ministry of Education, Research, and Youth no. 5665 of 30 September 2020 on the approval of the list of foreign prestigious universities. (3) The third criterion met by Alexandru-Ionuț Petrișor is criterion no. 5, “Chief Editor of a journal indexed by Journal Citation Reports – at least 1”, given that he is Chief Editor of the journal “Urbanism. Arhitectură. Construcții” (ISSN 2069-6469), indexed by Clarivate in the Web of Science – ESCI during 2015-2017, and currently in Scopus: 60th CiteScore percentile in Architecture, 44th in Social Sciences, 26th in Geography, Planning and Development, and 20th in Building and Construction. (4) Finally, Alexandru-Ionuț Petrișor meets the criterion “cumulated article influence score, summing the article influence scores of articles published within the last 5 years divided by the number of authors, of at least 5”. Given the fact that Alexandru-Ionuț Petrișor applies for the social sciences award, the book included at A1 in the publication list is also counted, with an equivalent article influence score of 2.5. Counting for publications A1, C2-C4, and C6-C51, Alexandru-Ionuț Petrișor has a cumulated article influence score (computed according to the formula and rules of the competition) of 5.446, exceeding 5. The values of the article influence score used in the computation are those provided by the Journal Citation Reports.
8. Lista publicațiilor candidatului „individual” sau ale fiecărei membri al echipei de cercetare, în cazul candidatului „echipă de cercetare”, cu evidențierea publicațiilor relevante ale candidatului în ultimii 5 ani și a publicațiilor comune ale membrilor unei echipi de cercetare, în cazul candidatului „echipă de cercetare”. Se menționează și un link al paginii web unde se regăsesc publicațiile candidatului.

List of publications of individual applicant or of each member of a research team underlining relevant publications from the last 5 years and common publications of a research team. Indicate a link of the website where the publications of individual applicant can be found.

Please note the coding: blue font: international books or articles from last 5 years with an article influence score > 0; yellow background: articles from last 5 years in JCR Q1/Q2 journals; orange font: items published 6 or more years ago; **: JCR Q1/Q2 or 50th-100th CiteScore percentile article as main author from last 5 years; green background: articles in 50th-100th CiteScore percentile.

A. Books


**B. Chapters**


C10) Garojaľ Al, Crăciun C, Petrișor AI (2023), Natural Protected Areas within Cities: An International Legislative Comparison Focused on Romania, Land 12(7):1279 (ISSN 2073-445X, 2022 impact factor: 3, 2022 article influence score: 0.51, Q2 environmental studies (IF), Q4 environmental studies (AIS) in 2022), DOI:10.3390/land12071279, WoS accession no.: WOS:000103603630001, Scopus no.: 85166636333, available at https://www.mdpi.com/2073-445X/12/7/1279


C26) Nguyen HD, Dang DK, Nguyen QH, Bui QT, Petrișor AI (2022), Evaluating the Effects of Climate and Land Use Change on the Future Flood Susceptibility in the Central Region of Vietnam by Integrating Land Change Models, Machine Learning Methods, Geocarto International 37(26):12810-12845 (ISSN 1010-6049, 2022 impact factor: 3.3, 2022 article influence score: 0.559, Q2 geosciences, multidisciplinary; environmental sciences; remote sensing (IF), Q2 geosciences, multidisciplinary; environmental sciences; remote sensing (AIS), Q2 imaging science & photographic technology (AIS), Q2 environmental sciences; geosciences, multidisciplinary; imaging science & photographic technology (IF), Q3 remote sensing (IF) in 2022), DOI:10.1080/10106049.2022.2071477, WoS accession no.: WOS:000792064900001, Scopus no.: 85129591337, available at https://www.tandfonline.com/doi/full/10.1080/10106049.2022.2071477


D. Articles available in Scopus


E. Articles published in journals indexed in other international databases


E39) Petrișor AI (2018), Jihadiul Burelțan, o soluție pentru orașele noastre?, Repere 33:44-45 (ISSN 2067-3922, indexed in Ulrich’s Web)


29


PETRIȘOR AI (2012), "Conferința Națională Urban Concept la a XII-a ediție, Urbanismul. Seria nouă 11:35 (ISSN 1844-802X, indexed in Index Copernicus Journal Master List)


PETRIȘOR AI (2012), "Declarăția de la Toledo: spre o nouă paradigmă a relației între știință și politică sau incununarea unei procese? Amenajarea Teritoriului și Urbanismul 12(3-4):31-34 (ISSN 1841-0693, indexed in Ulrich's Web and WorldCat)


LAMB R., Urban Developments, traducere PETRIȘOR AI (2012), Repere 9:56-61 (ISSN 2067-3922, indexed in Ulrich's Web)


E123) Petrisor AI (2010), Dreptul urbanismului în Franța și România - tentativă de comparare. Urbanismul. Serie nouă 5:8-14-16 (ISSN 1844-8024, indexed in Index Copernicus Journal Master List)

E124) Petrisor AI, Rusu-Burg A (2010), A comparison among the American and Romanian higher education systems. Case study: the University of South Carolina. Columbia, SC, Geopolitica 8(36-37): 233-244 (ISSN 1583-543X, indexed in Index Copernicus Journal Master List)


E127) Petrisor AI (2010), Patologia materialelor de construcții: națiuni și principii. Repere 3:79-83 (ISSN 2067-3922, indexed in Ulrich’s Web)

E128) Petrisor AI (2010), Onul, satea mediului urban și dezvoltarea orașelor: o sinteză a teoriei, modelerilor și punctelor de vedere, Repere 2:56-61 (ISSN 2067-3922, indexed in Ulrich’s Web)

E129) Petrisor AI (2010), Abordarea interdisciplinară a conceptelor de peisaj și peisaj cultural. Amenajarea Teritoriului și Urbanismul 10(3-4):22-25 (ISSN 1841-0693, indexed in Ulrich’s Web and WorldCat)

E147) Petrişor AI (2007), Dimensiunea spatială a dezvoltării durabile. Amenajarea Teritoriului și Urbanismul 7(1-2):8-11 (ISSN 1841-0693, indexed in Ulrich’s Web and WorldCat)

E148) Petrişor AI (2007), Biodiversitatea urbana și dezvoltarea spatială durabilă. concepte, documente relevante, programe de cercetare, metode și instrumente. Amenajarea Teritoriului și Urbanismul 7(3-4):26-30 (ISSN 1841-0693, indexed in Ulrich’s Web and WorldCat)


E151) Petrişor AI (2006), Dezvoltarea durabilă a oraşelor: noi concepte europeene, Amenajarea Teritoriului și Urbanismul 6(3-4):8-10 (ISSN 1841-0693, indexed in Ulrich’s Web and WorldCat)

E152) Petrişor AI (2006), Rolul ecologului în urbanism. Amenajarea Teritoriului și Urbanismul 6(3-4):34-35 (ISSN 1841-0693, indexed in Ulrich’s Web and WorldCat)


F. Articles published in international proceedings


F22) Petrišor AI, Ianoš I, Iurea D, Văidicanu MN (2012). Applications of Principal Component Analysis integrated with GIS. Procedia Environmental Sciences 14:247-256 (ISSN 1878-0296, indexed in Clarivate Conference Proceedings Citation Index), DOI:10.1016/j.proenv.2012.03.024, WOS:000312370500023, available at http://ac.els-cdn.com/S187802961200494X/1-s2.0-S187802961200494X-main.pdf?_tid=bc1e5b3b4635f0166df4b1f8285ce1a&acdnat=1337844451_766e99949e7b8611e8b77d6b4335634


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G. Articles published in national proceedings


9. Lista proiectelor de cercetare câștigate de candidat și valoarea acestora

List of grants obtained by the applicant and their value.

Please note the following coding: a **blue font** indicates grants over 100,000 euros as director or equivalent; a **yellow background** indicates projects within the latest five years.

<table>
<thead>
<tr>
<th>Program/Project</th>
<th>Role</th>
<th>Period</th>
<th>Funding</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Research project <strong>Biocomplexity of Marine Stromatolites: Biogeochemical</strong></td>
<td>Member of research team</td>
<td>2002-2008</td>
<td>National Science Foundation, USA</td>
<td>$2,013,100 (1,851,823.86 euro)</td>
</tr>
<tr>
<td><strong>Cycling, Microbial Population Dynamics, and Mineral Formation in a Three</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>showAward.do?AwardNumber=0221796</strong></td>
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<tr>
<td>2. Research project <strong>Microbial Observatories: Anhydrophobic, Halotolerant</strong></td>
<td>Member of research team</td>
<td>2002-2008</td>
<td>National Science Foundation, USA</td>
<td>$873,100 (803,153.05 euro)</td>
</tr>
<tr>
<td><strong>Microbial Mats of San Salvador Island, Bahamas</strong>, no. 0132528, <a href="http://www.nsf">http://www.nsf</a>.**</td>
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<tr>
<td><strong>gov/awardsearch/showAward.do?AwardNumber=0132528</strong></td>
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<tr>
<td>3. Project within the excellence research program <strong>Eficienta managementului</strong></td>
<td>Member of research team</td>
<td>2006-2008</td>
<td>Ministry of Education and Research, Romania</td>
<td>1,480,000 lei (297,385.82 euro)</td>
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<tr>
<td><strong>in intensiv nutritional, farmacologic si comportamental al obezitatii -</strong></td>
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<tr>
<td>corelarea factorilor genetici, biomorfologici si psihologici (Efficiency of the**</td>
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<tr>
<td>intensive nutritional, pharmacological and behavioral management of obesity -**</td>
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<tr>
<td>correlation of genetic, bio-morphological and psychological factors),**</td>
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<tr>
<td>4. Research project <strong>within the program Partnership in priority fields -</strong></td>
<td>Member of research team</td>
<td>2007-2009</td>
<td>Ministry of Education and Research, Romania</td>
<td>12,000,000 lei (2,411,236.36 euro)</td>
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<td>complex projects Sistem informatic de tip OpenGIS pentru**</td>
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<tr>
<td>monitorizarea impactului politiciilor de amenajare a teritorialui (OpenGIS**</td>
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<td>system to monitor the impact of spatial planning policies) -**</td>
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<td>GISTEREG, no. 1206, <a href="http://cnmp.ro/38083/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8a91f7df5c5d983a506cd68f6detail&amp;i=206&amp;wchkl=3265198ccde88aa50d024dc2fd93972cb1">http://cnmp.ro/38083/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8a91f7df5c5d983a506cd68f6detail&amp;i=206&amp;wchkl=3265198ccde88aa50d024dc2fd93972cb1</a></td>
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<td>5. Research project <strong>within the program Partnership in priority fields -</strong></td>
<td>Member of research team</td>
<td>2007-2009</td>
<td>Ministry of Education and Research, Romania</td>
<td>11,000,000 lei (2,210,300.00 euro)</td>
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<td>complex projects Sistem integrat spatial GIS de valorificare a**</td>
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<tr>
<td>zonelor alpine greu accesibile si cu potenţial turistic complex pentru**</td>
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<tr>
<td>includerea lor in circuitul turistic. Dezvoltare Valea Lotrului - Valea**</td>
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<tr>
<td>Oltului (GIS for the valorization of hardly accessible alpine areas with**</td>
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<tr>
<td>complex potentials for tourism, in order to include them in tours.**</td>
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<tr>
<td>Development of the valleys of Lotru and Olt - VALOT, no. 1219,**</td>
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<td><a href="http://cnmp.ro/38083/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8a91f7df5c5d983a506cd68f6detail&amp;i=219&amp;wchkl=4d706db5f14e229a11341189706d6a5c">http://cnmp.ro/38083/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8a91f7df5c5d983a506cd68f6detail&amp;i=219&amp;wchkl=4d706db5f14e229a11341189706d6a5c</a></td>
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<tr>
<td>6. Nucleus project <strong>Direcţii de aplicare a conceptelor de dezvoltare</strong></td>
<td>Member of research team</td>
<td>2007-2009</td>
<td>Ministry of Education and Research, Romania</td>
<td>2,400,000 lei (482,247.27 euro)</td>
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<td>spatială în vederea creşterii coeziunii teritoriale şi a susţinerii**</td>
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<tr>
<td>procesului de integrare/CONECT-TER (Directions for applying**</td>
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<td>spatial planning concepts in order to increase territorial cohesion**</td>
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<tr>
<td>and sustain the integration process) / CONECT-TER, research**</td>
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<tr>
<td>project Centura verde - politica urbană pentru protejarea zonelor**</td>
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<tr>
<td>naturale (The greenbelt: urban policy to protect natural areas), 3rd**</td>
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<td>phase: Cercetare asupra cadrului instituţional de constituire a**</td>
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<tr>
<td>centurilor verzi în România (Research on the institutional**</td>
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<td>framework for constituting greenbelts in Romania), PN0601**</td>
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<td>7. ESPON project <strong>ESPON CLIMATE - Climate Change and</strong></td>
<td>Member of research team, head of project since**</td>
<td>2009-2011</td>
<td>ESPON 2013 program</td>
<td>4,226,000 lei (849,157.07 euro)</td>
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<td><strong>Territorial Effects on Regions and Local Economies in Europe (2009-2011),</strong></td>
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<td><a href="http://www.espon.eu/mnp/online/website/content/programme/1455">http://www.espon.eu/mnp/online/website/content/programme/1455</a>**</td>
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<td>/2233/2236/2567/index_EN.html**</td>
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<td>Program/Project</td>
<td>Role</td>
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<td>8. Project Tisa Catchment Area Development - TICAD,  <a href="http://www.see-ticad.eu/">http://www.see-ticad.eu/</a></td>
<td>Member of research team</td>
<td>2009-2012</td>
<td>South East Europe Program</td>
<td>12,500,000 lei (2,511,704.54 euro)</td>
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<tr>
<td>9. Nucleus project Identificarea măsurilor de atenuare a disparităţilor în gradul de dezvoltare al diferitelor categorii de teritorii (Identifying measures to reduce disparities in the development of different categories of territories) - phase Utilizarea eficienţei a resurselor în contextul dezvoltării durable a diferitelor categorii de teritorii (Efficient use of resources in the context of the sustainable development of different categories of territories), PN 09 03 01 06</td>
<td>Member of research team</td>
<td>2010</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
</tr>
<tr>
<td>10. Project From Army To Entrepreneurship - FATE, <a href="http://www.fateproject.eu/">http://www.fateproject.eu/</a></td>
<td>Member of research team, head of project since January 2011</td>
<td>2011-2012</td>
<td>South East Europe</td>
<td>9,600,000 lei (1,928,989.09 euro)</td>
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<tr>
<td>11. Nucleus project Identificarea măsurilor de atenuare a disparităţilor în gradul de dezvoltare al diferitelor categorii de teritorii (Identifying measures to reduce disparities in the development of different categories of territories) - phase Utilizarea marketingului urban şi a principiului antreprenorialităţii în dezvoltarea oraşelor mici şi mijlocii (Use of urban marketing and entrepreneurship principle in the development of small and medium cities), PN 09 03 01 06</td>
<td>Member of research team</td>
<td>2012</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>12. Nucleus project Dezvoltarea rurală ca factor de competitivitate teritorială în vederea reducării disparităţilor intra-regionale (Rural development - competitiveness factor reducing regional gaps) - phase Susţinerea procesului de urbanizare prin adaptarea structurilor rurale tradiţionale şi promovarea caracterului identitar al fondului construit (Supporting the urbanization process by adapting traditional rural structures and promoting the identity characteristics of the built stock), PN 09 03 01 04</td>
<td>Member of research team</td>
<td>2012</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
</tr>
<tr>
<td>13. Teaching Integrated Planning and Design for Sustainable Urban Peripheries in Europe</td>
<td>Member of research team</td>
<td>2012</td>
<td>Erasmus – Intensive Programme 2013</td>
<td>Unknown</td>
</tr>
<tr>
<td>14. Funding the journal Urbanism. Arhitectură. Construcții</td>
<td>Author of application</td>
<td>2013</td>
<td>ANCSI/ UEFISCDI</td>
<td>1,000 lei (200.94 euro)</td>
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<tr>
<td>15. Nucleus project Consolidarea integrării teritoriului naţional în teritoriul comunitar european prin definirea identităţii spaţiale şi realizarea coeziunii teritoriale în cadrul Strategiei EUROPA 2020 (Consolidating the integration of the national territory in the communitarian European territory by defining its spatial identity and achieving territorial cohesion within EUROPA 2020 Strategy) - phase Principii și instrumente de management urban necesare utilizării pe scara extinsă a potențialului energetic național regenerabil și a sporirii măsurilor aplicate de ecologizare (Urban management principles and instruments necessary for a large scale use of national renewable energy potential and increasing applied ecological measures), PN 09 03 01 10</td>
<td>Researcher, Head of project</td>
<td>2013</td>
<td>Ministry of Education and Research, Romania</td>
<td>67,500 lei (13,563.20 euro)</td>
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<tr>
<td>16. Nucleus project Consolidarea integrării teritoriului naţional în teritoriul comunitar european prin definirea identităţii spaţiale şi realizarea coeziunii teritoriale în cadrul Strategiei EUROPA 2020 (Consolidating the integration of the national territory in the communitarian European territory by defining its spatial identity and achieving territorial cohesion within EUROPA 2020 Strategy) - phase Măsuri de stimulare a utilizării surselor regenerabile de energie în spațiul creătorii eficienței energetic sau ecologizării regiunilor urbane din România (Measures for stimulating the use of renewable energy sources and ecological restoration of Romanian urban regions), PN 09 03 01 10</td>
<td>Member of research team, head of project</td>
<td>2013</td>
<td>Ministry of Education and Research, Romania</td>
<td>16,837 lei (3,383.17 euro)</td>
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<tr>
<td>Program/Project</td>
<td>Role</td>
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<td>17. Nucleus project Efectele socio-economice ale politicii de extindere a rețelei de localități urbane (Socio-economic effects of the policy of expanding the urban settlement network) - phase Evaluarea efectelor politicii de extindere a rețelei de localități urbane, utilizând metode econometriche, statistice şi geostatistice (Evaluating effects of the policy of expanding the urban settlement network using econometric, statistical and geo-statistical methods), PN 09 03 01 03</td>
<td>Member of research team</td>
<td>2013</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>18. Nucleus project Identificarea măsurilor de atenuare a disparităților în gradul de dezvoltare al diferitelor categorii de teritorii (Identifying measures to reduce disparities in the development of different categories of territories) - phase Măsuri de atenuare a disparităților inter- și intra-regionale în zonele de slabă polarizare urbană (Measures for attenuating inter- and intra-regional disparities within weak urban polarization areas), PN 09 03 01 06</td>
<td>Member of research team</td>
<td>2013</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>19. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 6th edition</td>
<td>Author of application</td>
<td>2013</td>
<td>ANCSI/UEFISCDI, Romania</td>
<td>2,500 lei (502.34 euro)</td>
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<td>20. Nucleus project Identificarea măsurilor de atenuare a disparităților în gradul de dezvoltare al diferitelor categorii de teritorii (Identifying measures to reduce disparities in the development of different categories of territories) - phase Smart Cities: problematicei urbane în România (Smart Cities: Urban issues in Romania), PN 09 03 01 06</td>
<td>Member of research team</td>
<td>2014</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>21. Research project Spirij pentru îndeplinirea condiționalității ex-ante 5.1 – evaluarea riscurilor la nivel național (Support for meeting ex-ante conditionality 5.1 – national risk assessment) (RO-RISK)</td>
<td>Member of research team</td>
<td>2015-2017</td>
<td>Operational Program for Technical Assistance, Romania</td>
<td>Unknown</td>
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<tr>
<td>22. Nucleus project Dezvoltarea rurală ca factor de competitivitate teritorială în vederea reducerii disparităților interregionale (Rural development as a territorial competitiveness driver for reducing interregional gaps), NIRD URBAN-INCERC, PN 09 03 01 04 - phase 9</td>
<td>Member of research team</td>
<td>2015</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>23. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 10th edition</td>
<td>Author of application</td>
<td>2015</td>
<td>ANCSI/UEFISCDI, Romania</td>
<td>4,500 lei (904.21 euro)</td>
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<td>24. Nucleus project Dezvoltare durabilă sau dezvoltare sustenabilă? Definirea conceptelor și conturare modelului teoretic de construcție a IDD (Indice Dezvoltării Durabile) (Durable or sustainable development? Defining the concepts and drafting the construction of the sustainability index - phase 1.1 Defining and operating the concept of territorial sustainability)</td>
<td>Member of research team</td>
<td>2016</td>
<td>Ministry of Education and Research, Romania</td>
<td>Unknown</td>
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<tr>
<td>25. Nucleus program Cercetări integrate pentru reziliența, eficiența, siguranța și confortul mediului construit (Integrated research for the resilience, efficiency, safety and comfort of the built environment) – CRESC, PN16.10</td>
<td>Program director</td>
<td>2016</td>
<td>Ministry of Education and Research, Romania</td>
<td>5,671,131 lei (1,139,536.44 euro)</td>
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<tr>
<td>26. National Plan for Research - Development - Innovation 2014-2020, Program 2: Increasing the competitiveness of Romanian economy through research, development and innovation, Sub-program 2.1. Competitiveness through research, development and innovation, Category Experimental demonstrative project – Project Model inovativ de planificare teritorială a rețelei de localități policentrice și echilibrate în contestul specializărilor inteligente a orașelor din România (Innovative territorial planning model for the network of polycentric and balanced settlements in the context of the smart specialization of Romanian cities), PN-III-P2-2.1-PED-2016-0733</td>
<td>Member of research team, head of project replaced after the resignation from URBAN-INCERC</td>
<td>2016</td>
<td>UEFISCDI, Romania</td>
<td>583,800 lei (117,306.65 euro)</td>
</tr>
<tr>
<td>27. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 12th edition</td>
<td>Author of application</td>
<td>2016</td>
<td>ANCSI/UEFISCDI, Romania</td>
<td>1,700 lei (341.59 euro)</td>
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<td>Period</td>
<td>Funding</td>
<td>Value</td>
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<td>28. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 13th edition</td>
<td>Author of application</td>
<td>2017</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>1,700 lei (341.59 euro)</td>
</tr>
<tr>
<td>29. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 14th edition</td>
<td>Author of application</td>
<td>2018</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>35,000 lei (7,032.77 euro)</td>
</tr>
<tr>
<td>30. Funding the symposium <em>Urbanism, arhitectură, patrimoniul. Câmpulung, România: 100 (Urbanism, architecture, heritage. Campulung, Romania: 100)</em> and the annual scientific session of the architecture and urban planning doctoral schools – 3rd edition, Câmpulung Muscel, Romania</td>
<td>Co-Author of application</td>
<td>2018</td>
<td>Campulung Muscel City Hall</td>
<td>17,000 lei (3,415.92 euro)</td>
</tr>
<tr>
<td>31. Funding the annual scientific session of the architecture and urban planning doctoral schools – 4th edition, Dealu Frumos, Romania, Program for extra-curricular activities</td>
<td>Author of application</td>
<td>2019</td>
<td>Ministry of National Education, Romania</td>
<td>7,200 lei (1,446.74 euro)</td>
</tr>
<tr>
<td>32. Funding the annual scientific session of the architecture and urban planning doctoral schools – 5th edition, Bucharest and Dealu Frumos, Romania, Program for extra-curricular activities</td>
<td>Author of application</td>
<td>2019</td>
<td>Ministry of National Education, Romania</td>
<td>7,200 lei (1,446.74 euro)</td>
</tr>
<tr>
<td>33. Funding the research conference on constructions, economy of constructions, architecture, urbanism and territorial development, 16th edition</td>
<td>Author of application</td>
<td>2019</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>10,500 lei (2,109.83 euro)</td>
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<tr>
<td>34. Funding the journal <em>Urbanism. Arhitectură. Construcții</em></td>
<td>Author of application</td>
<td>2019</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>17,765 lei (3,569.63 euro)</td>
</tr>
<tr>
<td>35. Funding the publication <em>Conferința de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului. Rezumate ale lucrărilor (Research conference on constructions, economy of constructions, architecture, urbanism and territorial development. Abstract Proceedings)</em></td>
<td>Head of project</td>
<td>2019</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>15,951 lei (3,205.14 euro)</td>
</tr>
<tr>
<td>36. Funding the publication <em>Lucrările conferinței de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului (Paper proceedings of the research conference on constructions, economy of constructions, architecture, urbanism and territorial development)</em></td>
<td>Head of project</td>
<td>2019</td>
<td>ANCSU/UEFISCDI, Romania</td>
<td>14,922 lei (2,998.37 euro)</td>
</tr>
<tr>
<td>37. Funding the annual scientific session of the architecture and urban planning doctoral schools – 6th edition, Dealu Frumos, Romania, Program for extra-curricular activities</td>
<td>Author of application</td>
<td>2020</td>
<td>Ministry of National Education, Romania</td>
<td>2,880 lei (578.70 euro)</td>
</tr>
<tr>
<td>38. National Plan for Research - Development - Innovation 2014-2020, Program 2: Increasing the competitiveness of Romanian economy through research, development and innovation, Sub-program 2.1: Competitiveness through research, development and innovation, Category Experimental demonstrative project – Project SMART IT-platform for the evaluation of multi-mode transport cost to the Romanian resorts (Platformă informatică SMART de evaluare a costului transportului multimodal către stațiunele turistice din România), PN-III-P2-2.1-PED-2019-1216</td>
<td>Member of research team</td>
<td>2020-2021</td>
<td>UEFISCDI, Romania</td>
<td>600,000 lei (120,561.82 euro)</td>
</tr>
<tr>
<td>39. Project People and trees. Management solutions for sustainable development and resilience of Bâneasa forest (Oameni și arbori. Soluții de management al pădurii Bâneasa pentru dezvoltare urbană durabilă și reziliență), CIVIS Open Lab</td>
<td>Institutional head of project</td>
<td>2021</td>
<td>University of Bucharest</td>
<td>18,000 lei (3,616.85 euro)</td>
</tr>
<tr>
<td>40. Project ARIS-UAUIM (Acces to databases and equipment for the library / Acces la baze de date și dotări bibliotecă)</td>
<td>Member of research team, lecturer - webinar</td>
<td>2021</td>
<td>DMC UAUIM Research Fund, Romania</td>
<td>18,000 lei (3,616.85 euro)</td>
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<tr>
<td>Program/Project</td>
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<td>Period</td>
<td>Funding</td>
<td>Value</td>
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<tr>
<td>41. Funding the annual scientific session of the architecture and urban planning doctoral schools – 7th edition, Dealu Frumos, Romania, Program for extra-curricular activities</td>
<td>Author of application</td>
<td>2021</td>
<td>Ministry of National Education, Romania</td>
<td>2,880 lei (578,70 euro)</td>
</tr>
<tr>
<td>42. Project Increased visibility and impact of Journal of Urban and Landscape Planning - JULP UAUIIM (Creștere vizibilitate și impact revista Journal of Urban and Landscape Planning - JULP UAUIIM) (JULP)</td>
<td>Member of research team, expert, trainer</td>
<td>2021</td>
<td>DMC UAUIIM 2021 Research Fund, Romania</td>
<td>36,231.80 lei (7,280,29 euro)</td>
</tr>
<tr>
<td>43. Project VERIDOCT - Implementarea procesului de verificare a tezelor de doctorat susținute în perioada 1990-2016 (Implementing the process of verifying doctoral theses defended in the period 1990-2016)</td>
<td>Member of research team, lecturer</td>
<td>2021-2022</td>
<td>ME Order no. 5255/2021, Romania</td>
<td>Unknown</td>
</tr>
<tr>
<td>44. National Plan for Research - Development - Innovation 2021-2027, Program Human resources, Project Impactul suburbanizării în zonele metropolitan din România – nevoia unor noi instrumente de planificare și gestiune teritorială (Impact of sub-urbanization on Romanian metropolitan areas - need for new planning and territorial management tools) - METROPLAN, domain Postdoctoral research projects - PD 2021, PN-III-P1-1.1-PD-2021-0030</td>
<td>Member of research team, mentor</td>
<td>2022</td>
<td>UEFISCDI, Romania</td>
<td>214,685 lei (43,138,02 euro)</td>
</tr>
<tr>
<td>45. Project Dezvoltarea capacității instituționale a UAUIIM pentru cercetare în arhitectură și urbanism prin crearea unei culturi a diseminării rezultatelor (Developing the institutional capacity of IMUAU for research in architecture and urban planning by creating a culture of disseminating results) – CULTADISER, Developing institutional capacity for research in universities, CNFIS-FDI-2022-0450</td>
<td>Head of project</td>
<td>2022</td>
<td>Institutional Development Fund, Romania</td>
<td>255,500 lei (51,339,24 euro)</td>
</tr>
<tr>
<td>46. National Plan for Research - Development - Innovation 2014-2020, Program 2: Increasing the competitiveness of Romanian economy through research, development and innovation, Sub-program 2.1. Competitiveness through research, development and innovation, Category Exploratory research project – Project Centura Verde a Bucureștiului - Model inteligent integrat pentru gestionarea durabilă a infrastructurii verzi urbane (Green belt of Bucharest: smart, integrated model for the sustainable management of urban green infrastructure), PN-III-P4- PCE-2021-1015</td>
<td>Head of project</td>
<td>2022-2024</td>
<td>UEFISCDI, Romania</td>
<td>1,200,000 lei (241,123,64 euro)</td>
</tr>
<tr>
<td>47. National Plan for Research - Development - Innovation 2014-2020, Program 2: Increasing the competitiveness of Romanian economy through research, development and innovation, Sub-program 2.1. Competitiveness through research, development and innovation, Category Exploratory research project – Project Utilizarea inteligentă și durabilă a terenurilor: soluții pentru agricultura reziliență (Smart and sustainable land use: solutions for resilient agriculture), PN-III-P4-PCE-2021-1450</td>
<td>Member of research team</td>
<td>2022-2024</td>
<td>UEFISCDI, Romania</td>
<td>1,018,181 lei (205,589,59 euro)</td>
</tr>
<tr>
<td>48. Project ARIS-UAUIIM 2.0 (Acces la resurse de informare științifică și creșterea calității cercetării instituționale a UAUIIM - Access to databases and equipment for the library)</td>
<td>Member of research team, lecturer - webinar</td>
<td>2022</td>
<td>DMC UAUIIM 2022 Research Fund, Romania</td>
<td>72,000 lei (14,467.42 euro)</td>
</tr>
<tr>
<td>49. Funding the journal Urbanism. Arhitectură. Construcții</td>
<td>Author of application</td>
<td>2022</td>
<td>ANCSI/ UEFISCDI, Romania</td>
<td>40,500 lei (8,137,92 euro)</td>
</tr>
<tr>
<td>50. Funding the annual scientific session of the architecture and urban planning doctoral schools – 9th edition, Chiojdu, Romania, Program for extra-curricular activities</td>
<td>Author of application</td>
<td>2023</td>
<td>Ministry of National Education, Romania</td>
<td>3,400 lei (683,18 euro)</td>
</tr>
<tr>
<td>Program/Project</td>
<td>Role</td>
<td>Period</td>
<td>Funding</td>
<td>Value</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>51. Project Consolidarea capacității instituționale a UAUI M pentru cercetare în arhitectură și urbanism prin crearea unei culturi a diseminării rezultatelor (Consolidating the institutional capacity of IMUAU for research in architecture and urban planning by creating a culture of disseminating results) - CULTADISER 2023, Developing institutional capacity for research in universities, CNFIS-FDI-2022-0450</td>
<td>Responsible for specific activities</td>
<td>2023</td>
<td>Institutional Development Fund, Romania</td>
<td>200,000 lei (4,018.73 euro)</td>
</tr>
<tr>
<td>52. Project Promovarea excelentei în cercetarea doctorală de arhitectură și urbanism (Promoting excellence in architecture and urban planning doctoral research) - ExcelDr</td>
<td>Head of project</td>
<td>2023</td>
<td>DMC UAUI M 2023, Romania</td>
<td>90,607 lei (18,206.24 euro)</td>
</tr>
<tr>
<td>53. Funding the journal Urbanism. Arhitectură. Construcții</td>
<td>Author of application</td>
<td>2023</td>
<td>ANCSI/UEFISCDI, Romania</td>
<td>38,750 lei (7,786.28 euro)</td>
</tr>
</tbody>
</table>
10. Lista brevetelor depuse și a celor acceptate, dacă este cazul
List patent applications and awarded patents, if applicable.

Petricor Al, Mejia V (2017), Metoda geospatiala de planificare integrata a habitatului uman in zone umede protejate
(Geospatial method for integrated planning of human habitat in protected wetlands), Bul. of the Romanian Academy of Industrial Patents - Sec. Invention 5/2017, pp. 51 (ISSN 2065-2100), oattent application no. RO131910-A0, Derwent no.: DIIDW:201734442Q