

INFORMAȚII PERSONALE



Radulescu Victorita

 Str. Dr. Burghilea nr.12, ap.2, Sector 2, 024032, Bucuresti, Romania
 Secretariat 0214029282, direct 0214029615  0754076494
 vradul4@gmail.com, victorita.radulescu@upb.ro
 www.hydrops.pub.ro

Sexul Feminin | Data nașterii 26/09/1959 | Naționalitatea Romana

LOCUL DE MUNCA
POZIȚIA

Universitatea Politehnica Bucuresti, Facultatea Energetica,
Departament: Hidraulica, Masini Hidraulice si Ingineria Mediului
Sef Laborator Hidraulica aplicata si Modelari numerice

Scrieți datele

2004→ prezent Prof. dr. ing.
1996 -2004 Conf. dr. ing.
1990-1996- Sef lucrari, din 1994- dr.ing.
1985-1990 - Asistent universitar
Universitatea Politehnica Bucuresti
Splaiul Independentei nr.313, Sector 6, 060042, Bucuresti, Romania
Pagina web: <http://www.hydrops.pub.ro/>
Prof. dr. ing.
Invatamant superior, Educatie, Universitate

EXPERIENȚA PROFESIONALĂ

- Perioada 1984-1985
- Numele si adresa angajatorului INCREST (INSTITUTUL NATIONAL DE CREATIE STIINTIFICA SI TEHNICA BUCURESTI)
- Tipul activitatii sau Sector de Cercetare-proiectare
- Functia sau postul ocupat ing. CPIII
 - Principalele activitati si responsabilitati Proiectarea unor sisteme de actionari hidraulice pentru simulatorul de zbor de elicoptere Puma
- Perioada 1983-1984
- Numele si adresa angajatorului UZINA DE AUTOTURISME DACIA PITESTI COLIBASI
- Tipul activitatii sau Sector de Stagiul 1 an, Cercetare, productie
- Functia sau postul ocupat ing. Stagiar
 - Principalele activitati si responsabilitati Sef de atelier, Sectia Masini-Unelte, proiectarea si executia a 2 standuri: unul de prelucrari biele si cel de-al doilea prelucrari chiulasa

EDUCAȚIE ȘI FORMARE

- Perioada 8 Apr 03 - 1 Apr 05
- Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala University Aristotle of Thessaloniki, Faculty of Engineering, School of Civil Engineering
- Domeniul studiat/apitudini ocupationale Panepistimiou, 200, 07432 Thessaloniki, Greece Socrates Programme
- Tipul calificarii/Diploma obtinuta River Mechanics, Transient Regimes-2003, Sediment transport-2004
- Nivelul de clasificare a formei de Free surfaces flows -2005
- Nivelul de clasificare a formei de Qualify Researcher, Visiting Professor,
- Nivelul de clasificare a formei de ISCED 6

• Perioada • Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala • Domeniul studiat/aptitudini ocupationale • Tipul calificarii/Diploma obtinuta • Nivelul de clasificare a formei de instruire/invatamant	10 Jan 00 - 30 Jun 01 University of Miskolc, University Egyetemvaros, H3515 Miskolc, Hungary General Numerical Modeling, Mathematical models Visiting Professor, Researcher ISCED 6
• Perioada • Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala • Domeniul studiat/aptitudini ocupationale • Tipul calificarii/Diploma obtinuta • Nivelul de clasificare a formei de instruire/invatamant	7 Sep 94 - 20 Jun 97 Hydraulic Research Laboratory, HR Wallingford Ltd, Research laboratory Howbery Park, Oxfordshire OX10 8BA Wallingford, United Kingdom Fluid flow with free surfaces Sediment transport, Soil Erosion, Soils infiltration Visiting Professor, Researcher ISCED 6
• Perioada • Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala • Domeniul studiat/aptitudini ocupationale • Tipul calificarii/Diploma obtinuta • Nivelul de clasificare a formei de instruire/invatamant	10 Apr 1993 – 10 Apr 1996 University of Athens (School of Sciences, Faculty of Geology and Geoenvironment) Panep/poli, 15701 Ilissia Athens, Greece Water pollution, Flows with Free surfaces in Rivers and Lakes Special fellowships programmes ISCED 6
• Perioada • Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala • Domeniul studiat/aptitudini ocupationale • Tipul calificarii/Diploma obtinuta • Nivelul de clasificare a formei de instruire/invatamant	10 Sept 90 - 4 Jun 94 Universitatea Politehnica Bucuresti, Universitate Splaiul Independentei nr.313, Sector 6, 060042, Bucuresti, Romania Teza de doctorat/ Specializarea: Hidraulica, Masini, Instalatii si Actionari Diploma doctor Inginer ISCED 6
• Perioada • Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala • Domeniul studiat/aptitudini ocupationale • Tipul calificarii/Diploma obtinuta • Nivelul de clasificare a formei de instruire/invatamant	1 Oct 78 - 30 Jun 83 Universitatea Politehnica Bucuresti, Universitate Splaiul Independentei nr.313, Sector 6, 060042, Bucuresti, Romania Facultatea Mecanica/Sectia Masini hidraulice si pneumatice/ Discipline principale studiate: Mecanica fluidelor, Matematica –Analiza matematica, Algebra, Matematici speciale, Fizica, Organe de masini, Rezistenta materialelor, Metode numerice, Masini hidraulice: Pompe, ventilatoare , compresoare, Turbine hidraulice, Actionari si comeni hidropneumatice Diploma inginer ISCED 5

• Perioada	15 Sep 76 - 15 Sep 78
• Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala	Liceu de Matematica –Fizica nr.10, B-dul Ferdinand nr 89, 021393 Bucuresti, Romania
• Domeniul studiat/aptitudini ocupationale	Liceu teoretic, clasa matematica-informatica, Elev clasa XI-XII
• Tipul calificarii/Diploma obtinuta	Diploma bacalaureat
• Nivelul de clasificare a formei de instruire/invatamant	ISCED 4
• Perioada	15 Sep 74 - 15 Jun 76
• Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala	Liceul Gh. Lazar, Teoretic Matematica-Fizica Bulevardul Regina Elisabeta Nr.49, Sector 5, 050013 Bucuresti
• Domeniul studiat/aptitudini ocupationale	Liceu Teoretic, Clasa Matematica-Informatica, Elev cls IX-X
• Tipul calificarii/Diploma obtinuta	Diploma de absolvire
• Nivelul de clasificare a formei de instruire/invatamant	ISCED 4
• Perioada	15 Sep 68 - 15 Jun 74
• Numele si tipul institutiei de invatamant si al organizatiei profesionale prin care s-a realizat formarea profesionala	Scoala Generala nr.151 Str. Garii de Nord nr.2, 010856 Bucuresti, Romania
• Domeniul studiat/aptitudini ocupationale	Scoala primara + Gimnaziu
• Tipul calificarii/Diploma obtinuta	Certificat de absolvire
• Nivelul de clasificare a formei de instruire/invatamant	ISCED 1

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C2	C2	C2
Franceza	C2	C2	C2	C2	C2
Italiana	C21	C1	C1	C1	C1

Competențe de comunicare

Profesor universitar; foarte bune abilitati de comunicare orala si scrisa

- Responsabil de tema si director de proiecte in numeroase teme internationale si nationale; experienta in ceea ce priveste lucrul in echipa internationala, indiferent de obiceiuri, cultura etc. Participare la numeroase congrese nationale si internationale

COMPETENTE PERSONALE

Competențe organizaționale/manageriale

Sef de Laborator de Hidraulica aplicata si Modelari numerice, Departamentul de Hidraulica, Masini hidraulice si Ingineria mediului, Facultatea Energetica
1 tehnician in subordine
Sef de Laborator de Hidrodinamica retelelor de profile, Departamentul de Hidraulica, Masini hidraulice si Ingineria mediului, 1 tehnician in subordine
Responsabil de tema in 3 contracte internationale, Director de proiect in peste 40 contracte de cercetare stiintifica cu beneficiari din industrie sau din Planul National de cercetare
Experineta in conducerea echipelor de lucru, in proiecte ample, cu mai multi parteneri.
▪ In prezent am o echipa de lucru in departament cu 4 membri

Competențe dobândite la locul de muncă

Expert Evaluator European- Am evaluat peste 80 de proiecte Europene in Domeniul Mediu, Protectia mediului, Energetica generala, Hidraulica aplicata, Mecanica teoretica si aplicata, Modelari numerice, Analize de risc, Masini-unelte
Membru Platforma Europeana PT 18- Surse regenerabile
Membru EPS - Societatea Europeana de Fizica
Director 3 Proiecte cercetare internationale, 2-Greece – Univ. Aristotle Thessaloniki si Univ. Tehnica Athena si 1- Hydraulic Laboratory Research, Wallingford, United Kingdom
Responsabil sau director proiect peste 40 contracte nationale, CEEX, Granturi CNCISIS, INVENT, MENER, Grant Idei, etc.
Membru in colectivul de lucru la peste 30 contracte cercetare cu parteneri din industrie
Membru CNR-WEC- Consiliul National Roman- World Energy Council
Membru Birou National Societatea Romana de Fizica
Vicepresedinte Filiala Bucuresti Societatea Romana de Fizica
Membru Comisia Young Energy-Enel
Membru SIAC-Societatea de Inginerie Asistata de Calculator
Membru AOSR- Asociatia Oamenilor de Stiinta din Romania- Sectia Stiinte Tehnice
Competente tehnice: Mecanica fluidelor- desprinderi de strat limita, miscari rotationale si irotationale, modelari de curgeri in rotoare de turbomasini, Hidrodinamica profilelor izolate si in retea, estimari randamente de turbomasini
Expert Evaluator PN II, PN III
Membru Expert MEC
Expert Tehnic CNCISIS
Expert Tehnic Comitetul National Young Energy
- 6 - Capitole in Carti publicate internationale
- 14 - Carti publicate national, Indrumare de laborator, 7 – Edituri centrale, 9 cu ISBN
- 23 - Manuale, suport de curs, inclusiv electronic
- 24 – Articole in reviste nationale si internationale
- 46 – lucrari publicate in volumele unor reviste sau Congrese Internationale indexate WOS
- 42 – Contracte de cercetare ca director de proiect

Competențe informatice

Modelari numerice: Hidrodinamica aplicata, Curgeri cu suprafata libera, Protectia mediului, Erodari si depuneri necontrolate, infiltratii, Poluarea solului si subsolului, poluarea apelor, Curgeri in masini hidraulice, Desprinderi de strat limita, etc
Modelari numerice privind vizualizarea curgerilor
Modelari cu soft specializat:
▪ o bună cunoaștere a instrumentelor Microsoft Office™, Fluent, CFD, ModFlow, 3D-Flow, 2D-Flow, Mathcad, AutoCad, Mathematica, etc.

Alte competențe

Pictura si grafica
Scriis - 14 carti publicate, Culegeri, Indrumare de laborator, 7 in Edituri centrale, 9 cu ISBN
Grafica pe calculator
▪ Hobby : Baschet, calatoriile

Permis de conducere

▪ Categoria B

INFORMATII SUPLIMENTARE

Publicații
Prezentări
Proiecte
Conferințe

Expert european, evaluari proiecte europene, FP7- Domains: 1. Energy 2 - Renewable Resources, 3: - Energetic efficiency

Expert Audit EPSO din 2009, Expert tehnic INTERREG

Expert Young Energy, Expert tehnic Enel

Expert tehnic evaluator proiecte nationale pentru Bulgaria domeniile Energie, Surse regenerabile si Protectia mediului

Exemplu de publicații recunoscute cu Best Paper Award:

- Fuzzy method applied at energetic and economic rehabilitation of pumping station, Congres ASME FEDSM- Fluids Engineering Division Summer Meeting 2021

- Analysis and investigation of the main causes in overheating the frontal areas of stators at vertical hydro-generators, UPEC University Power Engineering Conference, 2020

- Improper management of dams constructed with local materials, infiltration risk and wasted electric energy, ImanEE 2019

ANEXE

Adăugata o listă a documentelor anexate CV-ului, Lista de lucrari, Diploma de Doctor

Martie 2025

Prof. Dr. Ing. Victorita Radulescu



A N E X A 4 . 1

Nume Prenume: .Radulescu Victorita

Gradul didactic: Prof.dr.ing.

Institutia unde este titular: Universitatea Politehnica Bucuresti

Facultatea: Energetica

Departamentul: Hidraulica, Masini hidraulice si Ingineria mediului

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

1. Titlul tezei: **Contributii la studiul miscarii cu desprindere a fluidului real in rotoarele masinilor hidraulice**

Specializarea: Hidraulica, Masini, Instalatii si Actionari

Conducator teza: Prof.dr.ing. Ion Seteanu, Sustinuta in 1994

B. Cărți si capitole în cărți publicate în ultimii 10 ani

1. Mecanica Fluidelor, Fundamente si Aplicatii, autori: Ion Seteanu, Victorita Radulescu, Nicolae Vasiliu, Daniela Vasiliu, vol.1, 760 pagini, 2004, Editura Tehnica, Bucuresti, ISBN 973-31-1316-6
2. Numerical models in Hydraulics and Power Engineering, autori: Ion Seteanu, Diana Broboana, Victorita Radulescu, 146 pag., Editura Bren, Bucuresti, 2006, ISBN 973-99604-4-8
3. Miscari rotationale si potentiale, autor: Victorita Radulescu, 250 pagini, Seria Hidraulica, Editura Bren, Bucuresti, 2006, ISBN 973-648-280-2
4. Teoria profilelor hidrodinamice izolate si în retea, autor: Victorita Radulescu, 310 pagini, Seria Hidraulica, Editura Bren, Bucuresti, 2005, ISBN 973-648-279-0
5. Mecanica fluidelor-Sisteme hidraulice, Fundamente si Aplicatii, Partea II, autori: Nicolae Vasiliu, Daniela Vasiliu, Ion Seteanu, Victorita Radulescu, vol.2, 800 pagini, 2006, Editura Tehnica, Bucuresti, ISBN 973-31-1412-X
6. Sisteme hidraulice de Aductiune. Fundamente, Calcul, Exemple, autori: Victorita Radulescu, Valeriu Nisteanu, 280 pag. Seria Hidraulica, Editura Bren, Bucuresti, 2006, ISBN 973-648-255-3
7. Mecanica fluidelor si Masini hidraulice, Victorita Radulescu, Indrumar de laborator, Seria Hidraulica, Editura Bren, Bucuresti, ISBN 973-648-253-7
8. Miscari potentiale si Hidrodinamica retelelor de profile, Victorita Radulescu, Indrumar de laborator, Editura Bren, Bucuresti, Seria Hidraulica, ISBN 973-648-254-5

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**C1. Lucrari indexate ISI (cu precizare WOS) in ordine descrescatoare a datei publicarii**

1. Research and Solutions to Minimize Frontal Area Overheating of Hydro Generator Stator with Vertical Axis, Radulescu Victorita, MDPI Journal Energy, Publisher Basel, Switzerland, March 2021, Vol. 14, Issue 5, ISSN: 996-1073, DOI:10.3390/en14051243, WOS:000628166100001
2. Critical Analysis of Faults in Operation of Energy Systems Using Fuzzy Logic, Radulescu Victorita, Intelligent Methods in Computing, Communications and Control, Book Chapter, Springer, Vol.1243, pg. 234-244, 2021, ISBN: 978-3-030-53651-0, DOI: 10.1007/978-3-030-53651-0_20, WOS:000621675100020
3. Analysis and Investigation of the Main Causes in Overheating the Frontal Areas of Stators at Vertical Hydro-generators, (2020) UPEC 2020 - 2020 55th International Universities Power Engineering Conference, Radulescu Victorita, Proceedings, art. no. 9209789, 2020, ISBN: 978-1-7281-1078-3, DOI: 10.1109/UPEC49904.2020.9209789, WOS:000627771000031
4. Methodology for Designing and Implementing a Computing Platform for Improving Small Hydropower Plants Functioning, (2020) UPEC 2020 - 2020 55th International Universities Power Engineering Conference, Radulescu Victorita, Proceedings, art. no. 9209788, ISBN: 978-1-7281-1078-3, DOI: 10.1109/UPEC49904.2020.9209788, WOS:000627771000030
5. Numerical modeling and prediction of the significant parameters for wind monitoring, ASME 2nd International Offshore wind technical conference, 2019, nov. 03-06, 2019, Radulescu Victorita, St Julian's, Malta, 2019, ASME, New York, USA, ISBN: 978-0-7918-5935-3, Energy & Fuels; Engineering, Mechanical, WOS:000518042400031
6. A pilot station using renewable resources to rehabilitate the inefficient small-hydro power plants, Radulescu Victorita, IOP Series-Materials Science and Engineering, vol. 564, pg.144-151, Univ Pitesti, Pitesti, Romania, 2019, ISSN: 1757-8981, DOI: 10.1088/1757-899X/564/1/012138, WOS:000562599900136
7. Prediction of the atmospheric boundary layer in wind power plants by proper selection of the main air parameters, Radulescu Victorita, IOP Series-Materials Science and Engineering, vol. 564, pg.152-159, 2019, Univ Pitesti, Pitesti, Romania, ISSN: 1757-8981, DOI: 10.1088/1757-899X/564/1/012138, WOS:000562599900137
8. Numerical Modeling of Unsteady Air Flow with Vortices on Wind Turbine Blades, International Conference on Electromechanical and Energy Systems, Radulescu Victorita, SIELMEN 2019 - Proceedings, art.no. 8905802, 2-s2.0-85076215960, ISBN: 978-1-7281-4011-7, DOI: 10.1109/SIELMEN.2019.8905802, WOS:000630287500014
9. Influence of the Atmospheric Parameters and the Induced Perturbations by Masts in Wind Farm, Radulescu Victorita, International Conference on Electromechanical and Energy Systems, SIELMEN 2019 - Proceedings, art.no. 8905862, 2-s2.0-85076214405, ISBN: 978-1-7281-4011-7, DOI:10.1109/SIELMEN.2019.8905862, WOS:000630287500071
10. Numerical Modeling of Intelligent Heating Systems to Improve their Energetic Efficiency, B. A., Radulescu, Radulescu Victorita, International Conference on Electromechanical and Energy Systems, SIELMEN 2019 - Proceedings, art.no. 8905917, 2-s2.0-85076225047, ISBN: 978-1-7281-4011-7, DOI:10.1109/SIELMEN.2019.8905917, WOS:000630287500124
11. Strategic and Operational Management in Energy Education, New Opportunity for Small Developers, B. A. Radulescu, Radulescu Victorita, International Conference on Electromechanical

- and Energy Systems, SIELMEN 2019 - Proceedings, art.no. 8905915, 2-s2.0-85076224427, ISBN: 978-1-7281-4011-7, DOI: 10.1109/SIELMEN.2019.8905915, WOS:000630287500122
12. Numerical modeling of the intelligent heating systems for living space, Radulescu Victorita, Book Series: MATEC Web of Conferences Volume: 178 Article Number: 09010, 22nd International Conference on Innovative Manufacturing Engineering and Energy- IMANE&E 2018, Chisinau, Rep. Moldova, Article Number: 09010, ISSN: 2261-236X, DOI: 10.1051/mateconf/201817809010, WOS:000570197900137
 13. Improper management of dams constructed with local materials, infiltration risk and wasted electric energy, Radulescu Victorita, ISSN: 2261-236X Book Series: MATEC Web of Conferences Volume: 178 Article Number: 09009, 22nd International Conference on Innovative Manufacturing Engineering and Energy- IMANE&E 2018, Chisinau, Rep. Moldova, DOI: 10.1051/mateconf/201817809009, WOS:000570197900136
 14. Optimization of Storing the Environmental Databases for Future Modeling of Power Plant, Radulescu Victorita, International Symposium on Fundamentals of Electrical Engineering ISFEE, Proceedings Paper, 01-03 nov. 2018, Fac. Elect. Engn, Elect Engn Dept. University Politehnica of Bucharest, Publisher IEEE, 345 E 47TH ST, New York, NY 10017 USA, ISBN:978-1-5386-7212-9, WOS:000480396400065
 15. Numerical Modeling of the Effect produced by repeated floods and estimation of the risk zones, Radulescu Victorita, International Symposium on Fundamentals of Electrical Engineering ISFEE, Proceedings Paper, 01-03 nov. 2018, Fac. Elect. Engn, Elect Engn Dept. University Politehnica of Bucharest, Publisher IEEE, 345 E 47TH ST, New York, NY 10017 USA, ISBN:978-1-5386-7212-9, WOS:000480396400079
 16. Selection of the Main Parameters for Long Term Prediction of the Atmospheric Boundary Layer in Romanian Wind Farms, Radulescu Victorita, International Symposium on Fundamentals of Electrical Engineering ISFEE, Proceedings Paper, 01-03 nov. 2018, Fac. Elect. Engn, Elect Engn Dept. University Politehnica of Bucharest, Publisher IEEE, 345 E 47TH ST, New York, NY 10017 USA, ISBN:978-1-5386-7212-9, WOS:000480396400037
 17. Solution to Optimize the Airfoils Shapes Placed Into a Supersonic Viscous Flow, Radulescu Victorita, ASME 2018 International Mechanical Engineering Congress and Exposition, Volume 1: Advances in Aerospace Technology, Pittsburgh, Pennsylvania, USA, November 9–15, 2018, Conference ASME, ISBN: 978-0-7918-5200-2, Paper No. IMECE2018-86781, pp. V001T03A001; 13 pages, doi:10.1115/IMECE2018-86781, WOS: 000465183800001
 18. Modeling the Wind Turbine Profiles Assuring the Maximum Lift Force With Low-Noise Operation for Variable Wind Velocities, Radulescu Victorita, ASME 2018 International Mechanical Engineering Congress and Exposition, Volume 11: Acoustics, Vibration, and Phononics, Pittsburgh, Pennsylvania, USA, November 9–15, 2018, Conference ASME, ISBN: 978-0-7918-5216-3, Paper No. IMECE2018-86795, pp. V011T01A001; 10 pages, doi:10.1115/IMECE2018-86795, WOS: 000465192700001
 19. The Impact of the Wind Power Plant on the Air Radars Functioning, Radulescu Victorita, ASME 2018 International Mechanical Engineering Congress and Exposition, Volume 7: Fluids Engineering, Pittsburgh, Pennsylvania, USA, November 9–15, 2018, Conference Sponsors: ASME, ISBN: 978-0-

- 7918-5210-1, Paper No. IMECE2018-86823, pp. V007T09A086; 10 pages, doi:10.1115/IMECE2018-86823, WOS: 000465191000086
20. Technological model to collect and partially dry the active sludge from natural lakes using solar panels, Victorita Radulescu, International Symposium “The Environment and the Industry”, SIMI 2017, Proceedings book, Bucharest, 28-29 Sept. 2017, pg. 112-119, 1843-5831 on-line: 2457-8371, DOI: <http://doi.org/10.21698/simi.2017.0014>, WOS:000430609800014
 21. New solution in rehabilitation of the hydro-power systems now in risk due to the infiltration, Victorita Radulescu, International Symposium “The Environment and the Industry”, SIMI 2017, Proceedings book, Bucharest, 28-29 Sept. 2017, pg. 77-84, 1843-5831 on-line: 2457-8371, DOI: <http://doi.org/10.21698/simi.2017.0010>, WOS:000430609800010
 22. New ecological solution to improve the lakes capacity by combating the excessively developed vegetation, Victorita Radulescu, International Symposium “The Environment and the Industry”, SIMI 2017, Proceedings book, Bucharest, 28-29 Sept. 2017, pg. 166-173, 1843-5831 on-line: 2457-8371, DOI: <http://doi.org/10.21698/simi.2017.0021>, WOS:000430609800021
 23. New solutions in recalibration of river beds in natural conditions, confronted with repeated floods, Victorita Radulescu, International Symposium “The Environment and the Industry”, SIMI 2017, Proceedings book, Bucharest, 28-29 Sept. 2017, pg. 174-181, 1843-5831 on-line: 2457-8371, DOI: <http://doi.org/10.21698/simi.2017.0022>, WOS:000430609800022
 24. Control of inorganic and organic contamination, assessment of water quality in hydropower lakes on Jiu River, Victorita Radulescu, International Symposium The Environment and the Industry, SIMI 2017, Proceedings book, Bucharest, 28-29 Sept. 2017, pg. 221-228, 1843-5831 on-line: 2457-8371, DOI: <http://doi.org/10.21698/simi.2017.0028>, WOS:000430609800028
 25. The educational responsibility in rapid implementation of European policy concerning the energy market, Radulescu B.A., Radulescu Victorita, International Conference Electromechanical and Power Systems (SIELMEN), 2017 International Conference on, Chisinau, 11-13 Oct. 2017 Republica Moldova, pg. 334-340, IEEE: ISBN: 978-1-5386-1846-2, DOI: 10.1109/SIELMEN.2017.8123345, WOS:000426906000064
 26. Environmental solution with renewable to restore the capacity of the hydro-power lakes, Radulescu B.A., Radulescu Victorita, International Conference Electromechanical and Power Systems (SIELMEN), 2017 International Conference on, Chisinau, 11-13 Oct. 2017 Republica Moldova, pg. 233-238, IEEE: ISBN: 978-1-5386-1846-2, DOI: 10.1109/SIELMEN.2017.8123324, WOS:000426906000046
 27. Mobile prototype with solar panels for rehabilitation of natural reservations lakes, Radulescu Victorita, International Conference Electromechanical and Power Systems (SIELMEN), 2017, Chisinau, 11-13 Oct. 2017 Republica Moldova, pg. 227-232, pg. 227-232, IEEE: ISBN: 978-1-5386-1846-2 DOI:10.1109/SIELMEN.2017.8123323, WOS:000426906000045
 28. Permanent energetic management a solution in rehabilitation of small hydropower plants, Radulescu Victorita, International Conference Electromechanical and Power Systems (SIELMEN), 2017, Chisinau, 11-13 Oct. 2017 Republica Moldova, pp. 547-553, IEEE: ISBN: 978-1-5386-1846-2, DOI: 10.1109/SIELMEN.2017.8123383, WOS:000426906000105

29. Autonomous Platform Collecting the Vegetation in Excess From Natural Reservations Lakes Used As a Future Biomass Resource, Radulescu Victorita, ASME 2017 International Mechanical Engineering Congress and Exposition, Tampa, Florida, November 3–9 Nov. 2017, USA, pp. 2-14 V014T07 A002-V014T07A002, ISBN: 978-0-7918-5842-4, doi:10.1115/IMECE2017-70236, WOS: 000430517800002
30. New Method in Estimation of the Turbulent Drag for the Two-Phase of Fluid Flow Through Pipelines, Radulescu Victorita, ASME 2017 International Mechanical Engineering Congress and Exposition, Tampa, Florida, November 3–9 Nov. 2017, USA, pp. 28-38, V007T09A028,10, ISSN: 978-0-7918-5842-4, DOI:10.1115/IMECE2017-70236, WOS:000428485600028

C2. Lucrari indexate BDI (cu precizare ISSN/ISBN publicatie) in ordine descrescatoare a datei publicarii

31. Analyzing the characteristics of the turbulent vortices at fast rolling on solid surfaces, Radulescu Victorita, 2020 American Society of Mechanical Engineers, Fluids Engineering Division (Publication) FEDSM, art. no. V002T03A048, DOI: 10.1115/FEDSM2020-20438
32. A solution for experimental modeling the axial fans with high efficiency and reduced noise, Radulescu Victorita, 2020 American Society of Mechanical Engineers, Fluids Engineering Division (Publication) FEDSM, art. no. V001T01A011, DOI: 10.1115/FEDSM2020-20442
33. Estimation of the risk zones affected by repeated floods by numerical modeling, Radulescu Victorita, 2020 American Society of Mechanical Engineers, Fluids Engineering Division (Publication) FEDSM, art. no. V001T01A004, DOI: 10.1115/FEDSM2020-20443
34. Experimental and numerical modeling of viscous fluid flow in bifurcated long pipes for oil transport, Radulescu Victorita, (2020) American Society of Mechanical Engineers, Fluids Engineering Division (Publication) FEDSM, art. no. V001T01A024, DOI: 10.1115/FEDSM2020-20447
35. Temperature distribution in a turbulent flow in the heat pollution phenomena, Radulescu Victorita, (2020) ASME 2020 Heat Transfer Summer Conference, HT 2020, collocated with the ASME 2020 Fluids Engineering Division Summer Meeting and the ASME 2020 18th International Conference on Nanochannels, Microchannels, and Minichannels, art. no. v001t16a007, DOI: 10.1115/HT2020-8969
36. Application of the neural networks in prediction of the thermal flow on the Jiu river, Radulescu Victorita, 2020 ASME 2020 Heat Transfer Summer Conference, HT 2020, collocated with the ASME 2020 Fluids Engineering Division Summer Meeting and the ASME 2020 18th International Conference on Nanochannels, Microchannels, and Minichannels, art. no. v001t04a005, DOI: 10.1115/HT2020-9043
37. Costs of environmental degradation into the port areas near the Black Sea, Radulescu Victorita, 2020 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2020-August (3.1), pp. 831-838, DOI: 10.5593/sgem2020/3.1/s15.107
38. Method for controlling the groundwater polluted by the surface waters through injection wells, Radulescu Victorita, 2020 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2020-August (1.1), pp. 633-640, DOI: 10.5593/sgem2020/1.1/s02.077

39. Environmental friendly solution to combat massive developed vegetation in natural or hydropower lakes, Radulescu B.A., Radulescu Victorita, 2020 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2020-August (5.1), pp. 299-305, DOI: 10.5593/sgem2020/5.1/s20.038
40. Influence of the solar radiation over the seedlings in the Romanian Forests, Radulescu B.A., Radulescu Victorita, 2020 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2020-August (3.1), pp. 693-699, DOI: 10.5593/sgem2020/3.1/s14.089
41. New technological model using PV to collect and partially dry the active sludge from natural hydropower lakes, Victorita Radulescu, Vol.8, No. 3, JSE, ISSN 2067-5534, JSE ISSN: 2067-5534
42. Energy market and the permanent management, a possible solution for small hydro-power plant, Radulescu Victorita, Dumitru Sergiu, Journal of sustainable energy vol. 9, no. 1, 2018, pag. 52-57, ISSN 2067-5534
43. Modelarea unei pale de turbina eoliana bazata pe conceptul fortei portante maxime pentru viteze variabile ale vantului, Radulescu Victorita, Știința și Inginerie, Vol.32-14, 2017, ISSN: 2067-7138, e-ISSN 2359 – 828X
44. Utilization of Renewable Resources in Rehabilitation of Existent Micro-hydropower plants, Radulescu Victorita, Federated Conference on Computer Science and Information Systems-FEDCSIS, 10-th Int. Symposium on Multimedia Applications and Processing, Prague, Czech Republic, pg. 133-140, IEEE: 978-83-922646-2-0 (Web), 978-83-922646-3-7 (USB) DOI:<http://dx.doi.org/10.15439/978-83-922646-2-0>
45. New ecological solution to combat the vegetation in excess in natural and hydropower lakes, Radulescu Victorita, International Symposium “The Environment and the Industry”, SIMI 2018, Proceedings book, Bucharest, 20-21 Sept. 2018, Publisher NRDI ECOIND, Section Pollution Assessment & Management Systems, pgs. 258-266, doi:<http://doi.org/10.21698/simi.2018.fp31>
46. Optimal policy of irrigation and drainage wells systems in affected agricultural lands, Radulescu Victorita, International Symposium “The Environment and the Industry”, SIMI 2018, Proceedings book, Bucharest, 20-21 Sept. 2018, Publisher NRDI ECOIND, Section Pollution Assessment & Management Systems, pgs. 267-275, doi:<http://doi.org/10.21698/simi.2018.fp32>
47. Biology and Biodiversity Aspects from Black Sea, New Challenges for International Cooperation, Radulescu Victorita, IOSR Journal of Environmental Science, Toxicology and Food Technology, vol.12, Issue 4, doi: 10.9790/2402-1204010106
48. Policy and Improper Management of the Dams realized by Local Materials with Possible Risk in Exploitation, Radulescu Victorita, Rethinking Social Action Core Values in Practice, Nov. 2017, pg. 655-664, print: 2601– 2510, on-line: 2601– 2529, <https://doi.org/10.18662/lumproc.rsacvp2017.60>
49. Educational Responsibility in Efficient Implementation of European Policy Concerning the Energy Market, Radulescu Victorita, Rethinking Social Action Core Values in Practice, Nov. 2017, pg. 644-654, print: 2601 – 2510, on-line: 2601 – 2529, <https://doi.org/10.18662/lumproc.rsacvp2017.59>
50. Optimization of the Aerodynamics Airfoils Placed in Supersonic Viscous Flow, Radulescu Victorita, Annals of the University of Craiova, Electrical Engineering, Series, No. 41, 2017, pg. 149-155, ISSN 1842-4805, CNCSIS B+ category journal

51. Solitons and Chaos in a ring Cavity by Numerical Simulation, Paul E. Sterian, Victorita Radulescu, M.C. Piscureanu, M.A. Popovici, Proceedings of SPIE - The International Society for Optical Engineering, volume 4397, pag. 181-185, 2001:doi:10.1117/12.425129, ISSN 1612-2011
52. Aripa de anvergura finită în fluid real, Seteanu Ion, Radulescu Victorita, Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Mathematics and Physics, 2006, ISSN 1224-6069, Volume 1, Issue 2, Pag. 63-68
53. Convective-Diffusive Transport of Pollutants at River Branching (k- ϵ Model), Ion Seteanu, Victorita Radulescu, Sorin Seteanu, Proceedings Numerical Simulation for Fluid Mechanics and Magnetic Liquids, University of Timisoara, pag.101-112, Editura Orizonturi Universitare, 2006 Timisoara, ISBN 973-8109-70-1
54. Estimarea randamentului turbinelor hidraulice prin analiza curgerii fluidului real prin rotoarele axiale, Radulescu Victorita, Revue Roumaine Sciences Techniques: Série de Mecanique Appliquee, Publisher: Romanian House of Romanian Academy, No 1-2, Tome 55, pag.61-68, Jan-April, 2006, ISBN: 0035-4074
55. A "wall" Turbulent Flow Model for Turbo Machinery Impellers, Ion Seteanu, Victorita Radulescu, Scientific Bulletin, University Polytechnic of Bucharest, Series D: Mechanical Engineering, Vol. 58-59, No.1-4, pag.103-108, 2006, ISSN 1220-3041
56. The drag Force Estimation for Hydro-Impellers by Boundary Layer Methods, Victorita Radulescu, Ion Seteanu, Scientific Bulletin, University Polytechnic of Bucharest, Series D: Mechanical Engineering, vol. 58-59, No.1-4, pag.115-120, 2006, ISSN 1220-3041
57. Infiltratia, difuzia si transferul biologic al compusilor poluanti ai azotului în soluri nesaturate, Ion Seteanu, Victorita Radulescu, Revue Roumaine des Sciences Techniques: Série Série de Mecanique Appliquee, Publisher: Romanian House of the Romanian Academy, Tome 56, Issue 5-6, pag.285-295, sept-dec 2007, ISBN: 0035-4074
58. A hydrodynamic Study model of Plane Cascade of Blades of Variable Thickness, Victorita Radulescu, Ion Seteanu, Scientific Bulletin, University Polytechnic of Bucharest, Series D: Mechanical Engineering, vol. 60, No.1-2 pag.133-136, 2008, ISSN 1220-3041
59. Optimal Decisions for Irrigation-Drainage Systems, autori: Ion Seteanu, Victorita Radulescu, Revue Roumaine des Sciences Techniques: Série de Mecanique Appliquee, Romanian House of the Romanian Academy, Tome 38, Issue 4, pag.375-382, Jouillet-Aout 2005, ISBN: 0035-4074
60. Calibrarea parametrilor hidraulici prin programare liniara, Ion Seteanu, Victorita Radulescu, Revue Roumaine des Sciences Techniques: Série de Mecanique Appliquee, Publisher: Romanian House of the Romanian Academy, Tome 51, Issue 1, pag. 89-97, Jan-Febr. 2004, ISBN: 0035-4074

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate BDI)

- Reviste (neindexate BDI)

1. Quantitative and qualitative behaviour of multiple porosity aquifers, autori: Ion Seteanu, Victorita Radulescu Mihaela Focseneanu, International Conference CIEM, Session 3, paper 3.41, 3-249, University Polytechnic of Bucharest, pag. 249-252, 22-25 Oct. 2004, Editura Academiei, ISBN 973-27-1032-2

2. A finite element model for environmental transport prediction, autori: Victorita Radulescu, International Conference CIEM, Session 4, paper 4.2, 4-23, University Polytechnic of Bucharest, pag. 23-28, 22-25 Oct. 2004, Editura Academiei, ISBN 973-27-1032-2
3. Metoda de estimare a stabilitatii digurilor si estimarea riscului de erodare datorata infiltratiilor, prin metoda elementului finit, autor: Victorita Radulescu, International Conference CIEM, Session 4, paper 4.49, University Polytechnic of Bucharest, pag. 235-240, 22-25 Oct. 2004, Editura Academiei, ISBN 973-27-1032-2

Selecție cu maximum 20 lucrări în volume de conferințe (neindexate BDI)

4. A complex management of hydraulic rivers basins by hybrid control of large operating conditions, Victorita Radulescu, 15th Energy Engineering Conf. Felix, Oradea, 5-6 June 2009
5. New pilot station using renewable resources: small hydropower, wind turbine and photovoltaic systems, Victorita Radulescu, 15th Energy Engineering, Oradea, 5-6 June 2009
6. Masters, a real step from engineering education to european business, Victorita Radulescu, Catalin Popescu, Alexandra Radulescu, 5th Balkan Region Conference on Engineering Education In conjunction with 2nd International Conference on Engineering and Business Education, Lucian Blaga University, Sibiu, 15-17 oct. 2009
7. Environmental problem aspects near rivers vicinity in affected areas by repeated flood, Victorita Radulescu, Congres Int. HydroPower Dam Systems- Thessaloniki Greece 2008
8. Managementul integrat al amenajarilor de mica si medie capacitate, Victorita Radulescu, Conferinta Internationala Energie, Oradea mai 2008
9. Steady flow over a finite hydrofoil, Conference Excellence Research- A way to Innovation, Victorita Radulescu, Z. Zetenyi, A. Radulescu, vol III, pag. 319.1-319.6, 27-29 iulie 2008, Brasov, Editura Tehnica
10. One-layer model for time development of bed armour, I. Seteanu, Victorita Radulescu, C. Popescu, a IV Conferinta a Hidroenergeticienilor Dorin Pavel, vol I, pag. 29-35, UPB, 26-27 mai 2006, Bucuresti, Editura Printech, ISBN 973-718-486-6
11. One-layer model for time development of bed armour, autori: Ion Seteanu, Victorita Radulescu, Catalin Popescu, A-IV Conferinta a Hidroenergeticienilor Dorin Pavel, vol I, pag. 29-35, UPB, 26-27 mai 2006, Bucuresti, Editura Printech, ISBN 973-718-486-6
12. A Study Model of the Influence of Variable Layer Thickness on Plane Cascade of blades, Victorita Radulescu, Ion Seteanu, Al V-lea Simpozion International, Tehnologii, Instalatii si Echipamente pentru Imbunatatirea Calitatii mediului, pag. 9-13, 13-15 nov. 2004, Bucuresti, Revista Ecologie Industrială, nr. 10-11/1996, ISSN 1224-3183
13. Influenta grosimii profilului din zona bordului de fuga asupra curgerii fluidelor, Victorita Radulescu, a III Conferinta a Hidroenergeticienilor Dorin Pavel, vol II, Sectiunea III, III.7, pag. 395-400, UPB, 28-29 mai 2004, Bucuresti, Editura Printech, ISBN 973-718-009-7 si ISBN 973-718-011-9
14. Metoda elementului finit aplicata in cazul curgerilor in regim turbulent (Nr. Reynolds mari), Victorita Radulescu, a III Conferinta a Hidroenergeticienilor Dorin Pavel, vol I, Sectiunea 1, 1.17,

pag. 141-146, UPB, 28-29 mai 2004, Bucuresti, Editura Printech, ISBN 973-718-009-7 si ISBN 973-718-010-0

15. Metoda elementului finit aplicata in cazul modelului turbulenta a lui Smagorinski, Victorita Radulescu, a III Conferinta a Hidroenergeticienilor Dorin Pavel, vol I, Sectiunea 1, 1.16, pag. 135-140, UPB, 2004, Bucuresti, Editura Printech, ISBN 973-718-009-7 si ISBN 973-718-010-0
16. Eficientizarea conducerii operative a centralelor hidroelectrice prin urmarirea on-line a parametrilor de functionare. Aplicatie la SH-Curtea de Arges, autori: Adrian Turbatu, Victorita Radulescu, Traian Abrudan, Revista Energetica, An.49, nr.8-9, pag. 432-436, aug.-sept. 2004, ISSN 1220-5133
17. A numerical Navier-Stokes Solution for near-wall incompressible turbulent fluid flow, V. Rădulescu, A VI Conf. Int. de Mașini hidraulice și Hidrodinamică, Timișoara, 21-22 oct 2004

E. Brevete obținute în întreaga activitate

-

Data:
Septembrie 2025

Semnătura: 