

Curriculum vitae Europass

Informații personale



Nume / Prenume

Urdea Petru

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Naționalitate(-tăți)

Română

Data nașterii

[REDACTED]

Sex

Masculin

Locul de muncă vizat / Domeniul ocupațional

CS I

Geografie

Experiența profesională

2019 – prezent, pensionar, cadru didactic asociat, Departamentul de Geografie, Facultatea, de Chimie-Biologie- Geografie, Universitatea de Vest din Timișoara;
2000- 2019: profesor, Departamentul de Geografie, Facultatea, de Chimie- Biologie- Geografie, Universitatea de Vest din Timișoara;
- 1995- 2000 : conferențiar;
- 1991-1994: lector
- 1990-1991 – **inspector de specialitate**, Inspectoratul Școlar Timiș;
- 1978-1990 profesor de geografie la Liceul industrial nr. 2 , Liceul silvic și Liceul de informatică din Timișoara;

Educație și formare

- 1974-1978 – student și absolvent, Facultatea de Biologie-Geografie-Geologie, Secția Geografie;
- 1981-1990 doctorant al Universității „Al. I. Cuza Iași”;
- 1990 doctor al Universității „Al. I. Cuza Iași”.

Disciplinele principale
studiate / competențe
profesionale dobândite

Competențe în domeniul științelor geonomice, carierei didactice , metodicii geografiei; Absolvirea examenului de definitivat în învățământ în 1981.

Aptitudini și competențe personale

Limba(i) maternă(e)

Română

Limba(i) străină(e)
cunoscută(e)

Engleză, Franceză

Competențe și abilități sociale	Aptitudini de cooperare, interrelaționare, comunicare eficientă, empatie – perfectionate datorită colectivului în care îmi desfășor activitatea, datorită specificului meseriei de cadru didactic, datorită funcțiilor de conducere pe care le-am ocupat, a experienței de membru în asociații și organisme profesionale naționale și internaționale, dar și a responsabilităților pe plan editorial (redactor șef, referent etc.).
Competențe și aptitudini organizatorice	Exigență și autoperfectionare continuă – ca principii de viață; organizarea și conducerea colectivelor profesionale, a colectivelor de studenți, conducerea și moderarea activităților de curs, lucrări practice, seminar, aplicații de teren. Mobilizarea individului și a colectivelor în situații extreme datorită vastei experiențe de teren în regiuni montane și polare, inclusiv în expediții științifice internaționale.
Competențe și aptitudini tehnice	Utilizarea calculatorului, a diferitelor programe P. C. (Windows Xp, Windows Vista)
Competențe și aptitudini de utilizare a calculatorului	Office, Internet, Programe dedicate domeniului geografic etc.
Competențe și aptitudini artistice	-
Alte competențe și aptitudini	-
Permis(e) de conducere	-categoria B

Coordonare a 15 teze de doctorat finalizate cu calificativele excelent și foarte bine.

GRANTURI

Grant CNCSIS 63/4 (1999-2001) - Studiul proceselor morfodinamice actuale din zona alpină a Carpaților Meridionali, din perspectiva gestiunii durabile a zonelor montane - director.

Grant CNCSIS 256/8 (2002-2004) -Procese geomorfologice actuale din domeniul alpin al Carpaților Meridionali în perspectiva schimbărilor climatice globale"- director.

Grant CNCSIS 137/14 (2004) -Laborator de Sisteme Informaționale Geografice, cartografie digitală, organizarea și amenajarea teritoriului – director.

Grant CEEEX 738/2006 - Impactul schimbărilor climatice asupra dinamicii holocene și actuale a mediilor alpine din Carpați Românești. Implicații în gestiunea riscului și amenajarea peisajului (MEDALP) – director.

Grant HURO 0901/266/2.2.2 (2011-2012) - Research of past, present and FUTURE Lower MARros/Mures River in relation with Climatic change and sustainable human management.

Grant HURO 1101/126/2.2.1 (2012-2014) - Development of complex Geochronological and Geophysical laboratories for saving Archaeological heritage and solving Environmental problems (ENVIARCH).

PUBLICAȚII (Selectiv)

CĂRȚI

Urdea, P. (2000) - *Munții Retezat . Studiu Geomorfologic*, Edit. Academiei Române, București, 272 p., ISBN 973-27-0767-4

Urdea, P. (2004) – *Dicționar de nume geografice*, Edit. Universității de Vest, Timișoara, 336 p., ISBN 973-8433-61-4.

Urdea, P. (2005) - *Ghețarii și relieful*, Editura Universității de Vest, Timișoara, 380 p., ISBN 973-7608-05-4.

CONTRIBUȚII ÎN CĂRȚI EDITATE ÎN STRĂINĂTATE

R.O. van Everdingen (editor) (199) - Multi-language glossary of permafrost and related ground-ice terms, International Permafrost Association, The Arctic Institute of North America, Calgary, 311 p.

Urdea, P. (2012), *Periglacial processes*, in Lóczy, Dénes; Stankoviansky, Miloš; Kotarba, Adam (Eds.), Recent landform evolution in the Carpatho-Balkan-Dinaric region, Springer Verlag, Springer Verlag, 460 p., ISBN 10: 978-94-007-2448-8-10.

Urdea, P. (2004), The Pleistocene Glaciation of the Romanian Carpathians, in: Ehlers, J. & Gibbard, P.L. (eds): *Quaternary Glaciations: Extent and Chronology, Part I: Europe. Developments in Quaternary Science*, 2, Elsevier, 299-306, ISBN 0-444-51462-7

Urdea, P., Onaca, A., Ardelean, M., Ardelean, M (2011), Chapter 24 (p. 305-322) - *New Evidence on the Quaternary Glaciation in the Romanian Carpathians*, în Ehlers, J., Gibbard, P.L., Hughes, P.D (editors), *Quaternary Glaciations – Extent and Chronology*, Elsevier, 1126 p., ISBN 13: 978-0-444-53447-7, [doi:10.1016/B978-0-444-53447-7.00024-6](https://doi.org/10.1016/B978-0-444-53447-7.00024-6)

Urdea, P. (2012), *Periglacial processes*, in Lóczy, Dénes; Stankoviansky, Miloš; Kotarba, Adam (Eds.), Recent landform evolution in the Carpatho-Balkan-Dinaric region, Springer Verlag, Springer Verlag, 460 p., ISBN 10: 978-94-007-2448-8-10.

Onaca, A., **Urdea, P.**,Ardelean, A.C., Șerban, R.,Ardelean, F., (2017). 3.4. Present-day periglacial processes in the alpine zone. In: Landform dynamics and evolution in Romania, Eds. Rădoane, M., Vespremeanu-Stroe, A., Springer Verlag, 147-176

Popescu, R., Onaca, A., **Urdea, P.**,Vespremeanu-Stroe, A., (2017). 3.2. Spatial distribution and main characteristics of alpine permafrost from Southern Carpathians, In: Landform dynamics and evolution in Romania, Eds: Rădoane, M., Vespremeanu-Stroe, A., Springer Verlag, 117-146.

Popescu, R., **Urdea, P.**, Vespremeanu-Stroe, A. , (2017), Ch. 3.1. Deglaciation history of the Romanian Carpathians: A Review In: Landform dynamics and evolution in Romania, Eds: Rădoane, M., Vespremeanu-Stroe, A., Springer Verlag, 87-116.

Perșoiu, I., Rădoane. M., **Urdea, P.**, (2017), 6.2. River behaviour during Pleniglacial – Late Glacial, In: Landform dynamics and evolution in Romania, Eds: Rădoane, M., Vespremeanu-Stroe, A., Springer Verlag, 443-468.

Artugyan, L., Ardelean, A.C., **Urdea, P.**, 2020, Cap. 2. „GPR and ERT investigations of karst structures at the Buhui-Cuptoare cave system, Anina karst region (Banat Mountains, Romania)”, în Biswas, A., Sharma, S. P. (editors), Advances in modeling and interpretation in near surface geophysics, Springer Nature Switzerland AG, p. 19-38.

Artugyan, L., **Urdea, P.**, 2021, Preferential water flow pathways detection in sinkholes using self-potential (SP) method. the study case of Anina Karst Region (Banat Mountains, Romania), în Biswas, A. (editor), Self-Potential Method: Theoretical Modeling and Applications in Geosciences, Springer Geophysics, p. 249-278.

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A, 2021, Chapter 14 - Glacial landscapes of the Romanian Carpathians,, in Palacios, Hughes, García Ruiz, de Andrés (editors) - European glacial landscapes: maximum extent of glaciations” Elsevier, ISBN: 9780128234983, <https://doi.org/10.1016/B978-0-12-823498-3.00031-5>.

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A, 2021, Chapter 38. - The Romanian Carpathians: glacial landforms prior to the Last Glacial Maximum, in Palacios, Hughes, García Ruiz, de Andrés (editors) - „European glacial landscapes: maximum extent of glaciations” Elsevier, ISBN: 9780128234983, <https://doi.org/10.1016/B978-0-12-823498-3.00024-8>.

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A., 2021, Chapter 57 - The Romanian Carpathians: glacial landforms from the Last Glacial Maximum (29–19 ka), in Palacios, Hughes, García Ruiz, de Andrés (editors) - „European glacial landscapes: maximum extent of glaciations” Elsevier, ISBN: 9780128234983, <https://doi.org/10.1016/B978-0-12-823498-3.00013-3>

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A., (2022 in print), cap. 19. „The Romanian Carpathians: glacial landforms during deglaciation (18.9-14.6 ka)”, în Palacios, D., Hughes, P., García-Ruiz, J.M., Andrés, N. (editors) - European Glacial Landscapes: The landscape modelled by the glaciers during the last glacial cycle and subsequent deglaciation, Vol. II. European glacial landscapes: last deglaciation,

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A., (2022 in print), cap. 36. The Romanian Carpathians: glacial landforms during Bølling –Allerød Interstadial (14.6-12.9 ka), în Palacios, D., Hughes, P., García-Ruiz, J.M., Andrés, N. (editors) - European Glacial Landscapes: The landscape modelled by the glaciers during the last glacial cycle and subsequent deglaciation, Vol. II. European glacial landscapes: last deglaciation,

Urdea, P., Ardelean, F., Ardelean, M., Onaca, A., (2022 in print), cap. 54. The Romanian Carpathians: glacial landforms from the Younger Dryas, în Palacios, D., Hughes, P., García-Ruiz, J.M., Andrés, N. (editors) - European Glacial Landscapes: The landscape modelled by the glaciers during the last glacial cycle and subsequent deglaciation, Vol. II. European glacial landscapes: last deglaciation,

ARTICOLE PUBLICATE IN REVISTE INTERNATIONALE COTATE ISI

Urdea, P. (1992), Rock glaciers and periglacial phenomena in the Southern Carpathians, *Permafrost and Periglacial Processes*, 3, 267-273.

Urdea, P. (1995), Quelques considerations concernant des formations de pente dans les Carpates Meridionales, *Permafrost and Periglacial Processes*, 6, 195-206.

Reuther, **Urdea, P.**, Geiger, C., Ivy-Ochs, S., Niller, H.P., Kubik, p., Heine, K. (2007), Late Pleistocene glacial chronology of the Pietrele Valley, Retezat Mountains, Southern Carpathians, Constrained by ¹⁰Be exposure ages and pedological investigations, *Quaternary International*, 164-165, 151-159.

Vespremeanu-Stroe, A., **Urdea, P.**, Popescu, R., Vasile, M. (2012), Rock Glacier Activity in the Retezat Mountains, Southern Carpathians, Romania, *Permafrost and Periglacial Processes*, 23, 2, 127–137, doi: 10.1002/ppp.1736.

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Onaca, A., **Urdea, P.**, Ardelean, A.C. (2013), Internal structure and permafrost characteristics of the glaciers of Southern Carpathians (Romania) assessed by geoelectrical soundings and thermal monitoring, *Geografiska Annaler, Series A: Physical Geography*, 95, 3 , 249-266.

Chiroiu, P., Stoffel, M., Onaca A., **Urdea, P.**, (2015), Testing dendrogeomorphic approaches and thresholds to reconstruct snow avalanche activity in the Făgăraș Mountains (Romanian Carpathians), *Quaternary Geochronology*, 27, 1–10

Onaca, A., Ardelean, A. C., **Urdea, P.**, Ardelean, F., Sîrbu, F. (2015), Detection of mountain permafrost by combining conventional geophysical methods and thermal monitoring in the Retezat Mountains, Romania, *Cold Regions Science and Technology*, 119, 111-123

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- Necsoiu, M., Onaca, A., Wigginton, S., **Urdea, P.** (2016), Rock glacier dynamics in Southern Carpathian Mountains from high-resolution optical and multi-temporal SAR satellite imagery, *Remote Sensing of Environment*, **177**, 21–36,
- Ruszkiczay-Rüdiger, Z., Kern, Z., **Urdea, P.**, Braucher, R., Madarász, B., Schimmelpfennig, I. (2016) - Revised deglaciation history of the Pietrele–Stânișoara glacial complex, Retezat Mts, Southern Carpathians, Romania, *Quaternary International*, **415**, 216-229
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- Dornik, A., Drăguț, L., **Urdea, P.**, 2016, Knowledge-based soil type classification using terrain segmentation, *Soil Research* (in press).
- Artugyan, L., **Urdea, P.** (2016), Using Digital Elevation Model (DEM) in karst terrain analysis. Study case: Anina Mining Area (Banat Mountains, Romania), *Carpathian Journal of Earth and Environmental Sciences*, **11**, 1, 55-64
- Popescu, M., Şerban, R.D., **Urdea, P.**, Onaca, A., 2016, Conventional geophysical surveys for landslide investigations: two case studies from Romania, *Carpathian Journal of Earth and Environmental Sciences*, **11**, 1, 281 – 292.
- Onaca, A., Ardelean, A.C., **Urdea, P.**, Ardelean, F., Sărăşan, A., 2016, Genetic typologies of talus deposits derived from GPR measurements in the alpine environment of Făgăraş Mountains, *Carpathian Journal of Earth and Environmental Sciences*, **11**, 2, 609 - 616.
- Timofte, F., Onaca, A., **Urdea, P.**, Pravetz, T., 2016, The evolution of Mureş channel in the lowland section between Lipova and Nădlac (in the last 150 years), assessed by GIS analysis. *Carpathian Journal of Earth and Environmental Sciences*, **11**, 2, 319 – 330.
- Mezősi, G., Blanka, V., Ladányi, Z., Bata, T., **Urdea, P.**, Frank, A., Meyer, B.C. 2016, Expected mid-and long-term changes in drought hazard for the south-eastern Carpathian Basin, *Carpathian Journal of Earth and Environmental Sciences*, **11**, 2, 355-366.
- Ardelean, A.C., Onaca A., **Urdea, P.**, Sărăşan, A., 2017, Quantifying postglacial sediment storage and denudation rates in a small alpine catchment of the Făgăraş Mountains (Romania), *The Science of the otal environment*, **599-600**, 1756–1767.
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- Hegyi, A., **Urdea, P.**, Floca, C., Ardelean, A., Onaca, A., 2018, Mapping the subsurface structures of a lost medieval village in South-Western Romania by combining conventional geophysical methods, *Archaeological Prospection*, **1–12**, 25. Chetan, M.A., Dornik, A., **Urdea, P.**, 2018, Analysis of recent changes in natural habitat types in the Apuseni Mountains (Romania), using multi-temporal Landsat satellite imagery (1986–2015), *Applied Geography*, **97**, doi: 10.1016/j.apgeog.2018.06.007
- Şerban, R., Onaca, A., Popescu, M., **Urdea, P.** 2019, Block stream characteristics in Southern Carpathians (Romania), *Catena*, **178**,

- Gumnior, M., Herbig, C., Krause, R., **Urdea, P.**, Ardelean, A.C., Bălărie, A., Stobbe, A., 2020, Palaeoecological evidence from buried topsoils and colluvial layers at the Bronze Age fortification Cornești-larcuri, SW Romania: results from palynological, sedimentological, chronostratigraphical and plant macrofossil analyses, *Vegetation History and Archaeobotany*, 29:173–188.
- Magori, B., **Urdea, P.**, Onaca, A., Ardelean, F., 2020, Distribution and characteristics of rock glaciers in the Balkan Peninsula, *Geografiska Annaler, Series A, Physical Geography*, DOI: 10.1080/04353676.2020.1809905
- Hegyi, A., Diaconescu, D., **Urdea, P.**, Sarris, A., Pisz, M., Onaca, A., 2021, Using geophysics to characterize a prehistoric burial mound in Romania, *Remote Sensing*, 13, 842. <https://doi.org/10.3390/rs13050842>
- Ruszkiczay-Rüdiger, Z., Kern, Z., **Urdea, P.**, Madarász, B., Braucher, R., Bourlès, D.L., Aumaître, G., Keddadouche, K., 2021, Limited glacial erosion during the last glaciation in mid-latitude cirques (Retezat Mts, Southern Carpathians, Romania), *Geomorphology*, 384(1):107719, doi: 10.1016/j.geomorph.2021.107719,
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ARTICOLE PUBLICATE IN VOLUME ALE CONGRESelor ȘI CONFERINȚELOR INTERNATIONALE DE TOP

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- Urdea, P. (1998), Rock glaciers and permafrost reconstruction in the Southern Carpathians Mountains, Romania, *Permafrost – Seventh International Conference(June 23-27, 1998)*, Proceedings, Yellowknife, Canada, Collection Nordicana, Univ. Laval, 57, 1063-1069.
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- Urdea, P.**, Ardelean, F., Onaca, Alexandru, Ardelean, M., Törek-Oance, M., 2008, Application of DC resistivity tomography in the alpine area of Southern Carpathians.(Romania), Kane, D.L., Hinkel, K. (editors), *Ninth Intern. Conf. on Permafrost*, Institute of Northern Engineering, University of Alaska, Fairbanks, p. 323-333.
- Onaca, A., **Urdea, P.**, Törek-Oance, M., Ardelean, F., 2011, Electrical resistivity measurements in sensitive periglacial environment from Southern Carpathians (Romania)', Proceedings of the 22nd International DAAAM Symposium, 21, 1, 885-886.
- Ruszkiczay-Rüdiger, Z., Kern, Z., **Urdea, P.**, Braucher, R., Madarász, B., Shimmelpfennig, I., 2015, Late Pleistocene glacial chronology of the Retezat Mts, Southern Carpathians, using ^{10}Be exposure, European Geophysical Union Conference 2015-5593, Geophysical Research Abstracts.
- Madarász, B., Ruszkiczay-Rüdiger, Z., Kern, Z., **Urdea, P.**, 2016, Reconstructed glacier geometry and inferred Equilibrium Line Altitude changes during the Late Pleistocene deglaciation in the Retezat Mountains, Southern Carpathians, EGU General Assembly Conference Abstracts 18, 9975.
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- Georgievski, G., Hagemann, S., Sein, D., Nicolsky, D., Romanovsky, V., Onaca, A., Chețan, M., **Urdea, P.**, Drozdov, D., Gravis, A., Study Of the Development of Extreme Events over Permafrost areas – SODEEP, EGU General Conference, Viena, 07-12.04.2019, Geophysical Research Abstracts Vol. 21, EGU2019-15867-2, 2019.
- Madarász, B., Ruszkiczay-Rüdiger, Z., Kern, Z., Temovski, M., **Urdea, P.**, Braucher, R., Aster Team, Paleo-glaciers and equilibrium-line altitude across Southeastern Europe -new data from the Southern Carpathians and from the Central Balkan Peninsula,

EGU General Conference, Viena, 07-12.04.2019, Geophysical Research Abstracts Vol. 21, EGU2019-13342, 2019.

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Urdea, P. Hegyi, A., Diaconescu, D., Bunoiu, V., The relevance of the geoarchaeological approach to the knowledge of the archaeological sites of the tumuli type: illustrations from the South-West of Romania, Carpatho-Balkan-Dinaric Geomorphological Commission (CBDGC) Conference, Szeged, Hungary, 24-28.06. 2019, book of abstract p. 14.

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22.04.2022

