

## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Prof. Dr. Ing. Vlad A. Codrea**  
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Nationality Romanian

Date of birth 19. 11. 1956

**Desired employment / Occupational field** Professor Ph.D. ®, Research director, Geologist engineer

**Work experience** See list below.

Occupation or position held Professor PhD, Research professor

Main activities and responsibilities Teaching, coordination of teaching, research and development activities in the STAR Institute of the Babes-Bolyai Cluj-Napoca, University of Oradea, Tg, Mureş and Oradea museums and Institute of Speleology "E. Racoviță" Bucureşti.

Name and address of employer Babes-Bolyai University of Cluj-Napoca, STAR Institute.

Type of business or sector Research & Teaching

**Education and training**

Dates 1976-1981 – student  
1990-1994 – Ph.D. candidate

Title of qualification awarded B.S. (1981), Ph.D. in Geology (1994)

Principal subjects/occupational skills covered Geology; Paleontology; Paleoecology; Quaternary geology; Geothermal energy; Petroleum and gas geology; Regional geology, Geology of Roamnia.

Name and type of organisation providing education and training Babeş-Bolyai University of Cluj-Napoca, STAR Institute  
Member of the National Council for Accreditation of University Degrees, Diplomas and Certificates, Earth Sciences Commission (CNATDCU: 2012-2019), Member of the National Council of same (2019 – present)

**Personal skills and competences**

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment  
*European level (\*)*

**English**  
**French**

| Understanding |           | Speaking           |                   | Writing   |
|---------------|-----------|--------------------|-------------------|-----------|
| Listening     | Reading   | Spoken interaction | Spoken production |           |
| Excellent     | Excellent | Excellent          | Very good         | Very good |
| Excellent     | Excellent | Excellent          | Excellent         | Excellent |
|               |           |                    |                   |           |

(\*) *Common European Framework of Reference for Languages*

Organisational  
skills and  
competences

**Project management & development:**  
**INTERNATIONAL PROJECTS**

**Leader (Director)**

NATIONAL GEOGRAPHIC SOCIETY GRANT 7085-01: *Paleocene-Eocene continental vertebrates from Transylvania* (2001-2002)

NATIONAL GEOGRAPHIC SOCIETY GRANT 8535-08: *“Transition in vertebrate communities at the Eocene/Oligocene boundary in Transylvania: impact of a main climatic event on mammal diversity and evolution”* (2009-2010).

PALEONTOLOGICAL SOCIETY USA SEPKOSKI GRANT 2022 (2022)

**Member**

OISE NATIONAL SCIENCE FOUNDATION GRANT 1023978: *Faunal assemblage and paleoenvironment of the Late Cretaceous Hateg Basin*. NSF directorate Director: Jennifer Pearl Slimowitz.

NATIONAL GEOGRAPHIC SOCIETY GRANT 964115: *Multidisciplinary research of Muierilor Cave fossil deposit aiming at reconstruction of abrupt climate changes in the Upper Pleistocene of SW Romania* (leader S. Constantin, 2015-2016).

GRANT FROM THE NATIONAL SCIENCE CENTER, POLAND

2021/43/B/ST10/00362: *Unraveling the chronological, geographical, and taphonomic complexities of the occurrence of the woolly rhinoceros in the Pleistocene contexts of Poland (WOOLRHINOPOLI) and Europe*. Grant Manager (PI): Kamilla Pawłowska.

**NATIONAL PROJECTS (leader/director):**

1992-1994: *Studiul paleontologic și stratigrafic al rinoceridelor din Terțiarul și Cuaternarul României*. (1992-1994; 98/ 1992 Min. Înv. Șt.)

1996-1998 : *Studiul geologic complex al Depresiunii Zarand* (010/1996)

1999-2001 : *Analiza modificărilor paleoambientale la limita Eocen-Oligocen în Transilvania și semnificațiile acestora în cadrul general euroasiatic* ( 32575/1999)

CNCSIS33965/08.07.2003: *Cercetarea complexă a evoluției formațiunilor continentale din cuverturile post-laramice ale Dacidelor interne, Transilvanidelor vestice și Dacidelor mediane din Transilvania* (2003-2005)

CNCSIS 12-225/2005: *Evoluția paleomediilor continentale în Dacianul din România: impactul exploatării formațiunilor daciene și gestionarea hazardelor naturale și antropice în perspective unei dezvoltări durabile* (2006-2008)

CNCS PN-II-ID-PCE-2011-3-0381: *Late Cretaceous terrestrial ecosystems and environments in „Hateg Island”: focus on vertebrate diversity and evolution in the European context* (2011-2016).

UEFISCDI PN-III-P4-PCE-2021-0351, din PNCDI III, *The dawn of Cenozoic climate changes: The Eocene-Oligocene terrestrial bio-events in Romania, part of the European geological Heritage* (2022-2024).

**Member**

In over 47 contracts and grants (see Annex)

International  
recognition

**INTERNATIONAL PROFESSIONAL ORGANISATIONS**

- ✓ Member of the Society of Vertebrate Paleontology (Illinois, USA)
- ✓ Member GeoD ([www.ageod.org](http://www.ageod.org))
- ✓ Member of the Division for History of Sciences, Romanian Academy
- ✓ Voting Judge at Youth Innovation Competition on Global Governance (2019), Jakarta, Indonesia.

**VISITING PROFESSOR**

Several visits in Paris, Bruxelles, Belgade, Budapest, Chişinău.

Computer skills  
and competences

Skills on Word, Corel, Adobe, Excel, Data base programs.

Authorized expert in Cultural Heritage (geology), certificate of Ministry of Culture and National Patrimony, no. 763/30.11.2010

## Additional information

### List of Publications:

350 papers issued in international and national reviews, 169 abstracts, 52 publications on science for large public, 6 books

#### H-index:

*Google Scholar*: 29; i10-index – 89; citations – 3117

<https://scholar.google.com/citations?hl=en&user=EP5zFmcAAAAJ>

*Research Gate*: 27, citations: 2992

<https://www.researchgate.net/profile/Codrea-Vlad>

*WOS*: 22, citations: 1341

<https://publons.com/researcher/1739403/vlad-codrea/>

### Participations in scientific meetings:

512 contributions presented in national and international congress, symposiums etc.

### Awards:

“Grigore Cobălcescu” Prize of the **Romanian Academy** (2002)

“Ion Simionescu” Prize of the **Romanian Society of Paleontologists** (2007)

**Babeş-Bolyai University Prize** for scientific research (2011, 2014, 2015, 2019)

Gold medal at Euro Invent Iasi, **European Exhibition of Creativity and Innovation** (2019)

### Research:

Founder the Laboratory of Paleotheriology and Quaternary Geology (2002), including a collection larger than 2000 samples (a lot of them of high scientific value). Contributor with numerous museum pieces to national museums (Babeş-Bolyai Museum of Paleontology-Stratigraphy, Țării Crișurilor Museum Oradea, Vasile Pârvan Museum Bârlad, Mureş County Museum, Baia Mare Mineralogy Museum, Piatra Neamt County Museum etc.)

### Doctoral activities

23 former PhD candidates, now doctors in geology; 3 Ph.D. candidates working for their thesis.

### Activities for public, promotion of Geology:

Promotion of geology and paleontology trough conferences, interviews and exhibitions (e.g. “Dig-a-Dino” at the Royal Institute of natural Sciences Brussels, Belgium – 2002-2003 -, “Dinosaurs of Romania” at Galati Natural Science Museum (2005), “Last Transylvanian Dinosaurs” – at Babes-Bolyai University Cluj-Napoca – April-September 2015-, Sighetu Marmatiei – October-November 2015-, Museum of Mineralogy Baia-Mare – November 2015-April 2016 – (over 7000 visitors until now), at Tarii Crisurilor Museum Oradea (November 8, 2017- February 20, 2018; Baia Mare – February 2020 – February 2021: Tg. Mures 2023 (over 6500 visitors).

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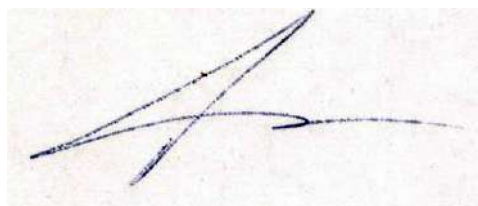
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**Annexes Employment and experience record:**

- 2022- present Adjoint Research Professor, STAR Institute, Babeş-Bolyai University (2023).
- 2002- 2022 Professor at the Department of Geology. Experience in teaching same disciplines, additional Terrestrial Cenozoic ecosystems, in preparation Geothermal geology.  
Head of the Paleontology- Stratigraphy Chair and of the Department of Geology – experience in management of teaching and research activity in the chair (2002-2004).  
Member of the High Commission of the Ministry of Education for Confirmation the University Titles (2010-2012; President of the Earth Sciences Commission: 2016-)
- 1998-2002 Reader at the Paleontology-Stratigraphy Chair. Experience in teaching same disciplines, as well as disciplines at master degree.  
Head of the Chair 2000-2002– experience in management of teaching and research activity in the chair.
- 1992-1998 Senior lecturer in same chair. Same experience, but also in Geology of Romania and Quaternary geology.
- 1990-1992 Assistant at Paleontology-Stratigraphy Chair (Department of Geology) in Babes-Bolyai University. Experience in teaching petroleum geology, paleontology, stratigraphy, marine geology.
- 1986-1990 Researcher at the Geological Studies Group, Faculty of Biology, geography and Geology, Geology, in Babes-Bolyai University. Experience in paleontology, stratigraphy, applied geology.
- 1985-1986 Geologist engineer at IPEG Banatul Caransebes, chief geologist of Timis (Lovrin) division. Experience in managing and supervision of drillings for geothermal water and petroleum.
- 1983-1985 Geologist engineer at same enterprise, chief geologist of Timis (Lovrin) division. Experience in managing and supervision of drillings for geothermal water and petroleum.
- 1981 – 1983 Geologist engineer at IFLGS Bucharest, Arad division. Experience in deep drillings for geothermal water and petroleum.
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Cluj-Napoca, December 28, 2023

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