



# Andrei-Marian Panait

**Nationality:** Romanian

## WORK EXPERIENCE

10/2020 – CURRENT Cluj-Napoca, Romania  
**DATA ARCHITECT & DATA ENGINEERING MANAGER** BRILLIO

09/2019 – 10/2020 Cluj-Napoca, Romania  
**DATA ENGINEER & ARCHITECT** COGNETIK

02/2018 – 09/2019 Cluj-Napoca, Romania  
**SENIOR BUSINESS INTELLIGENCE ANALYST** COGNETIK

11/2015 – 06/2018 Cluj-Napoca, Romania  
**RESEARCH ASSISTANT** BABES-BOLYAI UNIVERSITY

10/2017 – 02/2018 Cluj-Napoca, Romania  
**DATA ANALYST** COGNETIK

11/2016 – 11/2017 Cluj-Napoca, Romania  
**DATA ANALYST** ENDAVA

## EDUCATION AND TRAINING

10/2016 – CURRENT Cluj-Napoca, Romania  
**PHD STUDENT** Babes-Bolyai University

10/2014 – 07/2016 Cluj-Napoca, Romania  
**MASTER OF ENGINEERING GEOLOGY** Babes-Bolyai University

02/2015 – 08/2015 Manchester, United Kingdom  
**ERASMUS STUDENT** University of Salford

10/2010 – 07/2014 Cluj-Napoca, Romania  
**BACHELOR OF ENGINEERING GEOLOGY** Babes-Bolyai University

09/2006 – 08/2010 Maneciu, Romania  
**MATH-COMPUTER SCIENCE** Grup Scolar Maneciu

## LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C2	C1	C1	C1

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>FRENCH</b>	B1	B1	B1	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DIGITAL SKILLS

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Microsoft Office | Microsoft Word | Outlook | Microsoft Excel

## ● ADDITIONAL INFORMATION

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### PUBLICATIONS

#### [The transformation of the forest steppe in the lower Danube Plain of southeastern Europe: 6000 years of vegetation and land use dynamics](#)

– 2021

Feurdean, A., Grindean, R., Florescu, G., Tanțău, I., Niedermeyer, E.M., Diaconu, A.C., Hutchinson, S.M., Nielsen, A.B., Sava, T., **Panait, A.** and Braun, M.

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Biogeosciences, 18(3), pp.1081-1103

#### [Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe](#)

– 2020

Feurdean, A., Vanni ere, B., Finsinger, W., Warren, D., Connor, S.C., Forrest, M., Liakka, J., **Panait, A.**, Werner, C., Andri , M. and Bobek, P.

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Biogeosciences, 17(5), pp.1213-1230

#### [A multi-proxy analysis of hydroclimate trends in an ombrotrophic bog over the last millennium in the Eastern Carpathians of Romania](#)

– 2020

Diaconu, A. C., Tanțău, I., Knorr, K. H., Borken, W., Feurdean, A., **Panait, A.**, and Gafka, M.

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Palaeogeography, Palaeoclimatology, Palaeoecology

#### [Disentangling dust and sand deposition using a peat record in CE Europe \(northern Romania\): A multiproxy approach](#)

– 2019

**Panait, A.M.**, Hutchinson, S.M., Diaconu, A.C., Tanțău, I. and Feurdean, A.,

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Palaeogeography, Palaeoclimatology, Palaeoecology, 532.

#### [Fire frequency and intensity associated with functional traits of dominant forest type in the Balkans during the Holocene](#)

– 2019

Feurdean, A., Tonkov, S., Pfeiffer, M., **Panait, A.**, Warren, D., Vanni ere, B. and Marinova, E.,

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European Journal of Forest Research, 138, pp.1049-1066

#### [Hydrological conditions and carbon accumulation rates reconstructed from a mountain raised bog in the Carpathians: A multi-proxy approach](#)

– 2017

**Panait, A.**, Diaconu, A., Gafka, M., Grindean, R., Hutchinson, S.M., Hickler, T., Lamentowicz, M., Mulch, A., Tanțău, I., Werner, C. and Feurdean, A.,

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Catena, 152, pp.57-68.

[How warm? How wet? Hydroclimate reconstruction of the past 7500 years in northern Carpathians, Romania](#)

– 2017

Diaconu, A.C., Toth, M., Lamentowicz, M., Heiri, O., Kuske, E., Tanțău, I., **Panait, A.M.**, Braun, M. and Feurdean, A.,

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Palaeogeography, Palaeoclimatology, Palaeoecology, 482, pp.1-12

**Palaeoenvironmental research methods. In Landscape archaeology on the northern frontier of the Roman Empire at Porolissum**

– 2017

Fărcaș S., Tanțău I., Grindean R., **Panait A.M.**, Diaconu A.C

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Mega Publishing House. ISBN 978-606-543-787-6, pp.121-133

**Palaeoenvironmental reconstructions since 5000 BC. In Landscape archaeology on the northern frontier of the Roman Empire at Porolissum**

– 2017

Tanțău I., Grindean R., **Panait A.M.**, Diaconu A.C

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Mega Publishing House. ISBN 978-606-543-787-6, pp.153-165

[Late Holocene palaeohydrological changes in a Sphagnum peat bog from NW Romania based on testate amoebae](#)

– 2016

Diaconu, A.C., Grindean, R., **Panait, A.** and Tanțău, I.

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Studia UBB Geologia 60 (1): 21-28

[Middle to Late Holocene vegetation shifts in the NW Transylvanian lowlands \(Romania\)](#) – 2014

Grindean, R.; Tanțău, I.; Fărcaș, S.; and **Panait, A.**

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Studia UBB Geologia 59 (1): 29-37

[Late Holocene vegetation history in Harghita Mountains \(Romania\)](#) – 2013

**Panait, A.**, Tantau I.

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Scientific Annals of Stefan cel Mare University of Suceava. Geography Series, XXI, 93-99

## **CONFERENCES AND SEMINARS**

2019 – EGU General Assembly Conference, Vienna, 04.2019

**Tracking hydroclimate trends throughout the last millennium in Eastern Carpathians (Romania)**

Diaconu AC, Tanțău I., Knorr KH, Borken W., **Panait AM**, Feurdean A., Galka M.

2019 – EGU General Assembly Conference, Vienna, 04.2019.

**Quantitative reconstruction of hydroclimatic conditions between 12700 and 6200 cal yr BP in NW Romania: a multi-proxy approach** Ruskal, A., Diaconu, C.A., Grindean, R., **Panait, A.**, Tantau, I.

2019 – The 12th Romanian Symposium of Palaeontology, Cluj-Napoca (19-20.09 2019)

**Quantitative hydroclimate reconstruction between 12,7-6,2 ka BP from the Apuseni Mountains**

Ruskal, A., Diaconu, A., Grindean, R., **Panait, A.** & Tanțău, I.

2018 – EGU General Assembly 2018; 7-12 April 2018, Vienna, Austria.

**The effect of Holocene fire regime on the south-eastern European (Romania) grasslands dynamics**

Diaconu, A., Grindean, R., Tanțău, I., **Panait, A.**, Braun M., Feurdean, A.;

2018 – EGU General Assembly 2018; 7-12 April 2018, Vienna, Austria.

**Mid-Holocene aeolian fluxes based on a multiproxy approach on two ombrogenous peat profiles from northern Romania** **Panait, A.**, Feurdean, A., Diaconu, A.-C., Hutchinson S.-M, Tanțău, I.

2018 – The 11th Geosymposium of Young Researchers, Silesia 2018; 12-14 September 2018; Isterbna, Poland

**Dynamics of the Holocene fire regime on the south-eastern European grasslands (Romania)** Diaconu, A.-C., Feurdean, A., Grindean, R., **Panait, A.**, Ruskal, A., Tanțău, I.

2018 – The 11th Geosymposium of Young Researchers, Silesia 2018; 12-14 September 2018; Isterbna, Poland  
**Holocene reconstruction of palaeohydrological conditions in the Apuseni Mountains (NW Romania)**  
Ruskal, A., Diaconu, A.-C., **Panait, A.**, Grindean, R., Tanțău, I.

2017 – The 11th Romanian Symposium of Palaeontology; 25-30 September 2017; Bucharest, Romania.  
**Quantitative reconstruction of Holocene climate variability in the Eastern Carpathians, Romania**  
Diaconu, A.-C.; Tóth, M.; Lamentowicz, M.; Heiri, O.; **Panait, A.-M.**; Grindean, R.; Feurdean, A. & Tanțău, I.

2017 – Pages OSM 2017: 5th Open Science Meeting; 9-13 May 2017; Zaragoza, Spain  
**Hydroclimate history of the last 7500 years in the northern Carpathians, Romania** Diaconu, A.-C.; Tóth, M.; Lamentowicz, M.; Heiri, O.; **Panait, A.-M.**; Grindean, R.; Feurdean, A. & Tanțău, I.

2017 – Pages OSM 2017: 5th Open Science Meeting; 9-13 May 2017; Zaragoza, Spain  
**Holocene aeolian fluxes from northern Romania: a multiproxy approach to reconstruct the deposition of aeolian particles and their control factors** **Panait, A.**, Hutchinson S.-M, Tanțău, I., Diaconu, A.-C., Feurdean, A.

2017 – Sesiunea Științifică Anuală "Ion Pop Voitești"; 15.12.2017, Cluj-Napoca, Romania  
**Holocene fire regime disturbance on the south-eastern European (Romania) grasslands dynamics**  
Diaconu, A.-C., Grindean, R., Panait, A., Feurdean, A., Tanțău, I.

2017 – Sesiunea Științifică Anuală "Ion Pop Voitești"; 15.12.2017, Cluj-Napoca, Romania  
**Mid-Holocene sedimentology of aeolian particles from Rodna Mountains** **Panait, A.**, Hutchinson S.-M, Tanțău, I., Diaconu, A.-C., Feurdean, A.

2017 – Sesiunea Științifică Anuală "Ion Pop Voitești"; 15.12.2017, Cluj-Napoca, Romania  
**Uncovering drivers of change in an old-growth temperate forest from the Eastern Romanian Carpathians** Grindean, R., Tanțău, I., Diaconu, A.-C., Panait, A., Feurdean, A.

2016 – . Sesiunea Științifică Anuală "Ion Pop Voitești"; 9.12.2016, Cluj-Napoca, Romania.  
**Pollen productivity estimates for the reconstruction of past landcover in the lowlands of SE Romania.**  
Grindean, R., Tanțău, I., **Panait, A.**, Diaconu A.-C., Feurdean, A.. Sesiunea Științifică Anuală "**Ion Pop Voitești**".

2016 – EGU General Assembly Conference, Vienna, 04.2016  
**Mid to late Holocene aeolian activity revealed by a multiproxy peat record in continental CE Europe (Northern Romania)** **Panait, A.**, Feurdean, A., Hutchinson S.-M, Tanțău, I.

2014 – Zilele academice clujene, Cluj Napoca 2014.  
**PALEOMEDII CUATERNARE - DE LA ANALIZE PALINOLOGICE LA STUDII MULTIDISCIPLINARE** Tanțău Ioan, Feurdean Angelica, Fărcaș Sorina, Geantă Anca, Grindean Roxana, Diaconu Andrei, **Panait Andrei**, Cosma Andreea

2013 – Workshop "Tehnologia moderna in sprijinul arheologiei", Cluj-Napoca 2013.  
**Reconstituiri de paleomediu in regiunea Moigrad-Porolissum in timpul Subatlanticului** Grindean Roxana, Farcas Sorina, Diaconu Andrei, **Panait Andrei**, Ioan Tantau

2012 – Interdisciplinarity in geoscience in the Carpathian Basin, Suceava, 2012  
**LATE GLACIAL AND HOLOCENE VEGETATION HISTORY IN APUSENI MOUNTAINS** **Panait Andrei**, Tantau Ioan, Fărca Sorina

## PROJECTS

2017 – 2020  
**Member in PN-III-P4-IDPCE-2016-0711** Înțelegerea funcționării ecosistemelor este imposibilă fără a ține cont de interacțiunile dintre schimbările climatice și factorii antropici. Project direct: Ioan Tantau

2015 – 2017  
**Member in PN-II-RU-TE-2014-4-2445** Vegetation changes in a warmer world: using the past to manage the future. Project director: Angelica Feurdean