

**Iuliana Vasiliev – Curriculum Vitae**

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**Professional experience**

2020 – Present Research Scientist at Senckenberg Biodiversity and Climate Research Centre, Frankfurt am Main, Germany

2016 – 2020 Post-Doctoral Researcher, Senckenberg Biodiversity and Climate Research Centre, Frankfurt am Main, Germany

2015 – 2016 Researcher at Faculty of Geology and Geophysics, Bucharest University, Romania

2013 – 2015 Researcher affiliated to Utrecht University, Organic Geochemistry Laboratory and Paleomagnetic Laboratory, The Netherlands

2009 – 2013 Post-Doctoral Researcher (*VENI* personal Grant), Utrecht University, Organic Geochemistry Laboratory, The Netherlands

2009 – 2009 Post-Doctoral Researcher, Utrecht University, Paleomagnetic Laboratory, The Netherlands,

2006 – 2009 Post-Doctoral Researcher, Paleomagnetic Laboratory, Utrecht University, The Netherlands

**Education**

2006 Doctorate at Faculty of Earth Sciences, Utrecht University, The Netherlands

2002 MSc at Geology & Geophysics, Bucharest University, Romania

**Awarded Grants**

2020 DFG, Deutsche Forschungsgemeinschaft, IntoMESS PhD project 226.672 € (**PI**)

2019 LOWE funded VeWA, contributor, co-supervisor of a PhD project ~209.600 €

2018 DAAD – PPP Programme des projektbezogenen Personenaustauschs, QUANTMES, 19.500 € (**PI**)

2018 DFG – ICDP Priority Programme, Deutsche Forschungsgemeinschaft MEDMESS, 32.000 € (**PI**)

2015 *Young Research Teams* personal grant of 125.000 € (**PI**) by the Ministry of Education and Scientific Research of Romania

2012 BlackSink, Magellan+, ECORD funded Workshop on the Black Sea history of the past 15 Ma, grant of 15.000 € (**PI**)

2011 Contributor to MEDGATE, EU-funded Marie Curie initial training network

2010 PhD grant for C. van Baak, 'The demise of Paratethys during the late Miocene to Pleistocene' 200.000 € (**co-PI**)

2009 *Veni* personal Post-Doctoral grant of 250.000 € (**PI**) by the Netherlands Organization for Scientific Research

**Approved IODP proposals**

2020 Co-writer of Demise of a Salt Giant, in the process of scheduling for drilling

**Prize**

2018 Hans-Cloos-Preis, Deutsche Geologische Gesellschaft – Geologische Vereinigung

**Supervision of undergraduate and graduate students and postdoctoral fellows**

Since 2020 F. Lanterna (PhD student at SBik-F/Goethe University, Frankfurt)

Since 2020 C. Schmitt (PhD student at SBik-F/Goethe University, Frankfurt)

2018 – 2021 G. Butiseaca (PhD student at SBik-F/Goethe University, Frankfurt)

2019 – 2021 D. Böhn (MSc student at Goethe University, Frankfurt)

2019 – 2021 C. Schmitt (MSc student at Goethe University, Frankfurt)

2019 – 2020 D. Volkovskaja (MSc student at Goethe University, Frankfurt)

2019 – 2021 E. Besiou (PhD student at Kapodistrian University, Athens)

2015 – 2017 Dr. A. Floroiu (Postdoctoral fellow of Bucharest University)

2015 – 2017 G. Butiseaca (PhD of Bucharest University)

2010 – 2015 C.G.C. Van Baak (PhD of Utrecht University)

2009 – 2011 M. ter Borg (PhD of Free University of Amstertdam & Utrecht University)

2011 – 2012 E. M. Mezger (MSc of Utrecht University)

**Teaching**

- 2018 – 2022 'Paleoenvironmental reconstructions in continental settings', Goethe University, Geowissenschaften Master, co-teaching
- 2005 Teaching assistant, Earth System, Utrecht University College, The Netherlands
- 2004 Research assistant for student fieldtrip, Utrecht University, Aliaga, Spain

**Synergistic Activities**

- 2020 April Member of the scientific committee at organizing GeoUtrecht 2020
- 2018 Member of opposition, PhD defenses of K. Sant, D. Palcu Utrecht University
- 2019, 2021 April Co-convener for SSP01 at EGU, Vienna, Austria
- 2015 June Co-promotor of C.G.C. Van Baak, PhD of Utrecht University
- 2014 February BlackSink funded by ECORD (IODP), Utrecht, The Netherlands
- 2013 June 64PE371 PHOXY-Black Sea, scientific cruise
- 2012 September Member of the scientific committee at organizing RCMNS 2012, Bucharest
- 2010 December Member of opposition at the PhD defence of S. Hüsing
- 2006 – Present Reviewer for scientific journals (Paleoceanography, EPSL, Biogeosciences, Nature Communications, GJI, Geol. Soc. London, Paleo3, Basin Res.)

**Ten Most Significant Publications:** (Scopus H index = 22, 1426 citations, February 2022) <https://scholar.google.nl/citations?user=zJeqRH4AAAAJ&hl=en>  
 orcid.org/0000-0002-1024-6966;

- Vasiliev, I.**, van der Meer, M.T.J., Stoica, M., Krijgsman, W., Reichart, G.J., Lazarev, S., Butiseacă, G.A., Niedermeyer, E.M., Aliyeva, E., van Baak, C.G.C., Mulch, A. (2022). Biomarkers reveal two paramount Pliocene-Pleistocene connectivity events in the Caspian Sea Basin, *Palaeogeography Palaeoclimatology Palaeoecology*, 587, art. no. 110802.
- Vasiliev, I.**, Feurdean, A., Reichart, G.J., Mulch, A. (2020) Late Miocene intensification of continentality in the Black Sea region, *International Journal of Earth Sciences*, 109, 831-846.
- Vasiliev, I.**, Karakitsios, V., Bouloubassi, I., Agiadi K, Kontakiotis, G., Antonarakou, A., Triantaphyllou, M., Gogou, A., Kafousia, N, de Rafélis, M., Zarkogiannis, S., Kaczmar, F., Parinos C., Pasadakis, N. (2019) Large sea surface temperature, salinity, and productivity-preservation changes preceding the onset of the Messinian Salinity Crisis in the eastern Mediterranean Sea, *Paleoceanography and Paleoclimatology* 34 (2), 182-202.
- Vasiliev, I.**, Reichart, G.J., Krijgsman, W., Mulch, A. (2019) Black Sea rivers capture drastic change in catchment-wide mean annual temperature and soil pH during the Miocene-to-Pliocene transition, *Global and Planetary Change*, 172, 428-439.
- Vasiliev, I.**, Mezger, E.M., Lugli, S., Reichart, G.J, Manzi, V., Roveri, M. (2017) How dry was the Mediterranean during the Messinian Salinity Crisis? *Palaeogeography Palaeoclimatology Palaeoecology*, 471, 120-133.
- Vasiliev, I.**, Reichart, G.J., Grothe, A., Sinninghe-Damsté, J., Krijgsman, W., Sangiorgi, F., van Røij, L. (2015) Recurrent phases of drought in the Miocene of the Black Sea region, *Palaeogeography Palaeoclimatology Palaeoecology*, 423, 18-31.
- Vasiliev, I.**, Reichart, G.J., Krijgsman, W. (2013). Impact of the Messinian Salinity Crisis on Black Sea hydrology – Insights from hydrogen isotopes on molecular biomarkers, *Earth Planetary Science Letters*, 362,272-282.
- Vasiliev I.**, Iosifidi A.G., Khramov A.N., Krijgsman W., Kuiper, K.F., Langereis C.G., Popov V.V., Stoica M., Tomsha V.A., Yudin S.V. (2011). Magnetostratigraphy and radiometric dating of upper Miocene - lower Pliocene sedimentary successions of the Black Sea Basin (Taman Peninsula, Russia), *Palaeogeography Palaeoclimatology Palaeoecology*, 310, 163-175.
- Vasiliev, I.**, Franke, C. Meeldijk, Dekkers M. J., Langereis, C. G., Krijgsman, W. (2008). Putative greigite magnetofossils from the Pliocene epoch, *Nature Geoscience*, 1(11), 782-786.
- Vasiliev, I.**, Krijgsman, W., Langereis, C.G., Panaiotu, C.E., Mañenco, L., Bertotti, G. (2004). Towards an astrochronological framework for the eastern Paratethys Mio-Pliocene sedimentary sequences of the Focsani basin (Romania), *Earth Planetary Science Letters*, 227, 231-247.

**Invited presentations**

19 invited lectures and keynote talks at universities and at professional meetings (Salt Giant, ETN – EU, COST-SALTGIANT, IUGG, AGU, TOPO-EUROPE, EARTHTIME-EU).

**Career breaks**

- November 2007 – March 2008 break for maternity leave
- April 2011 – August 2011 break for maternity leave