

## **Iuliana Vasiliev – Curriculum Vitae**

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### **Professional experience**

2020 – Present Research Scientist at Senckenberg Biodiversität und Klima  
Forschungszentrum, Frankfurt am Main, Germany  
2016 – 2020 Post-Doctoral Researcher, Senckenberg Biodiversität und Klima  
Forschungszentrum, 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 of Deutsche Geologische Gesellschaft – Geologische  
Vereinigung

### **Supervision of undergraduate and graduate Students and postdoctoral fellows**

2019 – 2020 D. Böhn (MSc student at Goethe University, Frankfurt)  
2019 – 2020 C. Schmitt (MSc student at Goethe University, Frankfurt)  
2019 – 2020 D. Volkovskaja (MSc student at Goethe University, Frankfurt)  
2019 – 2020 Y. Altolaguire (PhD student at Goethe University, Frankfurt)  
2019 – 2020 E. Besiou (PhD student at Kapodistrian University, Athens)  
2018 – 2019 G. Butiseaca (PhD student at SBik-F/Goethe University, Frankfurt)  
2018 A. Nyerges, SBik-F, internship (PhD student at Eotvos University, Budapest)  
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 Amstemsam & Utrecht University)

2011 – 2012 E. M. Mezger (MSc of Utrecht University)  
2009 – 2010 C. G.C. Van Baak (MSc of Utrecht University)  
2005 – 2006 F. Boekhout (MSc of Utrecht University)

### 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 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 PI of 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 = 20, 1249 citations, January 2021)  
orcid.org/0000-0002-1024-6966; <https://scholar.google.nl/citations?user=zJegRH4AAAAJ&hl=en>

1. **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.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Vasiliev, I.**, Reichart, G.J., Davies, G., Krijgsman, W., Stoica, M. (2010). Strontium isotope ratios of the Eastern Paratethys during the Mio-Pliocene transition; Implications for interbasinal connectivity, *Earth Planetary Science Letters*, 292, 123-131.
9. **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.
10. **Vasiliev, I.**, Krijgsman, W., Langereis, C.G., Panaiotu, C.E., Mațenco, 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

16 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