Curriculum Vitae: Prof. Mgr. Vojtěch Janoušek, PhD.

Born: 21 May 1968, Prague
Status: Married, 1 daughter
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Current employers:
(1/1) Czech Geological Survey, Klárov 3, 118 21 Prague 1, Czech Republic
(1/2) Institute of Petrology & Structural Geology, Charles Uni., Albertov 6, 128 43 Prague 2, Czech Republic

Educational background

1991 – Mgr. (M.Sc.), geochemistry, Charles University, Prague
1994 – Ph.D., Department of Geology and Applied Geology, University of Glasgow, Scotland
Thesis: "Geochemistry and petrogenesis of the Central Bohemian Pluton, Czech Republic"

Professional experience

1996–present: Researcher at Radiogenic Isotopes Laboratory, Czech Geological Survey, Prague (1998–2008 its head, in 2005–2018 deputy head of the Department of Rock Geochemistry)
2002–2005 – Post-doctoral research assistant at Institut für Mineralogie, Universität Salzburg, Austria
2005–present: Research Assistant, then Associate Professor (doc, 2012–2021) and finally Full Professor (2021–) at the Institute of Petrology & Structural Geology, Charles University, Prague.

Main scientific interests

- Geochemistry and petrogenesis of granitoid rocks, magma mixing,
- Processes in subduction zones, arc- and behind-arc igneous rocks,
- Geochemistry and genesis of high-P high-T granulites,
- U–Pb and Sm–Nd geochronology (magmatic and metamorphic rocks),
- Applications of Sr–Nd–Hf–Li–Mg–Pb–O isotopes for igneous petrogenesis,
- Numerical modelling in igneous geochemistry,
- Computing in geosciences (R language, software of the *GCDkit* family).

Field experience

~35 years of field experience in the European Variscides, Central Asian Orogenic Belt (Mongolia), Kaoko Belt (Namibia), Sierra Nevada (California), Pacific volcanic arc/back-arc (Nicaragua), Antarctic Peninsula.

Publication record and selected recent references

Author or co-author of 85 original articles listed by the Web of Science, 22 of them as the first author
4510× cited on WOS, h index = 36 (as for 8 August, 2024)
Researcher ID: B-6789-2008, *ORCID:* 0000-0002-6581-9207, *Scopus Author ID:* 7003861083

Bonin B., Janoušek V. & Moyen J.F. (2020): Chemical variation, modal composition and classification of granitoids. In: Janoušek V., Bonin B., Collins W.J., Farina F. & Bowden P. (eds): Post-Archaean Granitic Rocks: Contrasting Petrogenetic Processes and Tectonic Environments. *Geol. Soc. London Spec. Pub.* **491,** 9–51.

Hora, J.M., Tabaud, A.S., Janoušek, V. & Erban Kochergina, Y.V. (2021): Potassic magmas of the Vosges Mts. (NE France) delimit the areal extent and nature of long-gone Variscan orogenic mantle domains. *Lithos* **402–403,** 106304.

Janoušek V. & Moyen J. F. (2020): Whole-rock geochemical modelling of granite genesis – the current state of the play. In: Janoušek V., Bonin B., Collins W. J., Farina F., Bowden P. (eds) Post-Archaean Granitic Rocks: Contrasting Petrogenetic Processes and Tectonic Environments. *Geol. Soc. London Spec. Pub.* **491,** 267–291.

Janoušek, V., Farrow, C.M.. & Erban, V. (2024): *GCDkit.Mineral* – a customizable, platform-independent R-language environment for recalculation, plotting and classification of electron-probe micro-analyses of common rock-forming minerals. *Amer. Min.*, in print. doi: 10.2138/am-2023-9032

Janoušek, V., Florisbal, L. M., Konopásek, J., Jeřábek, P., Bitencourt, M. F., Gadas, P., Erban, V. & Kopačková-Strnadová, V. (2023): Arc-like magmatism in syn- to post-collisional setting: the Ediacaran

Angra Fria Magmatic Complex (NW Namibia) and its cross-Atlantic correlatives in the south Brazilian Florianópolis Batholith. *J. Geodyn.* **155,** 101960

Janoušek, V., Erban Kochergina, Y.V., Andronikov, A. & Kusbach, V., (2022): Decoupling of Mg from Sr–Nd isotopic compositions in Variscan subduction-related plutonic rocks from the Bohemian Massif: implications for mantle enrichment processes and genesis of orogenic ultrapotassic magmatic rocks. *Int. J. Earth Sci.* **111,** 1491–1518.

Janoušek, V., Hanžl, P., Svojtka, M., Hora, J.M., Erban Kochergina Y.V., Gadas, P., Holub, F.V., Gerdes, A., Verner, K., Hrdličková, K., Daly, J.S. & Buriánek, D. (2020): Ultrapotassic magmatism in the heyday of the Variscan Orogeny – the story of the Třebíč Pluton, the largest durbachitic body in the Bohemian Massif. *Int. J. Earth. Sci.* **109**, 1767–1810.

Janoušek, V., Holub F.V., Verner K., Čopjaková R., Gerdes A., Hora J.M., Košler J., Tyrrell S. (2019): Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: peculiar magmas derived from a strongly enriched lithospheric mantle source. *Lithos* **342–343,** 239–262.

Janoušek V., Jiang Y. D., Buriánek D., Schulmann K., Hanžl P., Soejono I., Kröner A., Altanbaatar B., Erban V., Lexa O., Ganchuluun T. & Košler J. (2018): Cambrian–Ordovician magmatism of the Ikh-Mongol Arc System exemplified by the Khantaishir Magmatic Complex (Lake Zone, south-central Mongolia). *Gondwana Res.* **54,** 122–149.

Janoušek, V., Moyen, J.-F., Martin, H., Erban, V., Farrow, C. M. (2016): Geochemical Modelling of Igneous Processes. Principles and Recipes in R Language. Bringing the Power of R to a Geochemical Community. Springer-Verlag, ISBN 978-3-662-46791-6, 346 pp.

Moyen, J.F., Janoušek, V., Laurent, O., Bachmann, O., Jacob, J.B., Farina, F., Fiannacca, P. & Villaros, A. (2021): Crustal melting vs. fractionation of basaltic magmas: Part 1, Granites and paradigms. *Lithos* **402–403,** 106291.

Soejono, I., Collett, S., Kohút, M., Janoušek, V., Schulmann, K., Bukovská, Z., Novotná, N., Zelinková, T., Míková, J., Hora, J. M., & Veselovský, F. (2024): Paleogeography of the Gondwana passive margin fragments involved in the Variscan and Alpine collisions: Perspectives from metavolcanic-sedimentary basement of the Western Carpathians. *Earth-Sci. Rev.* **253,** 104763

Soejono, I., Janoušek, V., Perestý, V., Schumann, K., Svojtka, M., Hanžl, P., Hora, J.M., Míková, J., Štípská, P., Guy, A., Collett, S., Otgonbaatar, D. (2023): From Rodinian passive margin to peri-Siberian continental arc: Evidence from the multiphase Neoproterozoic–early Paleozoic magmatic record of the Zavkhan Block in the Mongolian Collage. *Gondwana Res.* **121,** 344–367

Teaching experience (excerpt)

- **Charles University in Prague:** "Graphical presentation and numerical modelling of geochemical data" (2000–2015), "Data analysis in R and Python" (2016–, with O. Lexa), "Principles of isotope geology and geochronology" (2005–, with T. Magna), "Magmatic processes" (2016–); "Volcanology" (2020–, with V. Rapprich), **2011–2021**: six one-week international workshops on numerical modelling of magmatic processes in R (most with J.F. Moyen: Finland, South Africa, India, Poland, 3× Italy)

Service to the scientific community

- **Reviewer for:** J. Petrology, Lithos, Contrib. Mineral. Petrol., Chem. Geol., Eur. J. Mineral., J. Geol. Soc. London, Int. J. Earth Sci., Tectonics, Geochem. J., Terra Nova, Geol. Carpath... (38 confirmed reviews on WOS/Publons)
- **Editor-in-Chief**, *Journal of Geosciences* (2007–2020) (2023 IF = 1.1).
- **Membership of editorial boards:** *Journal of Geosciences, Geologica Carpathica* (both 2020–)

Awards

- **2019: Bohuslav Cambel Medal** (Earth Science Institute of the Slovak Academy of Sciences, Bratislava)
- **2023: Radim Kettner Medal** (Czech Geological Society)

Membership in Professional Societies

- Geochemical Society (2011–), Czech Geological Society (secretary: 2001–2003), Czech National Geological Committee (2009–2018)