

Masaryk University

Faculty

Faculty of Science

Procedure field

Physical Geography

Applicant

doc. Mgr. Daniel Nývlt, Ph.D.

Applicant's home unit, institution

Faculty of Science, Masaryk University

Board members

Chair

prof. RNDr. Petr Dobrovolný, CSc.
Faculty of Science, Masaryk University

Members

prof. Mgr. Ondřej Bábek, Dr.
Faculty of Science, Palacký University in Olomouc
prof. RNDr. Tomáš Pánek, Ph.D.
University of Ostrava
prof. RNDr. Vít Vilímek, CSc.
Department of Physical Geography and Geoecology (Faculty of Science), Charles University
Univ.-Prof. Dr. Daniel Paul Le Heron
University of Vienna, Institut für Geologie

Evaluation of the applicant's scholarly/artistic qualifications

Daniel Nývlt graduated from the Charles University in Prague in 1999 and completed Ph.D. in 2008 at the Department of Physical Geography and Geoecology, Charles University in Prague. He has completed the Associate Professorship at the Faculty of Science, Charles University in Prague in 2015.

Through the time his research gradually shifted from general Quaternary Geology and Physical Geography to a wide range of scientific disciplines focused especially on sedimentology, palaeoclimatology, glacial geology and geomorphology, as well as through stratigraphy and glaciology towards geochronology and ecology.

In the role of a principal investigator or co-investigator he has led several research projects funded by the Czech Science Foundation, Ministry of the Environment or EU commission within the FP7. The flagship of his research activities since 2017 are projects funded by the Ministry of Education, Youth and Sports (MSMT), which were focused first on the development of the Czech Polar Infrastructure and then on establishing and sustaining the Czech Antarctic Research Programme.

As the Principal Investigator of the Czech Polar Research Infrastructure and Head of the Polar-Geo-Lab, Daniel Nývlt has played a significant role in establishing the Czech Antarctic Research Programme as a highly respected scientific initiative globally.

To date (12.04.2026), he has been the main author or co-author of more than 150 reviewed scientific articles, maps or book chapters. 83 WoS-listed and 102 Scopus-listed papers; times cited: 1788 (WoS); 2068 (Scopus); h-index: 24 (WOS); 25 (Scopus).

Daniel Nývlt actively collaborates with researchers from many countries around the world, e.g. from Argentina, France, Germany, Italy, Peru, Poland, Portugal, Spain, the UK and the USA. The most prolific collaborations are with Prof. J.L.Carrivick (University Leeds) on proglacial geosystems, or with Dr. J.M.Lirio (Instituto Antártico Argentino) on Antarctic palaeolimnology.

Conclusion: The applicant's scholarly/artistic capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Physical Geography.

Evaluation of the applicant's pedagogical experience

Daniel Nývlt gained his teaching experience in higher education primarily at Masaryk University (2013–2026), but he has also lectured at Charles University (2008–2019) and the University of South Bohemia (2011–2016). He has long been teaching more than ten courses at all levels of study. In his teaching, he focuses primarily on the following topics: Physical Geography, Palaeoclimatology, Quaternary Environments, Glaciology and glacial geo(morpho)logy, or Physical geographical methods.

The Commission highly appreciate the fact that he developed and implemented the vast majority of the core lectures himself, e.g. Quaternary Environments, Paleoclimatology, Glaciers of the Earth and Geoscience and Ecology of Polar Regions.

Under his supervision, 16 bachelor's theses, 13 master's theses, and 6 doctoral dissertations have already been successfully defended. He plays a significant role in the academic training of doctoral students in his seminars. He has contributed to the publication of 3 textbooks as well as 3 chapters in textbooks.

The quality of his teaching and mentoring is also evidenced by the numerous awards his students have received (e.g. two vice rector MU awards to his PhD students and prizes for the best geomorphological theses at national level awarded by Czech Association of Geomorphologists).

Applicant is a guarantor of the PhD. Programme Physical Geography and the Head of the Joint Doctoral Board of Geographical Programmes since 2019.

Conclusion: The applicant's pedagogical capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Physical Geography.

Evaluation of the applicant as a respected and recognized scholarly or artistic figure in a given field

Daniel Nývlt is the Head of the Czech Antarctic Research Programme since 2017 ensuring the long-term Antarctic research programme and thus the consultative status of the Czech Republic in the Antarctic Treaty System. Represents the Czech Republic in the Committee on Environmental Protection of the Antarctic Treaty System and Scientific Committee on Antarctic Research as a voting national delegate.

He is Associate editor of *Frontiers in Earth Science*, Co-editor of *Bulletin of Geosciences* and served as deputy editor of this journal in the period 2003–2006 and is a member of editorial boards of the *Journal of Geological Sciences – Anthropozoic* and *Czech Polar Reports*.

He has organized various international conferences (including annual conference on Antarctic topics in the Senate of the Parliament of the Czech Republic) and edited special volumes of international journals and conference proceeding.

In 2024, Daniel Nývlt was awarded the Order of Bernardo O'Higgins, Grade Commander from the President of the Republic of Chile, the highest civilian honor awarded to non-Chilean citizens for his Antarctic research activities and collaboration with Chile.

Last but not least, applicant is also very active in popularisation of Antarctic research in Czech mass media and for general public.

Conclusion: The applicant **is** a respected and recognized scholarly figure in his/her field. The applicant **has** made a significant contribution to the development of his/her field. The applicant **constitutes** a leading figure in his/her field of scholarship or research.

Evaluation Board Decision on the Nomination for Appointment to Professor

Secret vote results

Voting took place: electronically

Number of board members		5
Number of votes cast		5
of which	in favour	5
	against	0

Board decision

Based on the outcome of the secret vote and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and role as a respected and recognized scholarly or artistic figure, the board hereby submits a proposal to the Scientific Board of the Faculty of Science of Masaryk University to **appoint the applicant professor** of Physical Geography.

In Brno on 28.04.2026

prof. RNDr. Petr Dobrovolný, CSc.