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17.09.2021

Letter of recommendation for doc. RNDr. Vilém Pechanec, Ph.D.

To whom it may concern,

I am writing this letter of recommendation to strongly support Vilém Pechanec, Ph.D. for the academic title Full Professor at Palacký University in Olomouc. It is a great honor for me to provide this review of his scientific expertise.

Vilém Pechanec, Ph.D., is working for more than 15 years at Palacký University in the Department of Geoinformatics. His research topics cover the fields of spatial analysis, 3D printing, remote sensing, sensor networks, sensor integration and geosystem functions/ecology. His specialization is environmental geoinformatics, especially Integrated modelling and evaluation of landscape, state of biodiversity and ecosystem services. In this field he developed specific certified methodologies, created specialized maps and programmed specialized software tools.

For his research interests and the intellectual exchange with international colleagues, he used travel opportunities to more than 10 countries. Consequently he was involved in international projects.

The scientific output was published in a great number of articles in national and international peer-reviewed journals as well as book contributions. He also is actively involved as Section Board Member and Editorial Board Member for the international impact journal *Sustainability*. In addition to that he served as guest editor of Special Issue "*Cooperation of Geoinformatics and Landscape Ecology for Sustainable Development*". Besides the presentation of own research results, Vilém Pechanec, Ph.D., serves the scientific community as reviewer for 30 international journals. In addition to that he also acts as reviewer for research projects.

His teaching record is also impressive as well as the list of 28 supervised bachelor's and 31 Master's theses as well as 4 dissertations. Besides teaching and supervising, he is an active member of his faculty as well as of his university, with his membership in the council board and the examination commissions. In Ph.D. studies.

With his background and significant research output (75 publications in peer-reviewed journals, 21 monograph contributions, H-index of 14 (WoS)), I believe, that he will continue to make further significant contributions to his research area and fulfills the requirements of full professorship in geoinformatics at any academic institution.

By closing this letter, I provide my unconditional support for Vilém Pechanec, Ph.D., and have no reservation in this regard.

With kind regards,

(Prof. Dr. Carsten Jürgens)