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Subject: **Letter of Motivation**

Dear Madams, Sirs:

With this letter I’d like to apply for post-doctorate mobility within Erasmus +KA171.

I am the Candidate of Аgricultural Sciences in the field of ecology and I work as an Associate Professor of the Department of Ecology and Environmental Technologies at Zhytomyr Polytechnic State University. I am a person with technical aptitude and an interest in management. I also have a passion for traveling and understanding of different cultures of the world. All achievements in my life have given me a very broad outlook with varying degrees of knowledge in a range of topics. I strongly believe that although some are not related directly, all these qualities will influence my further scientific cooperation according to the proposed program.

My field of research is “Natural and Antropogenous Forest Ecosystems under the Technogeneous Influence”. This topic is particularly important for Ukraine in the framework of European integration in the field of environmental protection.

It is known that the area of forest land in Ukraine is not enough big nowadays. Therefore it is necessary to create a man-made forest ecosystems in areas previously used for other industries. But these territories can not be used for forestry, because they have landscaped violations, pollution of organic substances, heavy metals or radionuclides due to the accident at the Chernobyl plant. So, it is necessary to minimize the effects of the impact of human activities for the natural soils, before the forest will be planted. Unfortunately, this issue is still actual for our country, as far as there is no modern and efficient technology for treatment of soils in our country. This necessitates the development of technologies for improvement of urban and industrial areas and the development of new methods of remediation of soils after the technogeneous influence.

I believe that the unique opportunity to share experiences with colleagues from other countries and to get different skills and abilities with the help of the Erasmus +KA171 program will allow me to achieve better results in the study of this problem.

In short-term perspective I hope to have abroad training plunging into the other culture to extend my personal and academic understanding of international affairs and foreign experience concerning treatment of soils contaminated as a result of industrial use.