

Funding institution

VolkswagenStiftung, Kastanienallee 35, D-30519 Hannover. Website: www.volkswagenstiftung.de

Program

Trilateral Partnerships - Cooperation Projects between Scholars and Scientists from Ukraine, Russia and Germany (Application date: April 30, 2015)

Project title

Strengthening the Adaptive Potential of the Forests of Western **Ukraine**, Northwest **Russia** and Southwest **Germany** to Changing Environmental Conditions and Societal Needs – **SURGE**

- Strategies and Measures for Increasing and Sustaining the Provision of Forest Ecosystem Goods and Services

Partners

Partner 1 (P1): Albert-Ludwigs-University Freiburg, Germany, Faculty of Environment and Natural Resources, Chair of Forest Growth, Prof. Dr. Heinrich Spiecker (Director), Dr. Hans-Peter Kahle (Assistant professor) - P1 ALU-FR

Partner 2 (P2): Ukrainian National Forestry University, Lviv, Institute of Silviculture, Prof. Dr. Vasyl Lavnyy (Professor) - P2 UNFU-LV

Partner 3 (P3): St. Petersburg State Forest-Technical University, Russia, International Center of Forestry and Forest Industries, Prof. Dr. Alexander Alekseev (Director), Prof. Dr. Maxim Chubinsky (Assistant professor) - P3 SFTU-SP

The German partner already maintains a long-lasting co-operative partnership to the Ukrainian as well as to the Russian partners involved in this proposal.

Justification of partners

Prof. Dr. Dr. h.c. Heinrich Spiecker is distinguished expert in the field of forest management with special expertise in the fields of forest conversion, forest adaptation and long-term trends in growth and productivity of forests in Europe (Spiecker et al. 1996; Spiecker et al. 2004; Lopatin et al. 2008). Prof. Spiecker is head the Chair of Forest Growth at University Freiburg. He was member of the EC-project consortium Motive (Models for Adaptive Forest Management) and co-ordinator of the working group „Impacts of Climate Change on Forests“ within Cost Action FP0703: Expected Climate Change and Options for European Silviculture (ECHOES). Prof. Spiecker maintains intensive contacts to the University of Joensuu, Finland, first of all to Prof. Dr. Timo Karjalainen (Finnish Forest Research Institute/University of Eastern Finland), who is expert in International Forestry in Countries of Transition (e.g., Russia, Ukraine).

Dr. Hans-Peter Kahle is expert in the field of Forest Productivity and Production Ecology (Kahle et al. 2008) with long-lasting experience in international scientific co-operation (Lopatin et al. 2005;

Raspopov et al. 2013). Dr. Kahle is assistant professor at the Chair of Forest Growth at University Freiburg.

Prof. Dr. Vasyl Lavnyy is expert in the field of Silviculture and Forest Policy (Lavnyy 2012; Lavnyy 2013; Krynytskyy et al. 2014) with long-lasting experience in international scientific co-operation (Lavnyy & Lässig 2007; Lavnyy & Spiecker 2007; Lavnyy & Willig 2011; Hussendörfer & Lavnyy 2012; Brändli et al. 2013). He is teaching in the Bachelor- and Master-program "Forestry" the subjects "Silviculture" and "Forest policy". Since 1996 he has scientific contacts and cooperation with Prof. Dr. Dr. h.c. Heinrich Spiecker. Prof. Lavnyy is member of the scientific council at the Uzhansky National Park in Transcarpathians. In this region are located the biggest beech primeval forests of Europe, which are in the World Nature Heritage List from UNESCO.

Prof. Dr. Alexander Alekseev is a specialist in the field of sustainable forest management, theoretical and applied (forest) ecology, monitoring of forest ecosystems, information management and application GIS technologies in forestry, optimization and rational use of natural (forest) resources. Prof. Alekseev developed a theoretical framework and original mathematical models and methods to analyze human impacts on forest ecosystems, to study the growth, structure and dynamics of forest ecosystems, and for the spatial analysis of the properties of vegetation. He was the first to develop courses on "Monitoring of forest ecosystems" and "System studies and modeling in forestry" to be taught in forestry programs at Russian universities. Prof. Alekseev repeatedly was invited as a guest speaker at international conferences and seminars in the USA, Germany, Sweden, Finland, Canada, Denmark, the Czech Republic, Italy, France, Iceland, Poland, and Iran. He is visiting professor at the Faculty of Forestry, University of Eastern Finland Joensuu, where he gives lectures on a regular basis. Prof. Dr. Alexander Alekseev now is a prime vice-rector of FTU.

Prof. Dr. Maxim Chubinsky is expert in the field of Forest Ecology and Wood Science with long-lasting experience in international scientific and educational co-operation. In education his main focus is on realization of Bologna principles in Russia. He is assistant professor at the Department of General Ecology, Physiology of Plants and Wood Science and executive director of International Centre of Forestry and Forest Industry.

See the roles of partners and other participants in the attached document "Justification of budget". See CVs and publication lists attached.