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Short Curriculum Vitae

Dr. Sarka Hoskova-Mayerova has been working, since 1998, as a teacher of mathematics at the Military Academy, from 2008 as associative professor the University of Defence, in 2016 she was a faculty Vice-Dean for Public Relation and Development. Sarka Hoskova-Mayerova participated on many research project focused mainly to mathematics and geographic and cartographic applications in military and crisis branches. She participated on several of them in the position of the main researcher. She is author and co-author of 120+ publications including 80+ papers and 40+ speeches, mainly in the mathematical and cartographic, geographic and geoinformatics branches. She organized, in roles of either the executive director or chairman of the program committee, more than 10 international and national conferences.

Main Publications

Hofmann, A., Hoskova-Mayerova, S. Development of applications in the analysis of the natural environment (2016) APLIMAT 2016 - 15th Conference on Applied Mathematics 2016, Proceedings, pp. 467-481.

Ameri, R., Hoskova-Mayerova, S. Fuzzy continuous polygroups (2016) APLIMAT 2016 - 15th Conference on Applied Mathematics 2016, Proceedings, pp. 13-19.

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Talhofer, V., Hofmann, A., Hoskova-Mayerova, S. Application of fuzzy membership function in mathematical models for estimation of vehicle trafficability in terrain (2015) APLIMAT 2015 - 14th Conference on Applied Mathematics, Proceedings, pp. 711-719.

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