Sándor Bozóki

He obtained his doctoral degree from the Corvinus University of Budapest in 2006 and habilitated in 2019.

Since 2001, He has worked at the Research Group on Operations Research and Decision Systems at the Research Laboratory for Engineering and Business Intelligence, Research Institute for Computer Science and Automation (SZTAKI), and since 2021 as a head of research group.

He has participated in several decision support task solutions such as elaboration of a decision support system for the group ranking of projects based on a multi-criteria model to increase the level of vaccination coverage, stock modelling of pharmaceutical factories, analysis of the sub-criteria weight numbers and the sub-criteria evaluation methods in the Szeged tram and trolleybus tender, ranking of banking projects.

Previously, he was the chief researcher of an OTKA research project, and between 2018-2021 he was the secretary of the Scientific Committee on Operations Research at the Department of Mathematics Sciences of the Hungarian Academy of Sciences. He is currently the Editor-in-Chief of the Journal of Applied Mathematics and Secretary of the Hungarian Operational Research Society.

Professional and other awards:

Excellent Mentor Award, Jean-Pierre Brans PROMETHEE Award for the best paper, European Journal of Operational Research Editors' Award for Excellence in Reviewing, Béla Gyires Award, János Bolyai Research Scholarship, ÚNKP Bolyai+ Scholarship, SZTAKI Institute Publication Award, SZTAKI Institute Award, Gyula Farkas Memorial Award.

Teaching & research activities:

He has taught decision theory and operations research at the Department of Economic Decisions at SZTAKI for twenty years, and at the Department of Operations Research and Actuarial Sciences since 2006. As a guest lecturer, he has taught courses at ELTE, BME and CEU.

He has been the supervisor of 33 theses and two doctoral dissertations; 10 of his students have achieved Students' Scientific Association and National Conference of Students' Scientific Association prizes, two of them OTDK first prize.

His research fields include multiobjective decision models and optimization. Five of 32 international journal articles are of category D1 and eight are Q1. He has obtained more than 600 independent citations (MTMT) for his results; his Hirsch index is 13, and his Erdős number is 2.

Participation in international scientific (professional) life:

He has published common articles with 21 foreign co-authors from 10 countries. He was the main organiser of the 2021 conference of the EURO Working Group in Multi Criteria Decision Aiding (EWG-MCDA) and a member of the organising or programme committees of several other international conferences.

He is currently a member of the Editorial Board of the European Journal of Operational Research and a Chief Guest Editor of a special issue of the Central European Journal of Operations Research. He has reviewed nearly a hundred international journal articles.