



Elvan Ceyhan

- Associate Professor

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Dr. Ceyhan received his Ph.D. in Applied Mathematics and Statistics from the Johns Hopkins University (JHU) in 2005 and did a postdoc at Center for Imaging Science at JHU in 2004-5. He was a faculty member at Koç University (KU), Istanbul, Turkey between 2005-2016, was a visiting scholar at Harvard University in 2007 summer and a research fellow at SAMSI in RTP, NC in 2013-14, a visiting professor at University of Pittsburgh in 2016-17, was the Deputy Director of SAMSI and a Research Associate Professor in the Department of Statistics at North Carolina State University in Raleigh, NC in 2017-2019. Currently, he is an associate professor in the Department of Mathematics and Statistics at Auburn University in Auburn, AL. He has over 16 years of experience in research on statistical methodology and its applications in various fields. Dr. Ceyhan has been actively involved in teaching and supervision of graduate students and has taught over 20 different courses (at various levels). He has also served as a statistical consultant for a private bank for three years in Turkey.

Dr. Ceyhan has published 57 refereed journal articles in various areas of statistics and mathematics with applications in medical and environmental sciences, and engineering. Dr. Ceyhan has been invited to write 4 discussion notes to JRSS, has given over 55 seminars and conference presentations some of which were invited lectures and presented about 20 posters at national and international meetings. Dr. Ceyhan has contributed significantly to graph based spatial data analysis and pattern recognition and spatial pattern tests based on nearest neighbor methods. His research focus is recently moving toward Machine Learning and Data Science and Optimal Obstacle Placement problem.

Dr. Ceyhan served as an **Associate Editor (AE)** for **Computational Statistics & Data Analysis** in 2008-16 and as an **Editorial Board Member** for Model Assisted Statistics and Applications in 2007-14, and has served as AE for Journal of Probability and Statistical Sciences in 2007-13, 2021-now. He was also a Scientific Advisory Board Member and abstract reviewer for Human Brain Mapping in 2007. He also served as an expert reviewer for the evaluation of H2020 MSCA I -MAT proposals (2016); **member of Board of Directors of IASC-ERS**, 2012-16; panel member or reviewer for TUBITAK (Turkish NSF) Projects, 2010-13; head of Math Department of KU, 2010-11; Member for the KU Faculty Council in 2006-11. He was the organizer of three Invited Sessions and one Special Topic Session in various conferences, Scientific Program Committee member for five major conferences, and **co-chair of the Local Organizing Committee of World Congress in Probability and Statistics** in 2012 and one of its satellite meetings. His joint poster won the **Second-Best Oral Presentation Award** at the 30th National Radiology Congress in Turkey in 2009.

Dr. Ceyhan performed refereeing duties for about 30 journals (multiple times for some of them) and for Mathematical Reviews in 2008-19. His work has been cited more than 895 times by researchers worldwide. He was elected as a member of **Global Young Academy** in 2012, as a **Young Affiliate Fellow of TWAS** for 2012-16, became an **Elected Member of ISI** in 2011, and has been a member of **Phi Kappa Phi Honor Society** since 1999. He was granted complimentary membership to the **New York Academy of Sciences** for 2015-16. He has also received the prestigious **EU-FP7 Marie Curie International Outgoing Fellowship** (2013-15). He won a **European Science Foundation scholarship** for the IASC-ERS Summer school "Computational Aspects in Environmental Statistics" in Bulgaria in 2009. He received a TUBITAK grant in 2012-13 and a TUBITAK Career grant in 2008-11.