



**G.P. Patil, Founder  
Distinguished Mentor,  
and Honorary Advisor**

Dr. Patil is a Distinguished Professor of Mathematical and Environmental Statistics in the Department of Statistics at the Pennsylvania State University, and is a former Visiting Professor of Biostatistics at Harvard University in the Harvard School of Public Health.

He has a Ph.D. in Mathematics, D.Sc. in Statistics, one Honorary Degree in Biological Sciences, and another Honorary Degree in Letters. He is a Fellow of American Statistical Association, Fellow of American Association of Advancement of Science, Fellow of Institute of Mathematical Statistics, and Elected Member of the International Statistical Institute, Founder Fellow of National Institute of Ecology and Society for Medical Statistics in India.

He has been a founder of Statistical Ecology Section of Ecological Society of America, a founder of Statistics and Environment Section of American Statistical Association, and a founder of the International Society for Risk Analysis, International Society for EcoHealth, Society for Syndromic Surveillance and Digital Government Society of North America. He is founding editor-in-chief of the international journal, Environmental and Ecological Statistics and founding director of the Penn State Center for Statistical Ecology and Environmental Statistics.

Dr. Patil has published thirty volumes and three hundred research papers. He has received several distinguished awards which include: Distinguished Statistical Ecologist Award of the International Association for ecology, Distinguished Achievement Medal for Statistics and the Environment of the American Statistical Association, Best Paper Award of the American Fisheries Society, and the Best Paper Award of the American Water Resources Association.

He is principal investigator of the multiyear NSF grant for surveillance geoinformatics for digital government in the 21<sup>st</sup> Century. The project has dual disciplinary and cross-disciplinary thrust. He was recently a co-principal investigator of an EPA STAR grant for watershed characterization and prioritization for protection and restoration, and was a data analysis and interpretation investigator for the Atlantic Slope Consortium Project of EPA STAR grant program.

Over the past forty year period, Dr. Patil has been in the forefront of research and outreach in mathematical statistics and stochastics, statistical ecology, environmental statistics, and multiscale advanced map analysis. He has served as Chair of International Statistical Ecology Program, a Liaison Committee of International Statistical Institute, International Association for Ecology, and International Biometric Society, with Sir David Cox, Bertil Matern, Chris Pielou, and Padmavibushan CR Rao on the Committee. Also, he has worked on several advisory committees of federal and state agencies and environmental research institutes. He was a member of the UNEP Science Advisory Panel with Nobel Laureate Mario Molina for the UNEP Division of Environmental Assessment and Early Warning. He recently served on the NSF Panel for Homeland Security and Geographic Information Systems. He has been on the Science Advisory Board of the Spatial Accuracy Symposia.

In the recent past, he has served on the EPA Science Advisory Board Regional Vulnerability Assessment Panel and chaired a UNEP Expert Panel for Human Environment Index. Currently he serves as the principal advisor and coordinator for case studies on digital governance and hotspot geoinformatics across USA, Sweden, Germany, Italy, India, China, Indonesia, Japan, and Brazil under the NSF Digital Government Research Project, with emphasis on monitoring, etiology, early warning, and sustainable development.

Family-wise, Dr. Patil has a very interesting cross disciplinary family with his wife a PhD in Biology and an MBA in Management, first son Parimal on the Harvard University faculty for Philosophy and Comparative Religions, second son Parag on the University of Michigan faculty for Neurosurgery and Biomedical Engineering, third son Pawan the Chief Executive of Global Fund for Youth Investment at the World Bank and the Silatech at Doha, and the daughter Priya, a former United Nations Fund for Population Assessment Senior Officer for Oversight and Evaluation, New York, herself an expert in emerging infectious disease evaluation and management. Parimal's wife Emily teaches at Boston University, in History and Literature, with her specialization on Mahabharat. Pawan's wife Lisa is a writer, even with her law and management expertise and experience, while being a multinational and international champion in karate. Priya's husband Jim, a founder of Capital One, is a senior executive of Prosper. With four grandchildren, Bodhi, Anand, Anjali, and Meijin, the GrandParent GP usually looks matching 5: 75 modulo 70 and at times 25 : After 50, discount 50!