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Professor

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Last updated:

■ Education

2016 Ph.D. - Department of Statistics, Graduate University for Advanced Studies (SOKENDAI)

2010 M.A. - Department of Statistics, Columbia University

1998 M.M.E. - Graduate School of Engineering, University of Tsukuba

1996 B.E. - Collage of Engineering Sciences, University of Tsukuba

■ Teaching and Research Interests

Basic Mathematics, Probability and Statistics, Business Analytics, Machine Learning, R Programming, Electricity Load Forecasting and Renewable Energy Forecasting

■ Academic Appointments

2021- Professor, Tokyo International University

1998-2021 Specialist (Applied Statistician), Principal Researcher, Tokyo Electric Power Company

■ Selected Publications/Conference Papers

“Impact of COVID-19 Pandemic on Power Demand,” Energy and Resources (in Japanese), Vol. 42, No. 1, 2021, pp. 21-24. (coauthored with Ryosuke Nakanishi and Yukio Shinoda)

“Estimation Method of Photovoltaic Power Output using Extended Lambert-Beer Law,” IEEJ Transactions on Power and Energy, Vol. 140, 2020, pp. 42-48. (coauthored with Jun Odashima and Yukio Shinoda)

“TEPCO Electricity Load Forecasting Contest - TEPCO Open Innovation Challenge-,” Artificial Intelligence (in Japanese), Vol. 35, No. 3, 2020, pp. 360-365. (coauthored with Tomoki Okamoto and Takashi Shimpo)
<<https://www.tepco.co.jp/en/announcements/2017/images/170620b.pdf>> (in English)

“Short-Term Ensemble Forecast for Purchased Photovoltaic Generation,” Solar Energy, Vol. 149, 2017, pp. 176-187.

“Using the Ensemble Kalman Filter for Electricity Load Forecasting and Analysis,” Energy, Vol. 104, 2016, pp. 184-198. (coauthored with Yoshiyasu Tamura and Seisho Sato)