

COTA Board of Directors Candidate

Jianyang Zheng, Ph.D., P.E.

Maryland Department of Transportation
State Highway Administration
Office of Planning and Preliminary Engineering
Travel Forecasting and Analysis Division
707 N. Calvert Street, C-503
Baltimore, MD 21202
Tel: 410-545-5641 (office)
Email: JZheng@sha.state.md.us



Short Bio:

Dr. Jianyang Zheng is currently a program/project manager in the Travel Forecasting and Analysis Division, Office of Planning and Preliminary Engineering, Maryland Department of Transportation State Highway Administration (MDOT SHA). Dr. Zheng has more than eight years of project management and development experience in transportation planning, congestion and applications of emerging transportation technologies in metropolitan areas. Dr. Zheng has taken the leadership in managing projects related to the travel demand forecasting analysis and integrated land use and transportation planning, as well as programs with a total amount of funding over 2 million dollars. Typical programs include, but not limited to, statewide Arterial Congestion Management, Reliability Analysis and Applications, and Connected Autonomous Vehicles Programs. Dr. Zheng has over 20 publications on peer-reviewed and referred journals, conference proceedings, technical reports, manuals, and guidelines, and he has delivered over 10 presentations at national and international conferences and workshops. He is a registered Professional Engineer with the State of Maryland. Dr. Zheng has served as the Associate Editor for IEEE Annual Conference on Intelligent Transportation Systems in 2012. He is a member of various outstanding academic and professional organizations, including TRB, ITE, ACSE, and COTA. Dr. Zheng received his bachelor's degree from Tsinghua University in 1997 and his master's degree and doctoral degree from the University of Washington in 2002 and 2008, respectively.

Qualification in Terms of COTA Involvement and Contribution:

Dr. Zheng has been a long-time active COTA member since 2001 when he started his graduate study at the University of Washington. He has actively involved and served for COTA in various activities and occasions. He has voluntarily engaged in paper review and editing efforts for CICTPs and actively offered helps to COTA winter symposiums and other COTA events during the TRB annual conferences in Washington, D.C. He has been keeping a close relationship with COTA in the past years.

Commitment Statement:

I am pleased to nominate myself to serve on the next COTA Board of Directors (BOD). With my lone-time professional service experience in Chinese communities, I am highly motivated to contribute more time, energy, and ideas to promote COTA's development and growth. I am confident of being ready to make a commitment to serving on the COTA BOD through enhancing the connection of COTA with governmental agencies and their professionals in the US and China. It would be my honor to be part of the COTA BOD working together with other BOD members to continue COTA's success and growth.

If I were provided an opportunity to serve on the COTA BOD, I would like to make my contribution through working closely with other members to make every effort to achieve the goals and objectives of COTA. Particularly, I will devote myself to booster the effective communications and collaborations among COTA members and other public sectors in the US and China as well as other transportation organizations. Typically, my envisioned commitment includes, but not limited to, the following aspects.

1. Enhance the liaison between COTA and American public sectors, especially at the federal level.
2. Help extend COTA connection with China governmental agencies via technical workshops and seminars.
3. Help develop COTA Government Advisor Board and Industrial Committee or similar committee.
4. Promote COTA membership in China and keep COTA to be growing and getting stronger.
5. Cooperate with academic programs of COTA.
6. Be committed to other responsibilities to be assigned by the COTA BOD.

I would also be eager and happy to implement any creative ideas you may have. If there are any suggestions and concerns, please feel free to contact me via phone at 410-545-5641 or Email at jzheng@sha.state.md.us. Your ideas always matter to COTA. Thank you very much for your support!

Endorsements:

- Dr. Yinhai Wang, Professor at the University of Washington, Passed President of COTA;
- Dr. Guohui Zhang, Assistant Professor at the University of Hawaii, current COTA BOD member;
- Dr. Haizhong Wang, Assistant Professor at Oregon State University, current COTA BOD member of COTA;
- Mr. Jun Wang, Senior Specialist of Appalachian Regional Commission (ARC), Passed President of COTA; and
- Dr. Ping Yi, Professor at University of Akron, Passed President of COTA.