



Takuya Miyashita

Education

- 2009–2013 **Bachelor**, *Faculty of Science and Engineering, Waseda University, Tokyo, Japan.*
Department of Civil and Environmental Engineering
- 2013–2015 **Master**, *Graduate School of Engineering, Kyoto University, Kyoto, Japan.*
Department of Civil and Earth Resources Engineering
- 2017–2020 **Ph.D.**, *Graduate School of Engineering, Kyoto University, Kyoto, Japan.*
Department of Civil and Earth Resources Engineering

Experience

Vocational

- 2020– **Assistant Professor**, *Coastal Disaster Research Laboratory, Disaster Prevention Research Institute, Kyoto University.*
Japan
- 2015–2017 **Civil Engineer**, *CTI Engineering Co., Ltd., Osaka Headquarter, Japan.*
Planning of beach protection
Inundation mapping of floods and storm surges

Languages

- Japanese Native
English Working knowledge

Computer skills

- Programming MATLAB, Julia, Fortran, Python, VBA, Shellscript
Softwares Git, GitHub, LaTeX, Make, Generic Mapping Tools (GMT), Clawpack
Systems Linux/UNIX

Interests

- Disaster reduction and mitigation
Numerical modeling of tsunamis and storm surges
Uncertainty associated with earthquake generation