



# Takuya Miyashita

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## 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

## Education

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

## Languages

- Japanese Native  
English Proficient

## 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  
Long wave behavior with varying topography