

Takahiro NOMOTO

La Maison des Province de France (MPF), 55 Boulevard Jourdan, 75014 Paris, France

Tel: +33-7-4472-9830 / Email: takahiro.nomoto@psemail.eu / takahiro.nomoto@eleves.enpc.fr

LinkedIn: www.linkedin.com/in/takahiro-nomoto-3b1575107



Personal statement: With my civil engineering background, I have worked as an engineering consultant for approximately six years. My career goal is to be an engineering economist who has profound knowledge and expertise in project evaluation, can assess the impact of a project on the economy and society, and can propose an economical and sustainable project from the view of the public.

EDUCATION

Paris School of Economics (PSE) / École des Ponts ParisTech (ENPC), France

Master of Science (MSc.) / Sustainable Impact Analysis (SIA)

Aug 2023

– Dec 2024

Scholar of the Joint Japan/World Bank Graduate Scholarship Program (JJ/WBGSP)

- **Relevant courses:** Cost-benefit analysis, Econometrics & data analysis, Project & corporate finance, Transport economics, Climate economics, Investment Decision, and Sustainability analysis
- **Capstone project - Respire:** Econometric analysis with R of the link between concentrations of pollutant (NO_x, PM) and hourly vehicle flow in Paris and its impact analysis on human health.

The University of Tokyo (UT), Japan

Master of Civil Engineering (MEng.)

Apr 2015

– Mar 2017

- **Relevant courses:** Infrastructure management, Engineering, and project management in international, Risk management of natural disasters, and Projects in developing countries
- **Master thesis:** Impact analysis on involuntary resettlement by infrastructure construction projects

Waseda University, Japan

Bachelor of Civil and Environmental Engineering (BEng.) / Minor in Different Cultural Understanding and Communications / Eligible for application of a high school teacher's license of science in Japan

Apr 2011

– Mar 2015

- **Relevant courses:** Infrastructure planning, National and regional planning system, Road asset management system, Environmental materials, Water quality engineering and Coastal engineering
- **Bachelor thesis:** Prediction of future wind direction by the weather research & forecasting model

PROFESSIONAL EXPERIENCE

Oriental Consultants Global Co., Ltd.

Railway Planner / Railway Division / Railway Planning Department / O&M Office

Apr 2017

– July 2023

- **Project locations:** Myanmar, India, Thailand, Bangladesh, Egypt, The Philippines, and Indonesia
- **Key responsibilities:** Railway planning, specializing in Economic and financial analysis, Cost-benefit analysis including IRR and WACC calculation, Sensitivity analysis, and Pollutant gas emission and reduction calculation induced by public infrastructure construction.

Major achievements:

- Conducted economic and financial analysis for feasibility studies of railway projects financed by the Japan International Cooperation Agency (JICA), enabling the sanction of the loan agreement.
- Took a leadership role by serving as a Deputy Team Leader in a transport study related to safety and comfort, working with 25 staff members from eight Asian countries.
- Conducted pre-feasibility studies for metro construction projects, including supervising demand forecasts, basic train operation planning, cost estimations, and financial scheme assessment.

The Asian Development Bank (ADB)

Research Intern / East Asia Department (EARD) / Urban and Social Sectors Division (EASS)

Sep 2017

– Dec 2017

- **Major achievements:** Conducted research and analysis on the satisfaction measurement of individuals involuntarily resettled by 40 road and railway construction projects in China.

CERTIFICATES & SKILLS

- **Engineering certificates:** The National Council of Examiners for Engineering and Surveying (NCEES) Fundamental Engineering (FE) in Civil Engineering (Apr 2019) / Japan FE in Civil Engineering (Nov 2018)
- **Other completed courses:** Public debt management course by the Japan International Cooperation Agency (JICA)(4 days, Jul 2022) / Workshop of economic and financial analysis for development projects by the Engineering and Consulting Firms Association, Japan (ECFA) (3 days, Oct and Nov 2019)
- **Languages:** English - Fluent (C1) / French - Intermediate (A2) / Japanese - Native / Chinese - Intermediate (B1)
- **Skills:** R and Python (learning and applying through the current courses)
- **Hobbies:** Trekking (ambitious to climb the 7 summits in my life) / Traveling (visited about 40 countries)