



Mr. Md Golam Mostofa



Bangladesh

Affiliation : Ministry of Road Transport and Bridges
University : Kanazawa Institute of Technology(M.D)
Duration : 2019.4-2021.3



Last year, I enjoyed the Japanese tea ceremony. It was aristocratic and nice !



I like to explore Japanese culture and infrastructure development and want to see more mountains, castles, park.

Reason for Applying

I have been working for the Roads and Highways Department (RHD) since 2011. My responsibilities included Bridge infrastructure design and maintenance. My purpose in applying this program is to contribute to the strengthening of existing infrastructures to maintain serviceability performance and enhanced load-carrying capacity.

Research

The main objectives of my research are :

- To evaluate the performance of the flexural strengthening of RC beam specimen with an alternative, cost-effective thermoplastic CFRP material.
- Investigation of combined Near-surface mounted (NSM) and Externally bonded reinforcement technique (Hybrid Bonding method) applied to the strengthened specimen with a comparatively shorter span to depth ratio.

Prospect

After graduation, I will continue to research in my country and contribute to the strengthening of the existing bridge infrastructures with a low cost solution.

Daily life

I have been to many Bridge sites and enjoyed staying in Tokyo, Fukui, Nagoya, Gifu, and Nagasaki. At weekend, I like to visit the sea, mountains, castles, park with my family members.



Ms. Tsogkhuu
KHOSGEREL



Mongolia

Affiliation : Ministry of Road and
Transport of Mongolia
University : Gifu University(M.D)
Duration : 2019.3 -2021.3



Akashi Kaikyō Bridge
Total length -3911 m



Oda Nobunaga- the first
"Great Unifier" of Japan

Reason for Applying (Background)

- Graduated from the University of Science and Technology of Mongolia.
- After graduation, worked as a material engineer in road/bridge construction projects.
- Since 2012: An officer of the Ministry of Road and Transport Development of Mongolia. The Government Action Plan /2012/ aiming to connect all provinces with the capital city by paved road is approaching completion. The next challenge is how to keep the network in good condition. Road sector management in Mongolia is in the process of switching its focus from new construction to maintenance of the existing structure. → Road Asset Management

Research

“Corrosion Classification of Weathering Steel by Deep Learning method”

Road Asset Management is a systematic and permanent process. Regular bridge inspection helps to make better decisions based on informed understanding of the current actual condition of the bridge. Briefly, regular inspection is the first step to the Strategic Asset management system and helps the road administrator to discharge their responsibilities effectively by data-driven systematic maintenance management.

-Using advanced technologies, such as UAV and robotic cameras, the images of bridge components can be obtained. Based on the images, we can evaluate the defects and understand the condition of the bridges.

-Various images of rust on specimens' surfaces (exterior appearance) are obtained to create training datasets to making classification models of corroded weathering steel. Based on those datasets using image processing technologies the deterioration can be classified and assessment of soundness class of the bridge can be evaluated.

Prospect

I will use my new knowledge to extend operational life and reduce the life cycle cost of roads and bridges in Mongolia. I will advocate and convince the Road Asset Management concepts to the decision-making procedure. Undertaking the Master's program I will gain knowledge to become able to give a professional consultancy in the elaboration of policy in the Ministry.

Daily life

I like to go short trips in Japan to sightseeing and participating in short-term trainings. Last year, I traveled to Kyoto, Kobe, Nagoya, Yokohama, and Tokyo. This year, due to the pandemic disease I am minimizing the extracurricular activities. Luckily, my supervisor allowed me to travel to Ryukyu University in Okinawa last week. It was an amazing experience.



Mr. Bounthipphasert
Soumphonphakdy



Laos

Affiliation : Ministry of Public Works and Transport

University : Nagasaki University (Ph.D)

Duration : 2017.10 - 2021.3



I am a member of Freestyle badminton club, and I very enjoy playing it in my free time.



I really enjoyed visiting the site of road rehabilitation because I was able to improve my knowledge and it was very helpful in my work and research.

Reason for Applying

My desire to apply this program is to contribute to roads and bridges maintenance and management systems in Laos.

Research

My research objective is to analyze the risks of managing roads in Laos to look for the best ways to improve them in tight budgets for maximum benefit and maximum efficiency.

Prospect

After I graduate from Nagasaki University, I will use the knowledge I have studied in Japan to improve the roads management systems in Laos.

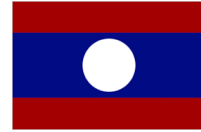
Daily life

I have been to many famous places with my friends and enjoy staying in Nagasaki.

During march to may in this year, I cannot go to my university because of COVID-19, so during that time it was quite difficult to research.



Mr. Thavone Khounsida



Laos

Affiliation : Ministry of Public Works and Transport
University : Nagasaki University (Ph.D)
Duration : 2017.10 - 2021.3



I love to play football and enjoy playing at the weekend with many friends. I also go fishing around Nagasaki city frequently with my family.



For my academic life, I love to spend time researching and participating in many joyful seminars and training and get much experience of traveling all over Japan after each workshop.

Reason for Applying

I work on road and bridge training for many years, and I found that a lot of improvements are needed for road and bridge management in my country as well as developing countries around the world.

Research

My research objective is to develop a Lifetime Extending Maintenance Model for the steel bridge(The case study for the Bailey bridge in Laos).

Prospect

After I graduate from Nagasaki University, I will back to my country and contribute to developing for my beloved country.

Daily life

I spend time to research, enjoy tasting Japanese food and culture, and enjoy visiting many places around Nagasaki city. During the COVID-19 pandemic, it is a little tricky situation and challenging for daily life. Fortunately, we can use the internet and media for sharing and learning instead.

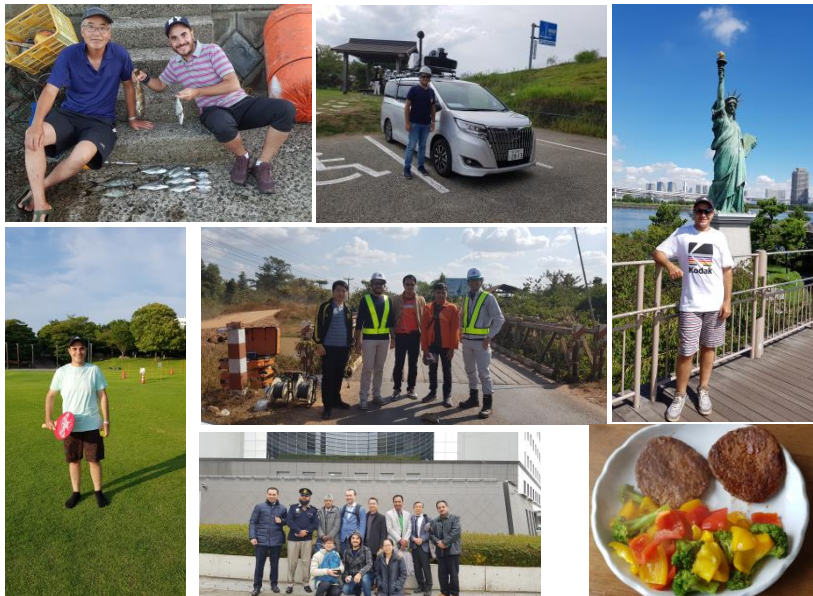


Mr. Mohamed Saied



Egypt

Affiliation : ENIT-Ministry of Transport
University : Nagasaki University(Ph.D)
Duration : 2019.4-2022.3



Reason for Applying

I've been a teaching assistant at the Egyptian National Institute of Transport (ENIT) since 2014. My responsibilities included teaching many Courses in the Highway and Traffic Department, in addition to participating in research projects. I'm very fortunate to participate in this program, which I've learned a lot about maintaining and investigation techniques for roads and bridges.

Research

The main objective of my research is to develop pavement deterioration models based on roughness for Laos National Roads network, the developed models help for;

- Eliminating expenses for obtaining and analyzing field Data.
- Helping decision maker for planning, setting priorities for maintenance and rehabilitation of deterioration roads.

Prospect

After graduation, I'll come back to Egypt and establishing a new diploma/short term training courses in ENIT about Road and bridge asset Management, as well as developing new prediction models for pavement deterioration and transferring new technologies for data collection and inspection to GARBLT(General Authority for Road Bridge and Land Transport).

Daily life

I've visited many prefectures in japan like Tokyo, Osaka, Nagoya, and Fukuoka. Also I used to participate in many outdoor activities like swimming, fishing, jogging. I'm so happy to lose weight 12Kg.



Mr. Amores Vincent
Andrew Dayag



Philippines

Affiliation : Department of Public Works and Highways

University : University of the Ryuky(M.D)

Duration : 2019.4-2021.3



I love exploring places with my friend. We enjoyed the snow during the warm winter last year.



The changing seasons also provide balance between research and recreation.

Reason for applying

Through this program, I want to learn infrastructure maintenance of Japan which can help the Philippines.

Research

My research focuses on steel bridges. I am studying the effect of corrosion on friction joints as well as the distribution of pressure due to wind load. Additionally, I am trying to transcribe the “*Anti-corrosion Manual of Steel Bridges in Okinawa*”.

Prospect

I plan to share the details and results of my research with my superiors and colleagues in the Philippines.

Daily life

For more than a year, I have been trying to learn Nihongo during rest days. しかしながら、漢字が難しいので、今でもまだあまりうまく使えません。