



Online

Knowledge Co-Creation Program (Group and Region Focus)

Road Administration

This brochure is intended to provide a clearer understanding of the program content of this course in particular. Please refer to the separate GI (General Information) for detailed application requirements and conditions.




Course Period:

Group A: December 6 - December 10, 2021

Group B: December 13 - December 17, 2021





Why road network development
is necessary ?

What are the effects of road
network development on
economic growth and
improvement of social welfare?

Gain insight to practical knowledge about
road administration, which are
indispensable to promising leaders from the
experts of Japan.

Outline

This program is designed for middle-level technical officers at central or local governments or government-related organizations responsible for road administration.

It consists of online lectures, exercises and discussions focusing on practical knowledge about road administration, which are indispensable to promising leaders.

During the Program, participants will make a road network plan for a certain area in the exercise and discuss it with Japanese professionals and other participants.

All sessions are carried out in English.

The period of the program :

Group A: December 6-
December 10, 2021

Group B: December 13-
December 17, 2021

Course Capacity:

15 participants



JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in February 2015, stated that “In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.” We believe that this ‘Knowledge Co-Creation Program’ will serve as a foundation of mutual learning process.

For What?

Background

Since roads are indispensable infrastructure that directly affects people's daily lives and industrial activities, there are enormous needs for road development in many of the rapidly developing countries, where "road infrastructure gap" exists between its demands and supplies.

Road development employs wide range of technology and expertise in order to plan efficient and effective road network securing traffic safety, smoothness and comfortable accessibility considering the urban/regional environment and traffic/roadside situation.

Objectives

Capacity development of middle-level technical officers in charge of road planning, construction, operation and maintenance.

To Whom?

Job Areas and Organizations

This program targets staffs of mid-level technical officer in charge of road administration in central and local governments or government-related organization and expected to be assigned to the leading position in near future,

The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.

Targeted Countries

Afghanistan, Benin, Ecuador, Ethiopia, India, Indonesia, Iran, Kyrgyz, Liberia, Malawi, Mozambique, Pakistan, Philippines and Timor-Leste

To be divided into 2 groups as shown below upon the time zone.

Group A: Asia and Latin America; Ecuador, India, Indonesia, Kyrgyz, Philippines, Timor-Leste

Group B: Asia, Middle East and Africa; Afghanistan, Benin, Ethiopia, Iran, Liberia, Malawi, Mozambique, Pakistan

Participants who have successfully completed the program will be awarded a certificate by JICA.



When?

Online Program Period



Group A:
December 6 to December 10, 2021
Group B:
December 13 to December 17, 2021

Online Session

All participants will be connected via Zoom in following time zones.

Group A:

- Japan 11:00-15:00
- Timor-Leste 11:00-15:00
- Philippines 10:00-14:00
- Indonesia 9:00-13:00
- Kyrgyz 8:00-12:00
- India 7:30-11:30
- Ecuador 21:00-1:00*

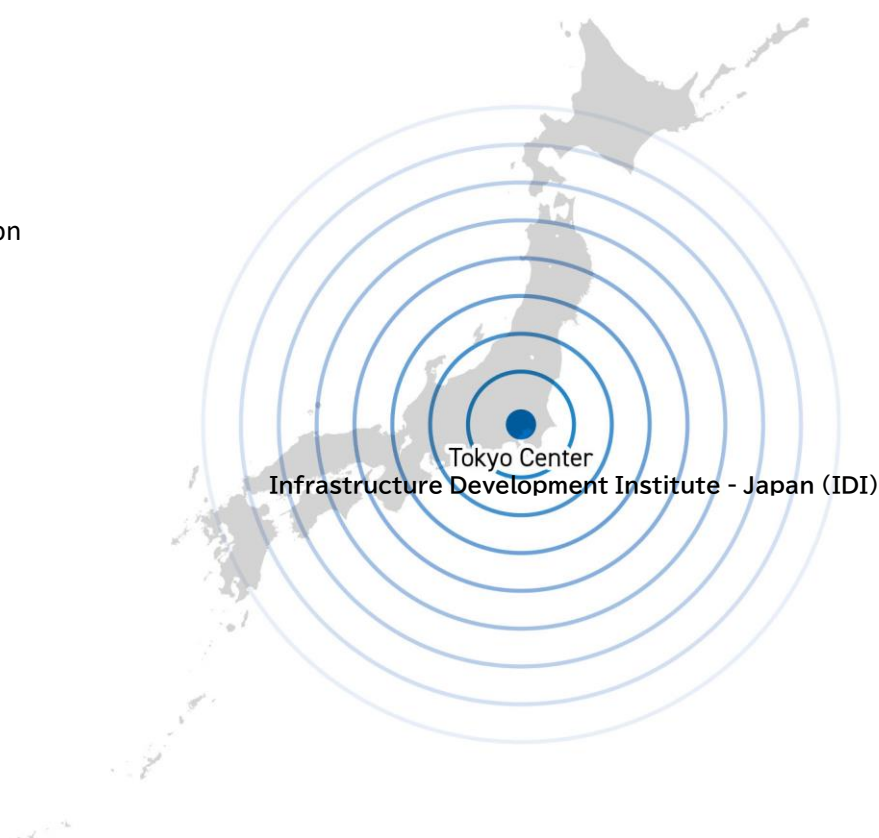
*Program content will be followed on demand.

Group B:

- Japan 18:00-22:00
- Pakistan 14:00-18:00
- Afghanistan 13:30-17:30
- Iran 12:30-16:30
- Ethiopia 12:00-16:00
- Malawi 11:00-15:00
- Mozambique 11:00-15:00
- Benin 10:00-14:00
- Liberia 9:00-13:00

Where?

This course is carried out totally online, organized by JICA Tokyo Center and Infrastructure Development Institute - Japan (IDI). You will receive essential reading materials for your self-study at your office or home. As the entire program will be conducted using the online conference tool Zoom, you are required to have a certain IT environment.



How?

How to Learn

- Self-Study
- Interactive Q&A Session
- Lectures
- Exercise
- Discussions
- Presentations



The entire program will be conducted online.

Language

English

Commitment to the SDGs



Program Structure

【Group A: Asia and Latin America】

Day0	November, 2021	Connection Test
Day1	December 6, 2021 Program Orientation	Greetings, Confirmation of Precautions, Introduction of People Involved
	Lecture	Road Administration in Japan Institutional framework, road classification, toll road system, brief history of road network development and current topics.

		Lecturer: Ministry of Land, Infrastructure, Transport and Tourism
	Lecture	Road Network Development in Japan History of Road Network Development of Japan: How Japan developed its modern road network starting from the aftermath of WWII. Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Effect of Road Network Development <i>"Why road network development is necessary. What are the effects of road network development on economic growth and improvement of social welfare."</i> Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Financing of Road Development <i>"How did you plan and secure your financial resources?"</i> Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day2	December 7, 2021	Road Network Planning
	Lecture	Necessity of road network plan, classification of roads, contents, process and outcome of road network planning Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Road Planning and Design 1: Flow of road planning and design, selection of road class, geometric design Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Road Planning and Design 2: Plannd traffic volume and number of lanes (road width), Road Class and Design Standard Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.

	Lecture	Road Design 3: Road Design Theory Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day3	December 8, 2021 Lecture	Road Maintenance and Management Lecturer: Dr. Motoya Yamasaki, Professor, Tokyo University of Agriculture Faculty of Regional Environment Science Department of Landscape Architecture Science
	Lecture	Land Acquisition: Resettlement, and Consensus Building with Residents Lecturer: Mr. Kenji Ogura, Director, International Projects, Hanshin Expressway Co., Ltd.
Day4	December 9, 2021 Exercise & Discussion	Exercise on Road Network Planning Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day5	December 10, 2021 Lecture	Traffic volume and congestion, other topics Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Discussion	Discussion and Knowledge Co-creation
	Closing Ceremony	Wrap-Up Session

*Please note that the schedule is tentative and subject to changes.

【Group B: Asia, Middle East and Africa】

Day0	November, 2021	Connection Test
Day1	December 13, 2021 Program Orientation	Greetings, Confirmation of Precautions, Introduction of People Involved
	Lecture	Road Administration in Japan Institutional framework, road classification, toll road system, brief history of road network development and current topics. Lecturer: Ministry of Land, Infrastructure, Transport and Tourism

	Lecture	Road Network Development in Japan History of Road Network Development of Japan: How Japan developed its modern road network starting from the aftermath of WWII. Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Effect of Road Network Development <i>"Why road network development is necessary. What are the effects of road network development on economic growth and improvement of social welfare."</i> Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Financing of Road Development <i>"How did you plan and secure your financial resources?"</i> Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day2	December 14, 2021	Road Network Planning
	Lecture	Necessity of road network plan, classification of roads, contents, process and outcome of road network planning Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Road Planning and Design 1: Flow of road planning and design, selection of road class, geometric design Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Lecture	Road Planning and Design 2: Plannd traffic volume and number of lanes (road width), Road Class and Design Standard Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.

	Lecture	Road Design 3: Road Design Theory Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day3	December 15, 2021 Lecture	Road Maintenance and Management Lecturer: Dr. Motoya Yamasaki, Professor, Tokyo University of Agriculture Faculty of Regional Environment Science Department of Landscape Architecture Science
	Lecture	Land Acquisition: Resettlement, and Consensus Building with Residents Lecturer: Mr. Kenji Ogura, Director, International Projects, Hanshin Expressway Co., Ltd.
Day4	December 16, 2021 Exercise & Discussion	Exercise on Road Network Planning Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
Day5	December 17, 2021 Lecture	Traffic volume and congestion, other topics Lecturer: Mr. Tatsuyuki Sakurai, Technical Advisor, Katahira and Engineers International Inc.
	Discussion	Discussion and Knowledge Co-creation
	Closing Ceremony	Wrap-Up Session

*Please note that the schedule is tentative and subject to changes.

Messages from Couse Leader

Mr. Tatsuaki Sakurai

Technical Advisor, Katahira and Engineers International Inc.



Colleagues, are you having problems for improvement of road network of your country?
Is the problem you are annoyed planning, implementation, or fund?

This knowledge sharing program of JICA presents practical strategies/measures that Japan adopted in developing the modern road network which supported economic growth as well as improving convenience of citizens' life.

I believe you will find some hints for solving your problem in this Program.



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Correspondence

For enquiries and further information, please contact the JICA office or Embassy of Japan.

Further, address correspondence to:

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TEL: +81-3-3485-7652

("81" is the country code for Japan, and "3" is the local area code)