

Name of Organization	Waterworks Bureau, City of Sapporo
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Name of Activity	JICA Knowledge Co-Creation Program "Comprehensive Engineering on Water Supply Systems : Practical Training for Water Supply System(B)"
Implementation Period	8 August - 30 September, 2022
Main Organizer	JICA Hokkaido, Sapporo Waterworks Bureau, Sendai City Waterworks Bureau, etc.
Outline and Objectives	<p>This course aims to develop engineers who can play a leading role in the operation of water supply facilities or water supply business in order to solve the problems they are facing in their water supply business.</p> <p>It is designed for mid-career waterworks engineers from developing countries, and includes lectures on all aspects of waterworks technology, site visits, and practical training over a period of about two months.</p> <p>Due to the effect of COVID-19 pandemic, the program was conducted online in FY2022.</p> <p>[Main programs of this training course]</p> <ul style="list-style-type: none"> •Waterworks Planning (video material) •Operation and Management of WPP (video material) •Jar Test (video material) •Water Quality Management (live streaming) •Distribution Pipe Installation Plan (video material) •Leak Prevention (video material) •Water Demand Forecasting (video material) •Water Charge System (video material) •Discussion (live streaming) •WPP Field Trip (VR material) •Q&A session for training materials (live streaming) •Guidance on making action plan (live streaming), etc.
Target (Cooperator) Countries	Samoa, Bhutan, Bangladesh, Sri Lanka, India (6 trainees total)

Group photo at the closing ceremony



Name of Organization	Waterworks Bureau, City of Sapporo
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Name of Activity	JICA Partnership Program: Project to systematize water supply and Distribution system Management in Pokhara, Nepal
Implementation Period	Feb 2022 - Jan 2025
Main Organizer	Sapporo Waterworks Bureau, JICA Hokkaido, Sapporo water service association, etc.
Outline and Objectives	<p>【Outline】 The project aims to train Nepalese engineers and enable them to systematically perform leakage response and water quality management tasks in a model district in Pokhara, Nepal. For the first year and a half of the project period, we will conduct online trainings and discussions using online meeting tools. After that, we plan to travel back and forth between each other's countries to conduct practical training and site visits.</p> <p>【Project purpose】 The necessary tasks for maintaining and managing the quality and quantity of water supply are carried out systematically and continuously.</p> <p>【Activities in FY2022】 •Online survey of the current situation (using the survey form created in FY2021) •Creation of video materials (by Sapporo Waterworks Bureau staff) •watching video materials (Nepalese engineers watched video materials uploaded on YouTube) •Responding to questions about the video materials (connected in real time via Zoom)</p>
Target (Cooperator) Countries	Nepal (Nepal Water Supply Corporation)

Photos



【Online Discussion】



This section introduces the water leak prevention system and work in Sapporo.

【A scene from teaching video materials】