

Name of Organization	<b>Fukuoka City Waterworks Bureau</b>
----------------------	---------------------------------------

Name of Activity	JICA Technical Cooperation Project: Project for Capacity Development of Non-Revenue Water Reduction in Nadi and Lautoka Area
Implementation Period	May 2023 – July 2026
Main Organizer	JICA, Nihon Suido consultants, Yachiyo Engineering, Fukuoka City Waterworks Bureau
Outline and Objectives	<p>■ <b>Summary/Purpose</b></p> <p>In Nadi and Lautoka area located in the western part of the Republic of Fiji, NRW ratio is as high as 48% and water demand is expected to increase with population growth. It is necessary that the area keeps water supply by reducing NRW and Water Authority of Fiji enhances its NRW management capability. Due to the background, JICA is conducting this technical cooperation project, and Fukuoka City Waterworks Bureau participates in the project as a short-term expert and provides technical advice.</p> <p>■ <b>Activities</b></p> <p>One staff was dispatched to Fiji as a short-term expert in fiscal year 2023 to provide technical advice for NRW management.</p>
Target (Cooperator) Countries	Water Authority of Fiji, Republic of Fiji

photos



Name of Organization	<b>Fukuoka City Waterworks Bureau</b>
----------------------	---------------------------------------

Name of Activity	JICA Group and Region Focused Training: Non-Revenue Water (NRW) Management (Leakage Control)
Implementation Period	Online program: October 4, 2023 – October 13, 2023 Course in Japan: October 23, 2023 - November 10, 2023
Main Organizer	JICA
Outline and Objectives	<p>■ <b>Summary/Purpose</b></p> <p>Developing countries tend to have a higher rate of NRW due to a shortage of waterwork engineers. By accepting their officers as JICA Group and Region Focused trainees, and transferring Fukuoka City's expertise and techniques on waterworks, Fukuoka City contributes to improve those countries' water supply environment. In addition, these aims to develop the capability of the engineers in Fukuoka City through international cooperation activities and to improve their technical standards by accumulating activities.</p> <p>The course program in fiscal year 2023 was a mixture of online and in-person training in Japan. While online training had on-demand lectures, in-person training in Japan had some site visits and exercises.</p> <p>■ <b>Activities</b></p> <ul style="list-style-type: none"> <li>• Lectures: water supply in Fukuoka city; NRW management, water leakage prevention; design, construction and maintenance of distribution pipe; and human resource development, and so on</li> <li>• Site visits: construction site of distribution pipe, meter instrumental error test, sea water desalination institution, and customer center, and so on</li> <li>• Exercises: NRW reduction training at technical training center</li> <li>• Support: creating action plans</li> </ul>
Target (Cooperator) Countries	Djibouti (1 person), Honduras (1 person), Kiribati (1 person), Laos (1 person), Nicaragua (2 person), Solomon Islands (1 person), Timor-leste (1 person)

photos

