

1. Technology 3.1 The Middle East and Africa Region
2. Project Name 3.1.42 Project for supporting the online training on the seawater desalination technology for NWWEC in Iran
3. Keyword Iran, Seawater Desalination , Technical guidance
4. Objectives This project is aimed at supporting “the training of staff engaged in seawater desalination projects in Iran, mainly for National Water and Wastewater Engineering Company (NWWEC),” which is organized by Japan Cooperation Center for the Middle East.
5. Contents/Results The training was held online. The objective of this training is to support personnel development for improving the capabilities of efficiently operating, maintaining, and managing seawater desalination plants by utilizing Japanese technologies and know-how, and develop an environment in which Japanese enterprises will be able to operate business in Iran. Water Reuse Promotion Center supported the production of reference material for a lecture, the lecture (video recording), preparation of answers to questions after video streaming, etc. The lecture was focused on the following items: (1) Outline of seawater desalination technologies (mainly the RO membrane method) (2) Operation and management of plants (3) Intake and pretreatment of seawater (4) Brine (seawater concentration) and post-treatment (5) New desalination technologies We prepared the reference material for the lecture and streamed the video of the lecture online on September 30. After streaming the video in Iran, we received 29 questions and prepared answers.
6. Reference This project was commissioned by Japan Cooperation Center for the Middle East (JCCME).