

Topics Fukushima

May 12, 2021 No.103

FaCE!S



Fukushima Comprehensive Environmental Information Site
URL:<https://fukushima.jaea.go.jp/ceis/>

Efforts to transmit investigation/research results in easy-to-understand way

The “Fukushima Comprehensive Environmental Information Site” was renewed to friendly design incorporating latest knowledge.

The Collaborative Laboratories for Advanced Decommissioning Science (CLADS), Sector of Fukushima Research and Development, Japan Atomic Energy Agency (JAEA) significantly renewed the “Fukushima Comprehensive Environmental Information Site (abbreviation: FaCE!S)” which summarizes the investigation/research results together with the explanation about the environmental restoration of Fukushima. The FaCE!S was published on the Homepage of the Sector of Fukushima Research and Development on March 31, 2021.

The FaCE!S is composed of the following two sites.

- ① “What would you like to know about Fukushima NOW and FUTURE? - Base Information Q&A Site -” where the knowledge obtained by the investigation/analysis is explained in the question-and-answer form.
- ② “Database for Radioactive Substance Monitoring Data” that is a database of various kinds of radiation monitoring which has been obtained.

In the renewed version of the FaCE!S, the latest knowledge has been included. In addition, it was renewed considering to update the contents with more friendly expression and more easy-to-understand words, based on the opinions by general public.

The followings are the introduction of the renewed contents.

◆ “What would you like to know about Fukushima NOW and FUTURE? - Base Information Q&A Site -”

This site introduces what kinds of information are shown, using intuitively expressing illustrations. As to what general public wants to know, items such as “radiation doses”, “rivers”, “measurements” are shown with markup balloons. This website is devised as follows. When a user clicks a balloon, the website jumps to the corresponding one of the 5 Question-and-Answer Sites, such as “Radioactivity and Air Dose Rate”, “Radioactivity Dynamics in River System”, and “Assessment of Exposure Dose”. Thereby, the users can read the explanations which they wanted to know. Since the latest knowledge obtained by research is generally published in scientific papers, reports, and conference proceedings, based on the objective peer review, a general public is hard to access these documents. In order to solve this problem, easy-to-understand “Question” is shown in the entrance of each Question-and-Answer Site. If a user wants to read original scientific papers etc., the user just clicks the “Question” to access the papers through links, so the user can obtain more specialized knowledge.



Fig. 1 Image of renewed “What would you like to know about Fukushima NOW and FUTURE? - Base Information Q&A Site -”.

◆ “Database for Radioactive Substance Monitoring Data”

The Nuclear Regulation Agency and Fukushima Prefecture publish various data related to the accident of the Fukushima Daiichi Nuclear Power Station (1F), Tokyo Electric Power Co., Inc. The published data are; 1) air dose rates in Fukushima Prefecture and the neighboring prefectures, and 2) analytical results of radioactive-material concentration in land soil (surface and inside of soil), sea (seawater and sediment), rivers (river water and sediment), underground water, and foods (agricultural, forestry, livestock, and fishery products). In this site, these data are collected, and the large amount of data is visualized in easy-to-understand way so that general public can directly understand the data. In addition, in order to support the analysis of the distribution of radioactive materials and their temporal changes, geographical information that affects these analysis data such as height above sea level, soil, vegetation, land use and snowfall, is also published.

Up to now, data obtained by the government, prefectures etc. have been displayed for each survey. Now, the display is being reformed to simultaneously present various kinds of information, such as investigation items and data (for example, data for fixed point measurements and car-borne survey). In addition, it is being changed so that users can select/search measurement places and expand/contract images.

The renewed version of this site is now tentatively released, and the full-scale operation will start in October 2021 (Now, this renewed version can be viewed from the top page of the current website.)



Fig. 2 Image of “Database for Radioactive Substance Monitoring Data”

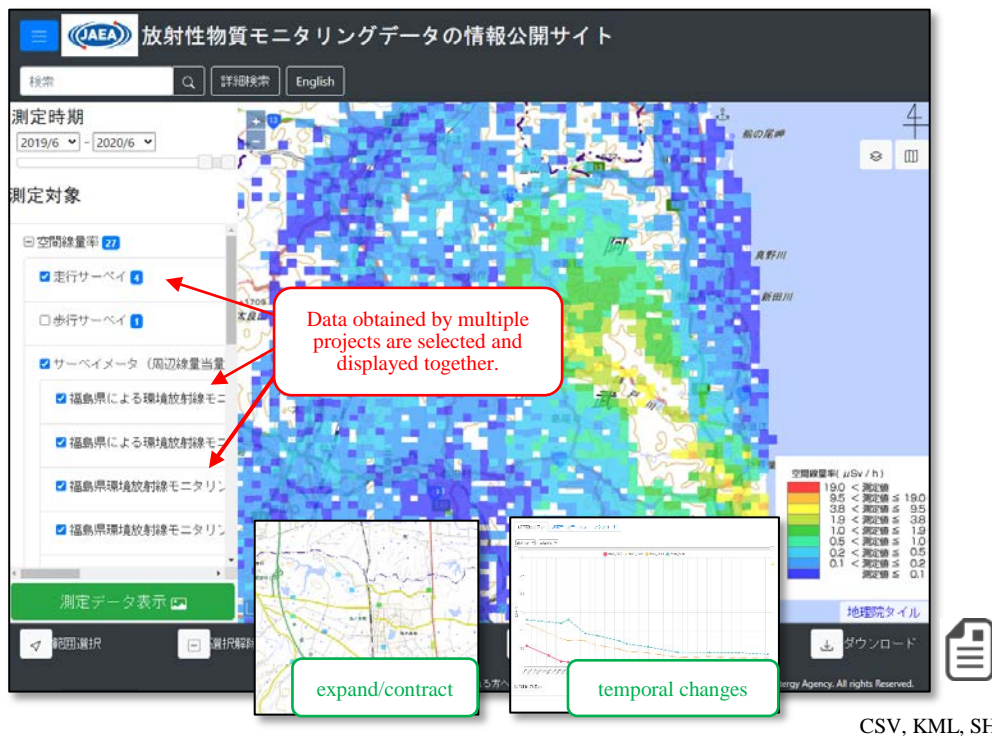


Fig. 3 Image of “Database for Radioactive Substance Monitoring Data” (under renewal).

◆ Future plan

We aim for releasing easy-to-understand and user-friendly site. For this purpose, we will continue to include latest research results and data. Up to now, the site has presented the investigation/research results related to the environmental restoration such as environmental dynamics and radiation environmental monitoring. In addition, in order to let you know the JAEO’s further contribution to the 1F decommissioning, we plan to widely present the decommissioning technology as well. Thereby, we intend to enhance the contents of the information to be presented.

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