

Organizing information people want to know in hierarchical form, and releasing it on the website

What is the current status of radioactive materials?

To what extent are the effects of radiation exposure?

To what extent do radioactive materials in forests and rivers move?

Recently, the Japan Atomic Energy Agency (JAEA) hierarchically organized the knowledge that people in Fukushima Prefecture and elsewhere want to know regarding radioactive materials. The aim is to respond to worries about radiation and radioactive materials, such as: What is the current status of radioactive materials? To what extent are the effects of radiation exposure? And to what extent do radioactive materials in forests and rivers move? The summary of the knowledge has been open in Q&A form on website of JAEA.

<http://fukushima.jaea.go.jp/QA/> (Japanese only, English version is in preparation.)

Radioactive materials were dispersed into the environment due to the accident at the Fukushima Daiichi Nuclear Power Station. Five years have passed since this accident, and the air doses in living areas have been steadily decreasing due to decontamination measures, attenuation due to the half-lives of radioactive materials, and the effects of rain and wind. The government plans to lift the evacuation orders for most areas except for "difficult-to-return zones" by March, 2017.

The Japan Atomic Energy Agency (JAEA) has been investigating how radioactive materials and air dose rates are distributed in the environment, and how radioactive materials move or stay in forests and rivers. JAEA has also been investigating how radioactive materials remaining in living areas induce radiation exposures, and how they affect human body.

In addition, in order to respond to residents' worries about radiation and radioactive materials towards returning home, JAEA has organized the information obtained through these efforts and

Findings obtained through research on environmental dynamics, etc.

In order to respond to residents' worries about radiation and radioactive materials towards returning home, JAEA has organized scientific findings obtained through environmental dynamics research and other studies in a hierarchical Q&A format.

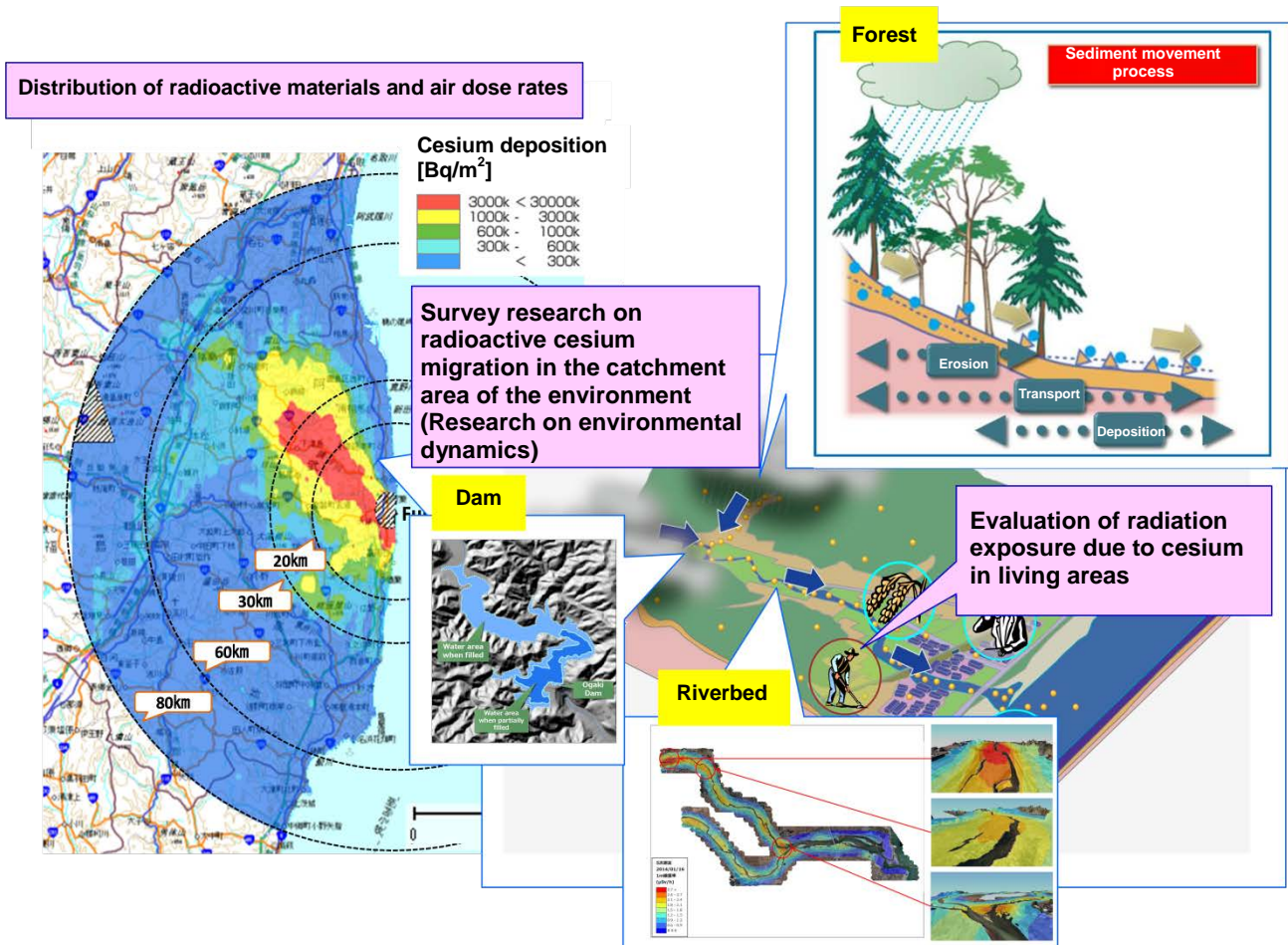
- Radioactive materials and air dose rate
- Exposure dose evaluation
- Environmental dynamics research

Please select the information you would like to view

Sample image from home page

scientific findings based on appropriate judgment.

The following figure summarizes these findings in a single picture.



In order to explain these findings in a more easy-to-understand way, we arranged the questions raised by general public as follows.

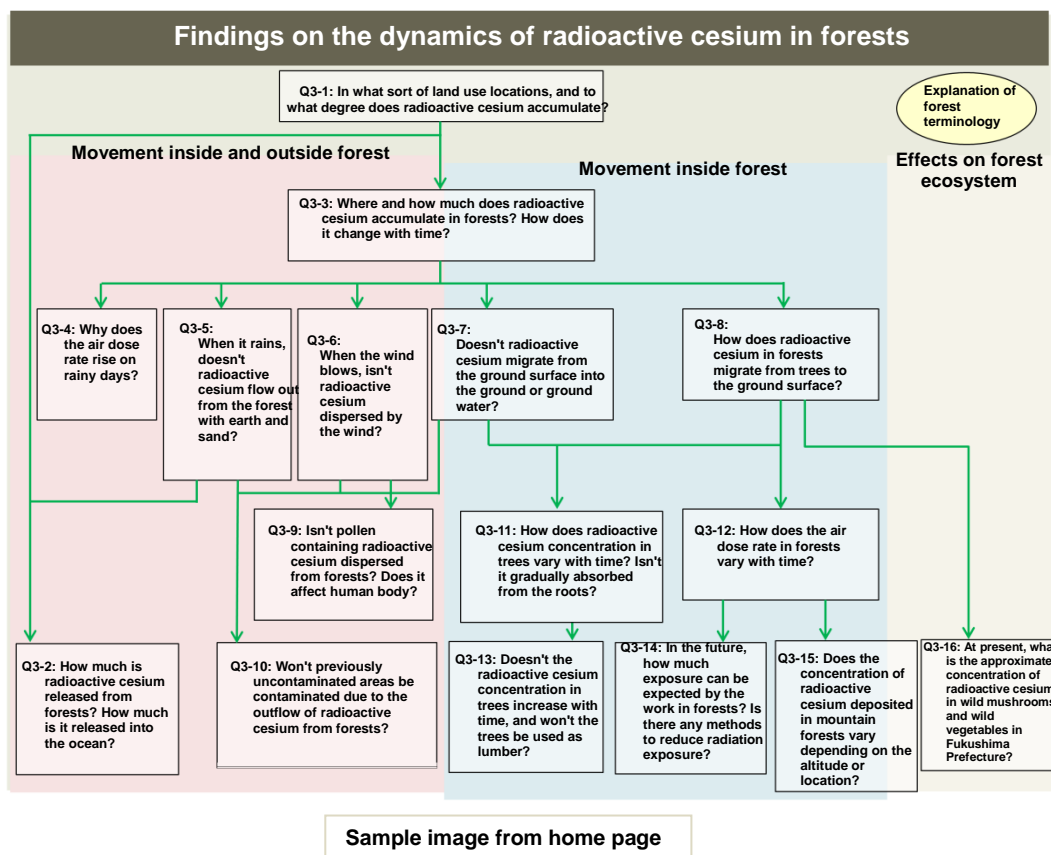
- Q1** Findings on the distribution of radioactive materials and air dose rates
- Q2** Findings on evaluation of radiation exposure
- Q3,4** Findings obtained through environmental dynamics research (forests, river systems)

Q3 summarizes the questions about how radioactive materials are moving or staying.

For example, if a user wants to learn about the behavior of radioactive materials in forests,

- (1) Click <http://fukushima.jaea.go.jp/QA/>
- (2) Then, click "Environmental Dynamics"
- (3) Then, click "Forests" on the next page.

Then following figure shows up.



In this way, the website provides knowledge to suit user's needs in a hierarchical Q&A format. JAEA plans to provide up-to-date information on this website for better understanding by constantly renewing the contents.

TOPICS Fukushima No. 73

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