



**IRPA**  
INTERNATIONAL  
RADIATION  
PROTECTION  
ASSOCIATION



EDF Radiation Protection Council

# FUKUSHIMA: 10 YEARS ON

## AN UPDATE ON THYROID ULTRASOUND EXAMINATIONS AND HEALTH MONITORING PROGRAM OF EVACUEES AND AFFECTED POPULATION



On 11 March 2011 at 2:46 pm, a magnitude 9 earthquake in the North Pacific Ocean set off a tsunami on the East coast of Japan, flooding 500 km<sup>2</sup> of land, and resulting in 20,000 deaths.

At the coastal Fukushima Daiichi nuclear power plant, which had 6 reactors, the 15-metre wave disabled the emergency diesel generators, seawater cooling pumps and power supply systems, of 3 reactors, leading to very considerable radioactive releases in the following days.

80% of the radioactive fallout occurred in the coastal area, mostly in regions less than 30km from the plant, on a strip of land extending more than 40km towards the North-West. Successive evacuations were carried out, first in a 3km radius, then a 10km radius and then a 20km radius of the plant. In the year following the accident, 164,865 people were evacuated in and out of the Fukushima area. The Fukushima Health Management Survey program targeting different groups of Fukushima residents has been carried out since June 2011.

Three Japanese professors of medicine associated with French experts in Radiation Protection have agreed to provide an update through a webinar organized by IRPA and the EDF Radiation Protection Council regarding:

### Thyroid ultrasound examinations and health monitoring program of evacuees and affected population

## > WEBINAR ON TUESDAY 6 APRIL 2021

**FRANCE**  
11 am to 1 pm CET

**JAPAN**  
6 pm to 8 pm

**USA East Coast**  
5 am to 7 am

## PARTICIPANTS

### Prof. Shunichi Yamashita Vice-President

MD, PhD - Fukushima Medical University, Director General, Center for Advanced Radiation Emergency Medicine, National Institutes for Quantum and Radiological Science and Technology, Chiba, Professor Emeritus, Nagasaki University

The thyroid consequences of the Fukushima accident with an update on the follow-up study of children and adolescents

### Prof. Aya Goto

MD, MPH, PhD - Professor of Health Information and Epidemiology Center for Integrated Science and Humanities Fukushima Medical University

Overview of the main challenges for the health professional to accompany the local population with regard to social and psychological problems following the accident

### Prof. Martin Schlumberger

MD - Professor emeritus of oncology at University Paris Saclay and past-chair of endocrine oncology and nuclear medicine department at Institut Gustave Roussy, Villejuif, France

Interpretation of the thyroid cancer incidence and its variations in the adults and children

### Dr Thierry Schneider

PhD - Nuclear Protection Evaluation Centre (CEPN) Director

Support for local populations following the Fukushima accident: some lessons for post-accident management

### Dr Bernard le Guen

MD, PhD - President of the International Radiation Protection Association (IRPA), Radiation Protection and Health senior fellow expert for the EDF group

Chair of the webinar

### Prof. Koichi Tanigawa

MD, PhD - Director, Futaba Medical Center, Fukushima Prefecture Specially-Appointed Professor, Fukushima Medical University Professor Emeritus, Hiroshima University

Health issues of the affected population after the Fukushima Daiichi Nuclear power plant accident

Hokusai : The great wave



**REGISTRATION:** please follow the link

<https://onlinexperiences.com/Launch/QReg/ShowUUID=DD518263-2D4D-4FBF-B435-1509EDC37F67>