

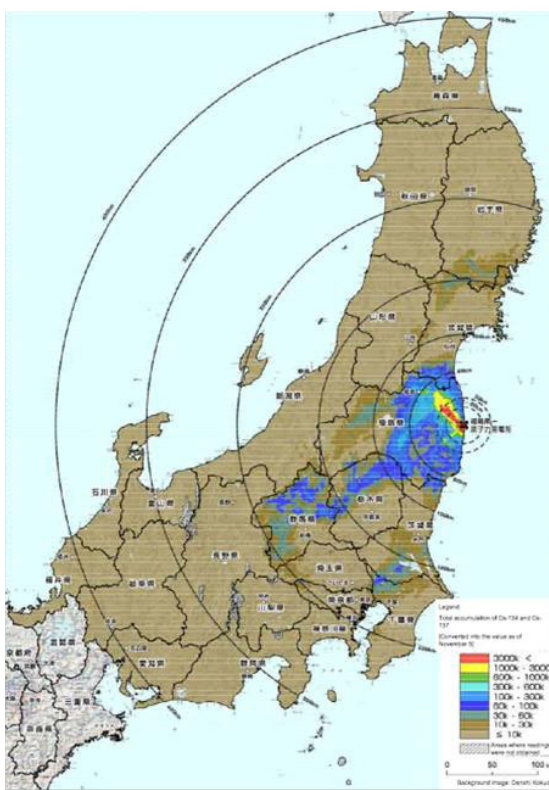
Am Freitag, den 16. November 2012, 14.00 Uhr s.t., spricht

Prof. Dr. Ryugo S. Hayano

(Physics Department, University of Tokyo)

im Hörsaal des Forschungszentrums Jülich über das Thema

Fukushima-Daiichi Nuclear Power Plant Accident – Internal and External Exposure of Fukushima Citizens



Total deposition of Cs-134 and Cs-137 in the ground surface throughout all of East Japan, reflecting the results of airborne monitoring.

The Fukushima Daiichi NPP accident of March 2011 heavily contaminated the Fukushima soils by radioactive cesium (see figure).

Past experiences show that people living in such regions become internally contaminated due to cesium ingestion, and hence we must take all necessary measures to reduce the risks to people.

In order to clarify the situation, I proposed in the summer of 2011 to measure the cesium concentrations of school lunch. The project is now funded by the ministry of education, and has shown that school lunch served in Fukushima (and elsewhere) is practically cesium free.

I am also helping several hospitals in Fukushima in assessing the ¹³⁴Cs and ¹³⁷Cs body burdens with whole-body counters. We have so far measured some 50,000 people, and have shown (quite surprisingly) that >99% of Fukushima citizens have no detectable-level of radioactive cesium in their bodies.

In the colloquium, I will briefly discuss the sequence of events following the earthquake, various monitoring results, food screening procedures and results, followed by a preliminary estimate of radiation doses to the public.

Zu diesem Vortrag erlaube ich mir, Sie herzlich einzuladen.

Prof. Dr. Dr. h.c. H. Ströher

Im Namen des Wissenschaftlich-Technischen Rates des Forschungszentrums Jülich

Kolloquium