## An assessment on the transportation of artificial radionuclides arising from the Fukushima Nuclear Accident to Hong Kong

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## **Meteorological analysis and trajectories**





ZAMG

Dates of first detection of <sup>131</sup>I from airborne particulates originating from the Fukushima nuclear accident as detected by various places over Asia



## FLEXPART simulation of the spread of <sup>131</sup>I activity concentration over the western North Pacific and eastern Asia between 13 and 29 March 2011



(Source Term: Chino et al. (2011))



## The probable pathway for the first arrival of <sup>131</sup>I in Hong Kong arising from the Fukushima Nuclear Accident





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