

## Session: T1.3

*Thursday, 29 June 2017 18:00 (4 hours)*

Topic 1.3 Atmospheric and Subsurface Radionuclide Dispersion and Depletion

T1.3-P1 Assessment of Radionuclides Dispersal in Seawater from Fukushima Disaster to the Coastline of Vietnam

T1.3-P2 (Y) Atmospheric Dispersion of Radionuclides Originating from Hypothetical Accidents in Turkish Nuclear Power Plants

T1.3-P3 Atmospheric Transport Modelling for the Radionuclides Detection of Northeast Asia in 2010

T1.3-P4 Atmospheric Transport Model Applied to the Design of Medical Isotope Production Facilities

T1.3-P5 (Y) Capability of HYPPLIT Dispersion Model in Fukushima Disaster

T1.3-P6 Comparison of Atmospheric Transport Models (ATM) Used in Decision Support in the Framework of the Austrian Radiological Emergency Response Preparedness

T1.3-P7 (Y) Evaluation of the Inline WRF-HYSPLIT Model for Mesoscale Atmospheric Transport and Dispersion

T1.3-P8 Gas-Magma Interactions in Nuclear Cavities and Their Effects on the Xenon Isotope Ratios

T1.3-P9 (Y) Generation of EURDEP Exercise Data Using Existing Modelling Tools

T1.3-P10 Geologic Control on Noble Gas Migration

T1.3-P11 Impacts of Eruptions of Volcanoes Around Korean Peninsula: Simulation for Hypothetic Eruptions by Using LADAS-VA Model

T1.3-P12 Improved Evaluation of Atmospheric Flow and Transport over Complex Terrain at Multiple-Scales with Uncertainty

T1.3-P13 Influence of Resolution on the Performance of FLEXPART with ECMWF Data in the ATM Challenge 2016

T1.3-P14 Influence of Small-Scale Radionuclide Sources on the Background Levels at CTBT IMS Monitoring Stations

T1.3-P15 Intercomparison Study Between Different Types of Models for the Dry Deposition of I-131

T1.3-P16 La-140 and Ba-140 Background from IMS Particles Stations

T1.3-P17 Monitoring of Naturally Occurring Radionuclides in Paleobeach Groundwater Aquifers in Cox's Bazar, Bangladesh, For Up To 3 Years: Insight into Formation Mechanism

T1.3-P18 (Y) Non-Equilibrium Model of Multi-Phase Radionuclide Transport in Lake Water-Sediment System

T1.3-P19 Performance Assessment of the High-Resolution Atmospheric Transport Model at the IDC of the CTBTO

T1.3-P20 (Y) Sorption of Noble Gases in Porous Media and the Impact on Nuclear Explosion Signatures

T1.3-P21 Sources and Concentrations of Cs-137 in Kuwait