

Pre-nominated Session FM9

Environmental fluid dynamics

Co-Chair(s): H.E. Huppert (UK)
 R. Narasimha (India)

Paper ID	Title	Authors
FM9L_10366	The Growth and Structure of Double - Diffusive Cells Adjacent to a Side - Wall in a Salt - Stratified Environment	O. M. Phillips, L. Malki - Epshtein, H. E. Huppert
FM9S_10467	Flow and Dispersion in the Atmospheric Boundary Layer Investigation by Physical Modelling	Zbynek Janour, Klara Bezpalcova, Zdenek Zelinger
FM9S_10576	Experiments on Up - slope to Down - slope Transition in an Inclined Box Filled with Water	K. Dekajlo, T. A. Kowalewski, H. J. S. Fernando
FM9S_10733	Analysis of Double - Free Surface Flow through Gates Using Element - Free Galerkin Method	Farhang Daneshmand, Mohammad.J. Kazemzadeh - Parsi
FM9L_11164	Free Surface Behavior in Turbulent Open - Channel Flows	Hitoshi Miyamoto, Kenji Shimoyama
FM9L_11182	Integral and Laboratory Modelling of Sedimentation from Turbulent Buoyant Jets	Gregory F. Lane-Serff
FM9S_11294	Modified Shallow Water Equations for Inviscid Gravity Currents	Falin Chen, A. C. Ruo
FM9S_11346	Dam - Break Flow for Arbitrary Slope of the Bottom	R. Fernandez - Feria
FM9S_11433	Extended Nonlinear Theory for Topographic Rossby Waves	Oksana E. Poloukhina, Andrey A. Kurkin
FM9S_11703	The Propagation of Viscous Gravity Currents over a Rigid Conic Surface	A. A. Osipov, A. A. Barmin, O. E. Melnik
FM9L_12072	An Alternative Model for "Pingo" Formation in Permafrost Regions	James G. A. Croll
FM9S_12099	Fast Ferry Traffic as a New Forcing Factor of Environmental Processes in Non-Tidal Sea Areas	Tarmo Soomere

FM9S_12266	Dynamics of Separation Zone behind the 2D Hill in Oscillating Incident Wind.	Alicja Jarza, Jaroslaw Ciechanowski
FM9S_12270	Effects of Curvature in Avalanche Deflecting Dams	Arne Moe, Fridtjov Irgens, Ulrik Domaas, Carl Bonnevie Harbitz
FM9S_12396	Lobe and Cleft Formation at the Head of a Gravity Current	J. N. McElwaine, M. D. Patterson
FM9L_12410	Experimental and Numerical Simulation of Dense Water Overflows on a Continental Slope	Sabine Decamp, Joel Sommeria
FM9S_12592	High Resolution Modelling of Atmospheric Flow over Southern Poland	Jakub Krawczyk, Miroslaw Andrejczuk, Zbigniew Piotrowski, Joanna Struzewska, Bogumil Jakubiak, Szymon Malinowski
FM9L_12626	Formation and Rapid Expansion of Double Diffusive Layering in Lake Nyos	Alfred Wuest, Martin Schmid
FM9S_12738	Joint Urban 2003 Surface Energy Budget Measurements and Analysis	J. E. Holeman, M. Princevac, S. Grossman - Clarke, S. M. Lee, H. J. S. Fernando, R. Calhoun
FM9S_12980	Nocturnal Temperature Inversions Under Calm Clear Conditions: an Analytical Study	A. S. Vasudeva Murthy, Saji Varghese