

3rd International conference on Dynamics of Disasters
July 5-9, 2017, Kalamata, Greece, Conference Program



Wednesday, July 5, 2017	
9:00 am – 13:00 pm	DOD 2017 Registration, Hotel Conference Center
13:30 – 14:00 p.m.	Opening Remarks, Conference Organizers
14:00 – 14:30 p.m.	A Variational Equilibrium Network Framework for Humanitarian Organizations in Disaster Relief: Effective Product Delivery Under Competition for Financial Funds Anna Nagurney, Patrizia Daniele, Emilio Alvarez Flores, Valeria Caruso
14:30 – 15:00 p.m.	Partnerships in the Cash Transfer Programming in Humanitarian Sector Ioanna Falagara Sigala, Fuminori Toyasaki
15:00 – 15:30 p.m.	An attempt to forecast the situation with food security Fuad Aleskerov et al.
15:30 – 16:00 p.m.	The impact of freight forwarders on transportation costs and aid delivery in humanitarian logistics Timo Gossler, Tina Wakolbinger



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Thursday, July 6, 2017

9:30-10:00 a.m.	Possible oil spills in Barents Sea and their consequences Fuad Aleskerov, Sergei Demin		
10:00-10:30 a.m.	Refugees: The humanitarian logistics of a crisis situation S. Papadaki, G. Baniyas, Ch. Achillas, D. Aidonis, D. Folinas, D. Bochtis		
10:30-11:00 a.m.	Critical success factors and challenges in the implementation of International Mine Action Standards (IMAS) Blerim Tufa, Dimitris Folinas		
11:30 a.m.	Excursion to Diros Underground Caves		



Friday, July 7, 2017	
9:30-10:00 a.m.	Prepositioning Emergency Supplies to Support Disaster Relief: A Case Study using Stochastic Programming Soumia Ichoua, Walid Klibi, Alain Martel
10:00-10:30 a.m.	Modelling the Dynamics of Asset Operability and Network Flows in Interdependent Infrastructure Systems after Disruptive Events Nils Goldbeck, Panagiotis Angeloudis, Washington Y Ochieng
10:30-11:00 a.m.	Equilibrium Analysis for Common-Pool Resources Lina Mallozzi , Roberta Messalli
11:00-11:30 a.m.	Coffee break
11:30-12:00 a.m.	Integrated Trajectory Optimisation and Location-Routing Method for Rapid Medical Deliveries using Unmanned Aerial Vehicles (UAVs) Jose Escribano, Panagiotis Angeloudis, Washington Y Ochieng
12:00-12:30p.m.	A Multitiered Supply Chain Network Equilibrium Model for Disaster Relief with Capacitated Freight Service Provision Anna Nagurney
12:30-14:00p.m.	Lunch break
14:00-14:30 p.m.	Methodology for the use of coverage models for the allocation of mobile resources for forest fires extinguishing: applied case in Valparaíso, Chile Gabriela Alfaro, Pablo Escalona, Monica López-Campos
14:30-15:00 p.m.	Advances in Disaster Communications: Broadband Systems for First Responders Ladimer S. Nagurney
15:00-15:30 p.m.	The implications of the US Elections and Donald Trumps' presidency on the Middle East Denise Sumpf
19:00 p.m.	Conference Gala Dinner
Saturday, July 8, 2017	
9:00-9:30 a.m.	Dynamics of Earthquake Disaster Determinants in Romania Emil-Sever Georgescu
9:30-10:00 a.m.	Wildfire fuel management: network-based models and optimization of prescribed burning Dmytro Matsypura, Oleg A. Prokopyev
10:00-10:30 a.m.	Optimal Crew Routing Problem for Post-Disaster Service Restoration Alireza Ghasemi, Parth Pancholi
10:30-11:00 a.m.	Protecting the most vulnerable from natural disaster impact. A mapping of the role of social protection in managing disaster risk and climate change adaptation in East Asia and the Pacific Prapaporn Tivayanond Mongkhonvanit
The remainder of the day will be devoted to discussions and initiation of research collaborations.	