

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Hansen, R.	Aerial suppression penetrating an axially symmetric and upright buoyant wildfire plume	Aerial, Fire Suppression, Plume, Water, Wildfire	9, 4, 287 - 304	10.2495/SAFE-V9-N4-287-304	Hansen, R. (2019). Aerial suppression penetrating an axially symmetric and upright buoyant wildfire plume. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 287-304. https://doi.org/10.2495/SAFE-V9-N4-287-304
2	Chen, P., Xie, J.M., Yu, J.L.	Modelling adolescent pedestrian crossing decision at unmarked roadway	Adolescent Pedestrian, Cloud Model, Crossing Decision, Gap Acceptance, Rough Set, Unmarked Roadway	9, 4, 305 - 315	10.2495/SAFE-V9-N4-305-315	Chen, P., Xie, J.M., Yu, J.L. (2019). Modelling adolescent pedestrian crossing decision at unmarked roadway. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 305-315. https://doi.org/10.2495/SAFE-V9-N4-305-315
3	Garzia, F., Lombardi, M., Marsella, S., Rossi, G., Sciarretta, N., Guarascio, M.	Crowd evacuation analysis of the Papal Basilica of Saint Francis in Assisi, Italy	Crowd Evacuation, Emergency Management, Safety for Evacuation, Security for Evacuation	9, 4, 316 - 331	10.2495/SAFE-V9-N4-316-331	Garzia, F., Lombardi, M., Marsella, S., Rossi, G., Sciarretta, N., Guarascio, M. (2019). Crowd evacuation analysis of the Papal Basilica of Saint Francis in Assisi, Italy. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 316-331. https://doi.org/10.2495/SAFE-V9-N4-316-331
4	Marquardt, N., Krämer, L., Schürmann, V.	Mental preparation strategies and firefighter's performance under stress	Attentional Control, Firefighters, Imagery, Mental Preparation, Mental Readiness, Stress, Task Performance	9, 4, 332 - 343	10.2495/SAFE-V9-N4-332-343	Marquardt, N., Krämer, L., Schürmann, V. (2019). Mental preparation strategies and firefighter's performance under stress. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 332-343. https://doi.org/10.2495/SAFE-V9-N4-332-343
5	Stefan, C., Belezni, C., Erdelean, I., Hahn, M.	Image-based identification and GIS-integration of vehicle restraint systems and evaluation of safety effects	Asset Management, Database, Decision Tree, Geographical Information System, Inventory Control, Run-off-Road Crashes, Traffic Safety, Vehicle Restraint System	9, 4, 344 - 355	10.2495/SAFE-V9-N4-344-355	Stefan, C., Belezni, C., Erdelean, I., Hahn, M. (2019). Image-based identification and GIS-integration of vehicle restraint systems and evaluation of safety effects. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 344-355. https://doi.org/10.2495/SAFE-V9-N4-344-355
6	Trélat, S., Sturtzer, M.O.	Predicting explosion and blast effects: A multi-scale experimental approach	Blast Wave, Critical Infrastructure Protection, High Explosives, Scaling Laws, TNT Equivalent	9, 4, 356 - 370	10.2495/SAFE-V9-N4-356-370	Trélat, S., Sturtzer, M.O. (2019). Predicting explosion and blast effects: A multi-scale experimental approach. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 356-370. https://doi.org/10.2495/SAFE-V9-N4-356-370
7	Antonino, M., Nicola, M., Claudio, D.M., Luciano, B., Fulvio, R.C.	Office building occupancy monitoring through image recognition sensors	Building Information Modeling, Facility Management, Image Recognition, Smart Contracts	9, 4, 371 - 380	10.2495/SAFE-V9-N4-371-380	Antonino, M., Nicola, M., Claudio, D.M., Luciano, B., Fulvio, R.C. (2019). Office building occupancy monitoring through image recognition sensors. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 4, pp. 371-380. https://doi.org/10.2495/SAFE-V9-N4-371-380
8	Porcu, M.C., Vielma, J.C., Panu, F., Aguilar, C., Curreli, G.	Seismic retrofit of existing buildings led by non-linear dynamic analyses	FRP Reinforcement, Non-Linear Dynamic Analysis, Seismic Retrofit of R/C Buildings, Ductility	9, 3, 201-212	10.2495/SAFE-V9-N3-201-212	Porcu, M.C., Vielma, J.C., Panu, F., Aguilar, C., Curreli, G. (2019). Seismic retrofit of existing buildings led by non-linear dynamic analyses. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 201-212. https://doi.org/10.2495/SAFE-V9-N3-201-212
9	Arikatti, S., Huang, S.K., Yu, C.H., Hua, C.L.	'Drop, cover and hold on' or 'Triangle of life' attributes of information sources influencing earthquake protective actions	Drop, Cover and Hold on, Earthquake Protective Actions, Information Sources, Risk Communication, Triangle of Life	9, 3, 213 - 224	10.2495/SAFE-V9-N3-213-224	Arikatti, S., Huang, S.K., Yu, C.H., Hua, C.L. (2019). 'Drop, cover and hold on' or 'Triangle of life' attributes of information sources influencing earthquake protective actions. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 213-224. https://doi.org/10.2495/SAFE-V9-N3-213-224
10	Akçay, S.S., Nykyforchyn, A., Klügel, J.U., Tehrani, P.K., Kosbab, B., Talebinejad, I.	Determining seismic safety margins by nonlinear soil-structure analysis	Fragility Analysis, Nonlinear Soil-Structure Analysis, Seismic Safety Margins	9, 3, 225 - 236	10.2495/SAFE-V9-N3-225-236	Akçay, S.S., Nykyforchyn, A., Klügel, J.U., Tehrani, P.K., Kosbab, B., Talebinejad, I. (2019). Determining seismic safety margins by nonlinear soil-structure analysis. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 225-236. https://doi.org/10.2495/SAFE-V9-N3-225-236
11	Molina, S., Agea-medina, N., Galiana-Merino, J.J., Navarro, M., Huesca, J.A., García-Jerez, A., Seivane, H., Soler-Ilorens, J.L., Benabdeloued, N.	Seismic damage scenarios in the municipalities of Elche and Alicante (Spain). A first step to the emergency planning	Seismic Risk, Emergency Planning, Vulnerability, Site Effects, Seismic Hazard	9, 3, 237 - 248	10.2495/SAFE-V9-N3-237-248	Molina, S., Agea-medina, N., Galiana-Merino, J.J., Navarro, M., Huesca, J.A., García-Jerez, A., Seivane, H., Soler-Ilorens, J.L., Benabdeloued, N. (2019). Seismic damage scenarios in the municipalities of Elche and Alicante (Spain). A first step to the emergency planning. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 237-248. https://doi.org/10.2495/SAFE-V9-N3-237-248
12	Karim, M.R.A., Huang, Z.H.	A new damage-control target displacement procedure for direct displacement-based design of circular reinforced concrete bridge pier	Circular RC Bridge Pier, Damage-Control Limit States, Damage-Control Target Displacement, Plastic-Hinge Region, Yield Displacement	9, 3, 249 - 260	10.2495/SAFE-V9-N3-249-260	Karim, M.R.A., Huang, Z.H. (2019). A new damage-control target displacement procedure for direct displacement-based design of circular reinforced concrete bridge pier. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 249-260. https://doi.org/10.2495/SAFE-V9-N3-249-260
13	Liu, J., Wang, P., He, A.M.	Study on coupling of smooth particle method with finite elements based on mesh-particle matching degree	Coupling Method, Finite Element, Smooth Particle Method, Virtual Particle	9, 3, 261 - 268	10.2495/SAFE-V9-N3-261-268	Liu, J., Wang, P., He, A.M. (2019). Study on coupling of smooth particle method with finite elements based on mesh-particle matching degree. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 261-268. https://doi.org/10.2495/SAFE-V9-N3-261-268
14	Cuadra, C., Hasegawa, J.	Safety of base-isolated building in case of impact against retaining wall	Base Isolation, Collision, Earthquake Response Analysis, Link Element	9, 3, 269 - 279	10.2495/SAFE-V9-N3-269-279	Cuadra, C., Hasegawa, J. (2019). Safety of base-isolated building in case of impact against retaining wall. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 3, pp. 269-279. https://doi.org/10.2495/SAFE-V9-N3-269-279
15	Brochard, K., Sourne, H.L., Barras, G.	A simplified method to assess the damage of a deeply immersed cylinder subjected to underwater explosion	Fluid Structure Interaction, Immersed Cylinder, Rigid-Plastic Analysis, Underwater Explosion	9, 2, 95 - 108	10.2495/SAFE-V9-N2-95-108	Brochard, K., Sourne, H.L., Barras, G. (2019). A simplified method to assess the damage of a deeply immersed cylinder subjected to underwater explosion. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 95-108. https://doi.org/10.2495/SAFE-V9-N2-95-108
16	Cardarilli, M., Lombardi, M., Corazza, A.	Landslide risk management through spatial analysis and stochastic prediction for territorial resilience evaluation	Landslide Risk, Slope Stability, Soil Resilience, Spatial Variability, Susceptibility Index	9, 2, 109 - 120	10.2495/SAFE-V9-N2-109-120	Cardarilli, M., Lombardi, M., Corazza, A. (2019). Landslide risk management through spatial analysis and stochastic prediction for territorial resilience evaluation. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 109-120. https://doi.org/10.2495/SAFE-V9-N2-109-120
17	Silva, P.D., Tanabe, I.	Analytical models for machine tool motion behavior assessment bench mark subjected to great earthquake	Earthquake-Resistance, Machine Tool Motion, Risk Management	9, 2, 121 - 136	10.2495/SAFE-V9-N2-121-136	Silva, P.D., Tanabe, I. (2019). Analytical models for machine tool motion behavior assessment bench mark subjected to great earthquake. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 121-136. https://doi.org/10.2495/SAFE-V9-N2-121-136
18	Al-Fedaghi, S., Alsumait, O.	Towards a conceptual foundation for physical security: Case study of an IT department	Conceptual Model, Diagrammatic Representation, Physical Access Control, Physical Security, Systems Modeling Language	9, 2, 137 - 156	10.2495/SAFE-V9-N2-137-156	Al-Fedaghi, S., Alsumait, O. (2019). Towards a conceptual foundation for physical security: Case study of an IT department. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 137-156. https://doi.org/10.2495/SAFE-V9-N2-137-156
19	Porcu, M.C.	Partial floor mass isolation to control seismic stress in framed buildings	Floor Mass Isolation, Inertia Limiters, Rigid-Plastic Connectors, Seismic Stress Control	9, 2, 157 - 165	10.2495/SAFE-V9-N2-157-165	Porcu, M.C. (2019). Partial floor mass isolation to control seismic stress in framed buildings. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 157-165. https://doi.org/10.2495/SAFE-V9-N2-157-165
20	Wu, L.H., Hayashi, H., Wang, D.	Tourism sector preparedness in zones with a high seismic risk: A case study of the capital region of Japan	Disaster Preparedness, Resilience, Risk Perception, Seismic Risk	9, 2, 166 - 181	10.2495/SAFE-V9-N2-166-181	Wu, L.H., Hayashi, H., Wang, D. (2019). Tourism sector preparedness in zones with a high seismic risk: A case study of the capital region of Japan. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 166-181. https://doi.org/10.2495/SAFE-V9-N2-166-181
21	Minami, A., Tamura, H., Sakamoto, H., Ohbuchi, Y., Marumo, Y.	Evaluation of deep drawability of flame-retardant magnesium alloy sheets	Deep Drawing, Flame-Retardant Mg Alloy, Formability, Mechanical Properties	9, 2, 182 - 191	10.2495/SAFE-V9-N2-182-191	Minami, A., Tamura, H., Sakamoto, H., Ohbuchi, Y., Marumo, Y. (2019). Evaluation of deep drawability of flame-retardant magnesium alloy sheets. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 2, pp. 182-191. https://doi.org/10.2495/SAFE-V9-N2-182-191
22	Tiampo, K.F., Kazemian, J., Ghofrani, H., Kropivinskaya, Y., Michel, G.	Insights into seismic hazard from big data analysis of ground motion simulations	Big Data, Earthquake Ground Motions, Seismic Hazard, Seismic Risk	9, 1, 1-12	10.2495/SAFE-V9-N1-1-12	Tiampo, K.F., Kazemian, J., Ghofrani, H., Kropivinskaya, Y., Michel, G. (2019). Insights into seismic hazard from big data analysis of ground motion simulations. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 1-12. https://doi.org/10.2495/SAFE-V9-N1-1-12

23	Schardong, A., Simonovic, S.P., Tong, H.	Use of quantitative resilience in managing urban infrastructure response to natural hazards	Adaptation, Decision Support, Disaster Management, Hydro-Meteorological, Online Tool, Resilience, Urban Systems	9, 1, 13 - 25	10.2495/SAFE-V9-N1-13-25	Schardong, A., Simonovic, S.P., Tong, H. (2019). Use of quantitative resilience in managing urban infrastructure response to natural hazards. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 13-25. https://doi.org/10.2495/SAFE-V9-N1-13-25
24	Rideout, D.B., Kernohan, N., Epps, J.R.	Large-scale fire risk planning for initial attack and fuels: The U.S. state of Idaho	Economics, Fire Management Plan, Fuel Treatment, Idaho, Landscape Analysis, Risk, Spatial Planning, Starfire, U.S. Bureau of Land Management, Wildland Fire	9, 1, 26 - 37	10.2495/SAFE-V9-N1-26-37	Rideout, D.B., Kernohan, N., Epps, J.R. (2019). Large-scale fire risk planning for initial attack and fuels: The U.S. state of Idaho. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 26-37. https://doi.org/10.2495/SAFE-V9-N1-26-37
25	Artery, M., Pontiroli, C.	Residual bearing capacity of reinforced concrete columns after close-in detonations: Experimental and numerical	Blast, Damage, Experience, Reinforced Concrete Column, Residual Capacity, Simulation	9, 1, 38 - 49	10.2495/SAFE-V9-N1-38-49	Artery, M., Pontiroli, C. (2019). Residual bearing capacity of reinforced concrete columns after close-in detonations: Experimental and numerical. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 38-49. https://doi.org/10.2495/SAFE-V9-N1-38-49
26	Castedo, R., Lopez, L.M., Chiquito, M., Santos, A.P.	Full-scale reinforced concrete slabs: Blast effects, damage characterization and numerical modelling	Explosives, Full-Scale Slabs, LS-DYNA, Non-Destructive Testing, Reinforced Concrete, Schmidt Hammer	9, 1, 50 - 60	10.2495/SAFE-V9-N1-50-60	Castedo, R., Lopez, L.M., Chiquito, M., Santos, A.P. (2019). Full-scale reinforced concrete slabs: Blast effects, damage characterization and numerical modelling. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 50-60. https://doi.org/10.2495/SAFE-V9-N1-50-60
27	Heudier, L., Sakji, S., Chenaf, M., Proust, C., Lacour, J.L.	Resistance to explosion assessment of an electric transformer building	Building, Electric Transformer, Explosion, FEM Modelling Overpressure, Resistance	9, 1, 61 - 72	10.2495/SAFE-V9-N1-61-72	Heudier, L., Sakji, S., Chenaf, M., Proust, C., Lacour, J.L. (2019). Resistance to explosion assessment of an electric transformer building. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 61-72. https://doi.org/10.2495/SAFE-V9-N1-61-72
28	Denny, J., Chubley, S.	Investigating the predictive capacity of Eulerian CFD to model long-duration blast loads on finite cross-section geometries	Blast Loading, Drag Loading, Eulerian CFD, Long-Duration, Multi-Axis	9, 1, 73 - 85	10.2495/SAFE-V9-N1-73-85	Denny, J., Chubley, S. (2019). Investigating the predictive capacity of Eulerian CFD to model long-duration blast loads on finite cross-section geometries. <i>International Journal of Safety and Security Engineering</i> , Vol. 9, No. 1, pp. 73-85. https://doi.org/10.2495/SAFE-V9-N1-73-85
29	Marchioni, M., Becciu, G.	Infiltration-exfiltration system for stormwater runoff volume and peak attenuation	Stormwater, SUDs, Sustainable Drainage, Floods	8, 4, 473 - 483	10.2495/SAFE-V8-N4-473-483	Marchioni, M., Becciu, G. (2018). Infiltration-exfiltration system for stormwater runoff volume and peak attenuation. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 473-483. https://doi.org/10.2495/SAFE-V8-N4-473-483
30	Namoto, S., Ishikawa, T., Kojima, T.	Characteristics of water surface profiles of open channel flow with levee overtopping	2-D Flow Simulation, Channel Slope Change, Co	8, 4, 484 - 492	10.2495/SAFE-V8-N4-484-492	Namoto, S., Ishikawa, T., Kojima, T. (2018). Characteristics of water surface profiles of open channel flow with levee overtopping. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 484-492. https://doi.org/10.2495/SAFE-V8-N4-484-492
31	Adeleji, T.J., Proverbs, D.G., Xiao, H., Oladokun, V.O.	Towards a conceptual framework for property level flood resilience	Outcome-Based Approach, Process-Based Approach, Property Flood Resilience, Resilience Theory	8, 4, 493 - 504	10.2495/SAFE-V8-N4-493-504	Adeleji, T.J., Proverbs, D.G., Xiao, H., Oladokun, V.O. (2018). Towards a conceptual framework for property level flood resilience. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 493-504. https://doi.org/10.2495/SAFE-V8-N4-493-504
32	Sartor, J., Mobilia, M., Longobardi, A.	Results and findings from 15 years of sustainable urban storm water management	Evaporation Calculation, Hydrological Green Roof Behavior, Storm Water Utilization, Urban Storm Water Management, Water Balance Simulation	8, 4, 505 - 514	10.2495/SAFE-V8-N4-505-514	Sartor, J., Mobilia, M., Longobardi, A. (2018). Results and findings from 15 years of sustainable urban storm water management. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 505-514. https://doi.org/10.2495/SAFE-V8-N4-505-514
33	Pregolato, M., Dawson, D.A.	Adaptation investments for transport resilience: trends and recommendations	Adaptation, Flood, Risk, Investment, Network, Rail, Resilience, Road, Transport	8, 4, 515 - 527	10.2495/SAFE-V8-N4-515-527	Pregolato, M., Dawson, D.A. (2018). Adaptation investments for transport resilience: trends and recommendations. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 515-527. https://doi.org/10.2495/SAFE-V8-N4-515-527
34	Ishikawa, T., Miura, S., Yamamoto, R.	Field study on SS discharge from combined sewer system of highly urbanized area	Combined Sewer System, Rainfall Runoff, SS Discharge, Urban Catchment	8, 4, 528 - 535	10.2495/SAFE-V8-N4-528-535	Ishikawa, T., Miura, S., Yamamoto, R. (2018). Field study on SS discharge from combined sewer system of highly urbanized area. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 528-535. https://doi.org/10.2495/SAFE-V8-N4-528-535
35	Botticelli, M., Guercio, R., Magini, R., Napoli, R.	A physically-based approach for evaluating the hydraulic invariance in urban transformations	Hydraulic Invariance, Land Planning, Soil Properties, Sustainable Urban Drainage Systems, Urban Transformation	8, 4, 536 - 546	10.2495/SAFE-V8-N4-536-546	Botticelli, M., Guercio, R., Magini, R., Napoli, R. (2018). A physically-based approach for evaluating the hydraulic invariance in urban transformations. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 536-546. https://doi.org/10.2495/SAFE-V8-N4-536-546
36	Karamikas, N.	Revisiting the relationship between safety and security	Safety, Security	8, 4, 547 - 551	10.2495/SAFE-V8-N4-547-551	Karamikas, N. (2018). Revisiting the relationship between safety and security. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 4, pp. 547-551. https://doi.org/10.2495/SAFE-V8-N4-547-551
37	Kong, J.J., Simonovic, S.P.	A model of interdependent infrastructure system resilience	Infrastructure Interdependence, Infrastructure System, Multilayer Network, Resilience	8, 3, 377 - 389	10.2495/SAFE-V8-N3-377-389	Kong, J.J., Simonovic, S.P. (2018). A model of interdependent infrastructure system resilience. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 377-389. https://doi.org/10.2495/SAFE-V8-N3-377-389
38	Borghini, F., Garzia, F., Lombardi, M., Mete, M., Perruzza, R., Tartaglia, R.	Human factor analysis inside a peculiar job environment at the Gran Sasso mountain underground laboratory of Italian National Institute for Nuclear Physics	Dream Activity, Emergency Management, Human Factor, Occupational Safety and Security Engineering, Psychodynamic, Underground Laboratory, Work Related Stress	8, 3, 390 - 405	10.2495/SAFE-V8-N3-390-405	Borghini, F., Garzia, F., Lombardi, M., Mete, M., Perruzza, R., Tartaglia, R. (2018). Human factor analysis inside a peculiar job environment at the Gran Sasso mountain underground laboratory of Italian National Institute for Nuclear Physics. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 390-405. https://doi.org/10.2495/SAFE-V8-N3-390-405
39	Kamaletdinova, G.R., Onevsky, M.P., Skvortsov, S.A.	Human safety in a man-made ecosystem	Hazard, Isolation Studies, Life Support System, Man-Made Ecosystem, Simulation	8, 3, 406 - 412	10.2495/SAFE-V8-N3-406-412	Kamaletdinova, G.R., Onevsky, M.P., Skvortsov, S.A. (2018). Human safety in a man-made ecosystem. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 406-412. https://doi.org/10.2495/SAFE-V8-N3-406-412
40	Li, L., Cheng, J.L., Chang J.	Influencing factors and mechanism on the safety integrity of airline employees	Airline Employees, Case Analysis, DEMATEL-GI, DEMATEL-ISM, Field Theory, Hierarchical Structure Model, Influencing Factors, Safety Integrity	8, 3, 413 - 425	10.2495/SAFE-V8-N3-413-425	Li, L., Cheng, J.L., Chang J. (2018). Influencing factors and mechanism on the safety integrity of airline employees. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 413-425. https://doi.org/10.2495/SAFE-V8-N3-413-425
41	Neumann, T., Behrisch, M.	Terminal reliability of road networks with multiple destination options	Resilience, Vulnerability, Reliability Analysis, Road Networks, Minimal Cut Sets, Algorithm	8, 3, 426 - 437	10.2495/SAFE-V8-N3-426-437	Neumann, T., Behrisch, M. (2018). Terminal reliability of road networks with multiple destination options. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 426-437. https://doi.org/10.2495/SAFE-V8-N3-426-437
42	Zanasi, A., Ruini, F.	IT-induced cognitive biases in intelligence analysis: big data analytics and serious games	Intelligence Analysis, IT-Induced Cognitive Biases, RECOBIA, LEILA, Serious Games	8, 3, 438 - 450	10.2495/SAFE-V8-N3-438-450	Zanasi, A., Ruini, F. (2018). IT-induced cognitive biases in intelligence analysis: big data analytics and serious games. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 438-450. https://doi.org/10.2495/SAFE-V8-N3-438-450
43	Lippiello, D., Alfaro Degan, G., Pinzari, M.	A novel fault tree analysis approach to investigate uncommon accidents in quarries: a case study	Accident Investigation, Fault Tree Analysis, MCSOII, MORT, Quarry	8, 3, 451 - 462	10.2495/SAFE-V8-N3-451-462	Lippiello, D., Alfaro Degan, G., Pinzari, M. (2018). A novel fault tree analysis approach to investigate uncommon accidents in quarries: a case study. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 3, pp. 451-462. https://doi.org/10.2495/SAFE-V8-N3-451-462
44	Hosseiniia, B., Khakzad, N., Reniers, G.	An emergency response decision matrix against terrorist attacks with improvised device in chemical clusters	Chemical Industrial Area, Decision Matrix, Decision Tree, Emergency Response, Improvised Explosive Device, Terrorist Attack	8, 2, 187 - 199	10.2495/SAFE-V8-N2-187-199	Hosseiniia, B., Khakzad, N., Reniers, G. (2018). An emergency response decision matrix against terrorist attacks with improvised device in chemical clusters. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 187-199. https://doi.org/10.2495/SAFE-V8-N2-187-199
45	Melamed, T.	An active man-in-the-middle attack on bluetooth smart devices	BLE Security, Bluetooth Low Energy, Bluetooth	8, 2, 200 - 211	10.2495/SAFE-V8-N2-200-211	Melamed, T. (2018). An active man-in-the-middle attack on bluetooth smart devices. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 200-211. https://doi.org/10.2495/SAFE-V8-N2-200-211

46	Musman, S., Turner, A.J.	A game oriented approach to minimizing cybersecurity risk	Cybersecurity, Game Theory, Return on Investment, Risk Assessment, Risk Management	8, 2, 212 - 222	10.2495/SAFE-V8-N2-212-222	Musman, S., Turner, A.J. (2018). A game oriented approach to minimizing cybersecurity risk. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 212-222. https://doi.org/10.2495/SAFE-V8-N2-212-222
47	Przesmycki, R., Wnuk, M.	Susceptibility of IT devices to HPM pulse	Electromagnetic Field, Electromagnetic Pulse, EMC, HPM, HPEM, IT Device, Susceptibility	8, 2, 223 - 233	10.2495/SAFE-V8-N2-223-233	Przesmycki, R., Wnuk, M. (2018). Susceptibility of IT devices to HPM pulse. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 223-233. https://doi.org/10.2495/SAFE-V8-N2-223-233
48	Kapoor, M.K.	Security assessment case studies of public buildings in India	Security, Assessment, Engineering, Crime-Prevention, Counter-Terrorism, Designed-In, Resilience, Organised, Mechanical, Natural, Costs.	8, 2, 234 - 245	10.2495/SAFE-V8-N2-234-245	Kapoor, M.K. (2018). Security assessment case studies of public buildings in India. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 234-245. https://doi.org/10.2495/SAFE-V8-N2-234-245
49	Ota, Y., Aoyama, T., Nyambayar, D., Koshijima, I.	Cyber incident exercise for safety protection in critical infrastructure	Cyber-Incident, Personnel Training, ICS-SIRT	8, 2, 246 - 257	10.2495/SAFE-V8-N2-246-257	Ota, Y., Aoyama, T., Nyambayar, D., Koshijima, I. (2018). Cyber incident exercise for safety protection in critical infrastructure. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 246-257. https://doi.org/10.2495/SAFE-V8-N2-246-257
50	Noh, H., Kang, K., Huh, C., Kang, S.G., Seo, Y.	Identification of potential hazardous events of unloading system and CO ₂ storage tanks of an intermediate storage terminal for the Korea clean carbon storage project 2025	CCS, CO ₂ Storage Tank, CO ₂ Storage Terminal, Hazard, PHA, Unloading Arm	8, 2, 258 - 265	10.2495/SAFE-V8-N2-258-265	Noh, H., Kang, K., Huh, C., Kang, S.G., Seo, Y. (2018). Identification of potential hazardous events of unloading system and CO ₂ storage tanks of an intermediate storage terminal for the Korea clean carbon storage project 2025. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 258-265. https://doi.org/10.2495/SAFE-V8-N2-258-265
51	Triantafyllou, D., Krimidis, S., Ioannidis, D., Tzovaras, D.	A real-time, multi-space incident detection system for indoor environments	Collision, Fall, Incident Detection, Industrial Environment, Intrusion.	8, 2, 266 - 275	10.2495/SAFE-V8-N2-266-275	Triantafyllou, D., Krimidis, S., Ioannidis, D., Tzovaras, D. (2018). A real-time, multi-space incident detection system for indoor environments. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 266-275. https://doi.org/10.2495/SAFE-V8-N2-266-275
52	Bedon, C., Amadio, C.	Improving the dynamic performance of multi-storey buildings via protective glazing curtain walls	Blast Scenarios and Hazards, Dissipative Devices, Finite-Element Numerical Models, Glazing Curtain Walls, Multi-Storey Buildings, Passive Structural Control, Tuned-Mass Dampers (TMDs).	8, 2, 276 - 286	10.2495/SAFE-V8-N2-276-286	Bedon, C., Amadio, C. (2018). Improving the dynamic performance of multi-storey buildings via protective glazing curtain walls. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 276-286. https://doi.org/10.2495/SAFE-V8-N2-276-286
53	Sykora, M., Holicky, M., Jung, K., Diamantidis, D.	Human safety criteria for risk-based structural design	Group Risk, Human Safety, Individual Risk, Life Quality Index, Railway, Risk Acceptance, Structure, Target Reliability	8, 2, 287 - 298	10.2495/SAFE-V8-N2-287-298	Sykora, M., Holicky, M., Jung, K., Diamantidis, D. (2018). Human safety criteria for risk-based structural design. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 287-298. https://doi.org/10.2495/SAFE-V8-N2-287-298
54	Schuldt, S., El-Rayes, K.	Optimal tradeoffs between the security and cost of critical buildings and infrastructure systems	Blast Effects, Blast Wall, Critical Infrastructure, Facility Layout, Genetic Algorithms, Optimization, Security	8, 2, 299 - 306	10.2495/SAFE-V8-N2-299-306	Schuldt, S., El-Rayes, K. (2018). Optimal tradeoffs between the security and cost of critical buildings and infrastructure systems. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 299-306. https://doi.org/10.2495/SAFE-V8-N2-299-306
55	Cardarilli, M., Lombardi, M., Guarascio, M.	Preventive planning model for rescue priority management in seismic emergency	Building Collapse, Quantitative Risk Analysis, Seismic Emergency, Vulnerability Index	8, 2, 307 - 319	10.2495/SAFE-V8-N2-307-319	Cardarilli, M., Lombardi, M., Guarascio, M. (2018). Preventive planning model for rescue priority management in seismic emergency. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 307-319. https://doi.org/10.2495/SAFE-V8-N2-307-319
56	Cuadra, C.	Proposal for structural evaluation of historical churches at Lima, Peru	Ambient Vibration, Architectural Heritage, Historic Churches, Lima City, Seismic Vulnerability	8, 2, 320 - 328	10.2495/SAFE-V8-N2-320-328	Cuadra, C. (2018). Proposal for structural evaluation of historical churches at Lima, Peru. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 320-328. https://doi.org/10.2495/SAFE-V8-N2-320-328
57	Montejano-Castillo, M., Moreno-Villanueva, M.	Hospitals safe from disasters: a glimpse into the Mexican coastal zones	Coastal Zones, Disasters, Hospitals, Mexico, Risk Reduction	8, 2, 329 - 341	10.2495/SAFE-V8-N2-329-341	Montejano-Castillo, M., Moreno-Villanueva, M. (2018). Hospitals safe from disasters: a glimpse into the Mexican coastal zones. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 329-341. https://doi.org/10.2495/SAFE-V8-N2-329-341
58	Lombardi, M., Fargnoli, M.	Prioritization of hazards by means of a QFD-based procedure	Agricultural Equipment, House of Quality, Machinery Safety, Occupational Safety, Quality Function Deployment, Risk Assessment	8, 2, 342 - 353	10.2495/SAFE-V8-N2-342-353	Lombardi, M., Fargnoli, M. (2018). Prioritization of hazards by means of a QFD-based procedure. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 342-353. https://doi.org/10.2495/SAFE-V8-N2-342-353
59	Oberbek, P., Kaczorowska, B.	Determining size fractions of an aerosol in view of new definitions in polish regulation	Aerosols, Chemical Hazards, Coal Dust, Dust Hazards, Individual Dosimetry Method, Inhalable Fraction, Occupational Exposure Assessment, Respirable Fraction, Wood Dust	8, 2, 354 - 366	10.2495/SAFE-V8-N2-354-366	Oberbek, P., Kaczorowska, B. (2018). Determining size fractions of an aerosol in view of new definitions in polish regulation. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 2, pp. 354-366. https://doi.org/10.2495/SAFE-V8-N2-354-366
60	Ponziani, F.A., Tinaburri, A., Ricci, V.	A multi agent approach to analyse shift in people behaviour under critical conditions	Agent Based Model, Behaviour, Complex Systems, Pattern	8, 1, 1 - 9	10.2495/SAFE-V8-N1-1-9	Ponziani, F.A., Tinaburri, A., Ricci, V. (2018). A multi agent approach to analyse shift in people behaviour under critical conditions. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 1-9. https://doi.org/10.2495/SAFE-V8-N1-1-9
61	Margardt, N., Hannig, C., Hannig, S.	The impact of mental readiness on driving performance and traffic safety	Attentional Control, Driving Performance, Mental Readiness, Stress, Traffic Safety.	8, 1, 10 - 19	10.2495/SAFE-V8-N1-10-19	Margardt, N., Hannig, C., Hannig, S. (2018). The impact of mental readiness on driving performance and traffic safety. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 10-19. https://doi.org/10.2495/SAFE-V8-N1-10-19
62	Pusty, T., Prochowski, L., Gidlewski, M.	Experimental research aimed at determining the force and energy of the impact of motorcyclist's head against a motor car side during a road accident	Motorcycle Accidents, Motorcyclist Safety, Research Helmets	8, 1, 20 - 30	10.2495/SAFE-V8-N1-20-30	Pusty, T., Prochowski, L., Gidlewski, M. (2018). Experimental research aimed at determining the force and energy of the impact of motorcyclist's head against a motor car side during a road accident. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 20-30. https://doi.org/10.2495/SAFE-V8-N1-20-30
63	Siregar, M.L., Agah, H.R., Hidayatullah, F.	Near-miss accident analysis for traffic safety improvement at a 'channelized' junction with u-turn	Channelized Junction, Near-Miss Accident, TCT, Time-to-Accident, Traffic Conflicts	8, 1, 31 - 38	10.2495/SAFE-V8-N1-31-38	Siregar, M.L., Agah, H.R., Hidayatullah, F. (2018). Near-miss accident analysis for traffic safety improvement at a 'channelized' junction with u-turn. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 31-38. https://doi.org/10.2495/SAFE-V8-N1-31-38
64	Rossi, G., Lombardi, M., Mascio, P.D.	Consistency and stability of risk indicators: the case of road infrastructures	Acceptability Criteria, Quantitative Risk Analysis (QRA), Risk Indicators, Societal Risk	8, 1, 39 - 47	10.2495/SAFE-V8-N1-39-47	Rossi, G., Lombardi, M., Mascio, P.D. (2018). Consistency and stability of risk indicators: the case of road infrastructures. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 39-47. https://doi.org/10.2495/SAFE-V8-N1-39-47
65	Choudhary, N.	The role of safety risk management in the UK rail industry when dealing with cyber threats	Cost Benefit, Cyber, RAM, Reliability, Risk Management, Safety, Security	8, 1, 48 - 58	10.2495/SAFE-V8-N1-48-58	Choudhary, N. (2018). The role of safety risk management in the UK rail industry when dealing with cyber threats. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 48-58. https://doi.org/10.2495/SAFE-V8-N1-48-58
66	Wang, Z.L., Zsifkovits, M., Pickl, S.W.	Analyzing vulnerabilities of the German high-speed train network using quantitative graph theory	Betweenness Centrality, Efficiency, Quantitative Graph Theory, Vulnerability Analysis	8, 1, 59 - 64	10.2495/SAFE-V8-N1-59-64	Wang, Z.L., Zsifkovits, M., Pickl, S.W. (2018). Analyzing vulnerabilities of the German high-speed train network using quantitative graph theory. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 59-64. https://doi.org/10.2495/SAFE-V8-N1-59-64
67	Barić, D., Pižeta, F.	An AHP model for level crossing design	AHP, Level Crossings, Safety	8, 1, 65 - 76	10.2495/SAFE-V8-N1-65-76	Barić, D., Pižeta, F. (2018). An AHP model for level crossing design. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 65-76. https://doi.org/10.2495/SAFE-V8-N1-65-76
68	Bietresato, M., Mazzetto, F.	Increasing the safety of agricultural machinery operating on sloping grounds by performing static and dynamic tests of stability on a new-concept facility	Stability of Agricultural Machines on Slopes, Static Tests of Stability, Dynamic Tests of Stability, Innovative Test-Equipment, Tilttable/Angleable Plane, Tilting Turntable	8, 1, 77 - 89	10.2495/SAFE-V8-N1-77-89	Bietresato, M., Mazzetto, F. (2018). Increasing the safety of agricultural machinery operating on sloping grounds by performing static and dynamic tests of stability on a new-concept facility. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 77-89. https://doi.org/10.2495/SAFE-V8-N1-77-89

69	Alfaro Degan, G., Coltrinari, G., Lippiello, D., Pinzari, M.	A comparison between methods for assessment of whole-body vibration exposure: a case study in a limestone quarry	Earth Moving Machinery, Quarry, Whole Body Vibration, Workers Exposure	8, 1, 90 - 97	10.2495/SAFE-V8-N1-90-97	Alfaro Degan, G., Coltrinari, G., Lippiello, D., Pinzari, M. (2018). A comparison between methods for assessment of whole-body vibration exposure: a case study in a limestone quarry. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 90-97. https://doi.org/10.2495/SAFE-V8-N1-90-97
70	Schoeman, I.M.	Strategies to reduce traffic accident rates in developing countries: lessons learned for assessment and management	Traffic Accident, Traffic Management, Traffic Planning, Transportation Planning	8, 1, 98-109	10.2495/SAFE-V8-N1-98-109	Schoeman, I.M. (2018). Strategies to reduce traffic accident rates in developing countries: lessons learned for assessment and management. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 98-109. https://doi.org/10.2495/SAFE-V8-N1-98-109
71	Trulli, E., Rada, E.C., Conti, F., Ferronato, N., Raboni, M., Talamona, L., Torretta, V.	Fire simulation in a full-scale bilevel rail car: experimental analysis to assess passenger safety	Environmental Risk, Fire, Rail Car Fire, Rail Transport, Safety Risk	8, 1, 110 - 120	10.2495/SAFE-V8-N1-110-120	Trulli, E., Rada, E.C., Conti, F., Ferronato, N., Raboni, M., Talamona, L., Torretta, V. (2018). Fire simulation in a full-scale bilevel rail car: experimental analysis to assess passenger safety. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 110-120. https://doi.org/10.2495/SAFE-V8-N1-110-120
72	Mugarza, I., Parra, J., Jacob, E.	Analysis of existing dynamic software updating techniques for safe and secure industrial control systems	Dynamic Software Updates, Patches, Safety, Security, Critical Infrastructures	8, 1, 121 - 131	10.2495/SAFE-V8-N1-121-131	Mugarza, I., Parra, J., Jacob, E. (2018). Analysis of existing dynamic software updating techniques for safe and secure industrial control systems. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 121-131. https://doi.org/10.2495/SAFE-V8-N1-121-131
73	Lanzotti, A., Carbone, F., Gironimo, G.D., Papa, S., Renno, F., Tarallo, A., D'angelo, R.	On the usability of augmented reality devices for interactive risk assessment	Augmented Reality, Risk Assessment, Usability.	8, 1, 132 - 138	10.2495/SAFE-V8-N1-132-138	Lanzotti, A., Carbone, F., Gironimo, G.D., Papa, S., Renno, F., Tarallo, A., D'angelo, R. (2018). On the usability of augmented reality devices for interactive risk assessment. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 132-138. https://doi.org/10.2495/SAFE-V8-N1-132-138
74	Ninin, P., Salatko, C., Valbom, J.	Safety status: an innovative concept for maintaining the safety integrity level of operational safety systems	Safety System Engineering, Security Global Approach, SIS Operation & Maintenance.	8, 1, 139 - 149	10.2495/SAFE-V8-N1-139-149	Ninin, P., Salatko, C., Valbom, J. (2018). Safety status: an innovative concept for maintaining the safety integrity level of operational safety systems. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 139-149. https://doi.org/10.2495/SAFE-V8-N1-139-149
75	Hotta, G., Katayama, T., Nakamura, Y., Ohbuch, Y., Sakamoto, H.	Study on experimental measurement of behavioral characteristics of the workers in nonstationary work	Behavioral Characteristic, Human Factor, Infrequent Operation, Psychological Tests, Risk Reduction, Risk-Taking Situations	8, 1, 150 - 158	10.2495/SAFE-V8-N1-150-158	Hotta, G., Katayama, T., Nakamura, Y., Ohbuch, Y., Sakamoto, H. (2018). Study on experimental measurement of behavioral characteristics of the workers in nonstationary work. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 150-158. https://doi.org/10.2495/SAFE-V8-N1-150-158
76	Ramezani, A., Rothe, H.	Investigation of simulation methodologies for ultra-high-molecular-weight polyethylene	Armor Systems, Fiber-Reinforced Plastics, Optimization, Simulation Models	8, 1, 159 - 170	10.2495/SAFE-V8-N1-159-170	Ramezani, A., Rothe, H. (2018). Investigation of simulation methodologies for ultra-high-molecular-weight polyethylene. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 159-170. https://doi.org/10.2495/SAFE-V8-N1-159-170
77	Mitić, P.	Reputation risk: measured	Reputation, Reputation risk, Alva, Sentiment Analysis, Correlation, Loss Distribution, Scenarios, Stressed	8, 1, 171 - 180	10.2495/SAFE-V8-N1-171-180	Mitić, P. (2018). Reputation risk: measured. <i>International Journal of Safety and Security Engineering</i> , Vol. 8, No. 1, pp. 171-180. https://doi.org/10.2495/SAFE-V8-N1-171-180
78	Ivorra, S., Bru, D., Galvañ, A., Silvestri, S., Apera, C., Foti, D.	TRM reinforcement of masonry specimens for seismic areas	Reinforced Masonry TRM Walls FEM	7, 4, 463 - 474	10.2495/SAFE-V7-N4-463-474	Ivorra, S., Bru, D., Galvañ, A., Silvestri, S., Apera, C., Foti, D. (2017). TRM reinforcement of masonry specimens for seismic areas. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 463-474. https://doi.org/10.2495/SAFE-V7-N4-463-474
79	Kilar, V., Petrović, S.	Seismic rehabilitation of masonry heritage structures with base-isolation and with selected contemporary strengthening measures	Base Isolation, Fibre-Reinforced Polymers, Historic Masonry Structures, Seismic Rehabilitation	7, 4, 475 - 485	10.2495/SAFE-V7-N4-475-485	Kilar, V., Petrović, S. (2017). Seismic rehabilitation of masonry heritage structures with base-isolation and with selected contemporary strengthening measures. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 475-485. https://doi.org/10.2495/SAFE-V7-N4-475-485
80		Seismic behavior of a masonry chimney retrofitted with composite materials: a preliminary approach	FEM, Reinforced Masonry TRM Walls, Seismic Loads, Seismic Retrofitting, Slender Masonry Structures	7, 4, 486 - 497	10.2495/SAFE-V7-N4-486-497	XXXX (2017). Seismic behavior of a masonry chimney retrofitted with composite materials: a preliminary approach. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 486-497. https://doi.org/10.2495/SAFE-V7-N4-486-497
81	Silvestri, S., Palermo, M., Trombetti, T.	A direct procedure for the seismic design of frame structures with added viscous dampers	Damping Coefficient, Five-Step Procedure, Multi-Storey Frames, Seismic Design, Viscous Dampers	7, 4, 498 - 509	10.2495/SAFE-V7-N4-498-509	Silvestri, S., Palermo, M., Trombetti, T. (2017). A direct procedure for the seismic design of frame structures with added viscous dampers. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 498-509. https://doi.org/10.2495/SAFE-V7-N4-498-509
82	Madsen, K.	Earthquake shake: a regulatory recipe for quake stricken Kaikoura, New Zealand	Civil Defence, Local Government, Natural Hazard, Regulatory Planning, Resilience, Sustain-Ability, Tourism.	7, 4, 510 - 518	10.2495/SAFE-V7-N4-510-518	Madsen, K. (2017). Earthquake shake: a regulatory recipe for quake stricken Kaikoura, New Zealand. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 510-518. https://doi.org/10.2495/SAFE-V7-N4-510-518
83	Diaferio, M., Foti, D., Giannoccaro, N.I., Ivorra, S.	Model updating based on the dynamic identification of a baroque bell tower	Environmental Vibrations, Masonry Tower, Operational Modal Analysis, Seismic Analysis, Structural identification	7, 4, 519 - 531	10.2495/SAFE-V7-N4-519-531	Diaferio, M., Foti, D., Giannoccaro, N.I., Ivorra, S. (2017). Model updating based on the dynamic identification of a baroque bell tower. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 519-531. https://doi.org/10.2495/SAFE-V7-N4-519-531
84	Terzić, V., Mahin, S.A.	Using PBEE to assess and improve performance of different structural systems for low-rise steel buildings	Base Isolation, Braced Frames, Dampers, Moment Resisting Frames, Repair Loss, Repair Time	7, 4, 532 - 544	10.2495/SAFE-V7-N4-532-544	Terzić, V., Mahin, S.A. (2017). Using PBEE to assess and improve performance of different structural systems for low-rise steel buildings. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 532-544. https://doi.org/10.2495/SAFE-V7-N4-532-544
85	Porcu, M.C.	Code inadequacies discouraging the earthquake-based seismic analysis of buildings	Earthquake-Resistant Buildings, EC8 Inadequacies, Spectrum-Compatible Earthquakes, Time-History Non-Linear Seismic Analysis	7, 4, 545 - 556	10.2495/SAFE-V7-N4-545-556	Porcu, M.C. (2017). Code inadequacies discouraging the earthquake-based seismic analysis of buildings. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 545-556. https://doi.org/10.2495/SAFE-V7-N4-545-556
86	Yilmaz, H., Hachmann, T.	Hands-on-experience on seismic retrofit in four different countries	Implementation of Retrofit, Retrofit Design, Seismic Assessment, Seismic Retrofit, Site Survey	7, 4, 557 - 567	10.2495/SAFE-V7-N4-557-567	Yilmaz, H., Hachmann, T. (2017). Hands-on-experience on seismic retrofit in four different countries. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 557-567. https://doi.org/10.2495/SAFE-V7-N4-557-567
87	Lin, C.H., Liu, X.Q., Yang, C.T., Pan, Y.K., Liao, Y.C.	Approaches for evaluating failure probability of emergency power supply systems in hospitals	Emergency Power System, Failure Probability, Logic Tree, Seismic Fragility	7, 4, 568 - 576	10.2495/SAFE-V7-N4-568-576	Lin, C.H., Liu, X.Q., Yang, C.T., Pan, Y.K., Liao, Y.C. (2017). Approaches for evaluating failure probability of emergency power supply systems in hospitals. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 568-576. https://doi.org/10.2495/SAFE-V7-N4-568-576
88	Lohani, T.N., Nagao, T., Fukushima, Y.	Reviewing the 2016 Kumamoto earthquake damage in Mashiki town area by using microtremor measurements	Earthquake, Kumamoto, Mashiki, Microtremor, Shear Wave Velocity	7, 4, 577 - 584	10.2495/SAFE-V7-N4-577-584	Lohani, T.N., Nagao, T., Fukushima, Y. (2017). Reviewing the 2016 Kumamoto earthquake damage in Mashiki town area by using microtremor measurements. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 577-584. https://doi.org/10.2495/SAFE-V7-N4-577-584
89	Molina-Palacios, S., Lang, D.H., Meslem, A., Lindholm, C.D., Agea-Molina, N.	A next-generation open-source tool for earthquake loss estimation	Analytical Methods, Damage and Loss, Earthquake Loss Estimation, SELENA	7, 4, 585 - 596	10.2495/SAFE-V7-N4-585-596	Molina-Palacios, S., Lang, D.H., Meslem, A., Lindholm, C.D., Agea-Molina, N. (2017). A next-generation open-source tool for earthquake loss estimation. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 585-596. https://doi.org/10.2495/SAFE-V7-N4-585-596
90	Pérez, R.E., Zapata, J.P.C., Peñaflor, F.J.L.	Influence of hydrogeological and geotechnical parameters on the seismic behavior of potable water infrastructures	Ground Motion, Hazard, Hydrological, Liquefaction, Management, Risk, Seismic, Vulnerability	7, 4, 597 - 611	10.2495/SAFE-V7-N4-597-611	Pérez, R.E., Zapata, J.P.C., Peñaflor, F.J.L. (2017). Influence of hydrogeological and geotechnical parameters on the seismic behavior of potable water infrastructures. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 597-611. https://doi.org/10.2495/SAFE-V7-N4-597-611
91	Berezuk, M., Romyantseva, A., Chebotareva, G.	Improvement of an integrated management system resulting in higher industrial safety efficiency	Educational Electronic Resource, Industrial Safety, Integrated Management System, Labor Safety, Personnel Training	7, 4, 612 - 626	10.2495/SAFE-V7-N4-612-626	Berezuk, M., Romyantseva, A., Chebotareva, G. (2017). Improvement of an integrated management system resulting in higher industrial safety efficiency. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 4, pp. 612-626. https://doi.org/10.2495/SAFE-V7-N4-612-626

92	Sim, T., Dominelli, L., Lau, J.	A pathway to initiate bottom-up community-based disaster risk reduction within a top-down system: The case of China	Community, Community-Based Disaster Risk Reduction (CBDRR), Disaster Risk Reduction (DRR), Sendai Framework, Rural China, Top-Down and Bottom-Up Approaches to CBDRR, Participatory Action Research, Natural Disaster	7, 3, 283 - 293	10.2495/SAFE-V7-N3-283-293	Sim, T., Dominelli, L., Lau, J. (2017). A pathway to initiate bottom-up community-based disaster risk reduction within a top-down system: The case of China. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 283-293. https://doi.org/10.2495/SAFE-V7-N3-283-293
93	Witt, P.H., Strohschneider, S., Zinke, R., Kaiser, S., Kranert, I., Linke, A., Mähler, M.	A study of motivational aspects initiating volunteerism in disaster management in germany	Disaster Management, Germany, Motives, Training, Volunteerism	7, 3, 294 - 302	10.2495/SAFE-V7-N3-294-302	Witt, P.H., Strohschneider, S., Zinke, R., Kaiser, S., Kranert, I., Linke, A., Mähler, M. (2017). A study of motivational aspects initiating volunteerism in disaster management in germany. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 294-302. https://doi.org/10.2495/SAFE-V7-N3-294-302
94	Ferrara, V.	Pervasive technologies for the reduction of disaster consequences: Opportunities and questions	Disaster Monitoring and Mitigation, Emergency Preparedness, Preparedness and Training	7, 3, 303 - 312	10.2495/SAFE-V7-N3-303-312	Ferrara, V. (2017). Pervasive technologies for the reduction of disaster consequences: Opportunities and questions. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 303-312. https://doi.org/10.2495/SAFE-V7-N3-303-312
95	Gray, B., Weal, M.J., Martin, D.	Social media during multi-hazard disasters: Lessons from the Kaikoura earthquake 2016	Conceptual Framework, Content Analysis, Disaster Management, Earthquake, Emergency Response, Multi-Hazard Disaster, Social Media	7, 3, 313 - 323	10.2495/SAFE-V7-N3-313-323	Gray, B., Weal, M.J., Martin, D. (2017). Social media during multi-hazard disasters: Lessons from the Kaikoura earthquake 2016. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 313-323. https://doi.org/10.2495/SAFE-V7-N3-313-323
96	Hall, L., Roelofs, J., Schulpen, S., Bruin, A.D., Banus, S., Duarte-Davidson, R., Thomas, E., Goode, E.J., Landeg, O., Bone, A., Wigenstam, E., Lajedahl, B., Waleji, A., Simonsson, L., Nyberg, A.G.	Supporting the EU response to environmental emergencies: European multiple environmental threats emergency network	DG ECHO, Environmental Emergencies, Expert network, Impact, Natural disasters, Public Health, Environment, Rapid Risk Assessment, Union Civil Protection Mechanism, UCPM	7, 3, 324 - 336	10.2495/SAFE-V7-N3-324-336	Hall, L., Roelofs, J., Schulpen, S., Bruin, A.D., Banus, S., Duarte-Davidson, R., Thomas, E., Goode, E.J., Landeg, O., Bone, A., Wigenstam, E., Lajedahl, B., Waleji, A., Simonsson, L., Nyberg, A.G. (2017). Supporting the EU response to environmental emergencies: European multiple environmental threats emergency network. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 324-336. https://doi.org/10.2495/SAFE-V7-N3-324-336
97	Denham, M.A., Khemka, A.K.	Homeland security and emergency management in institutions of higher education (IHE): Texas case study	Emergency Management, Homeland Security, Higher Education, Disaster Resiliency, Incident Management Cycle, Campus Safety and Security, Preparedness, Response, Recovery, Mitigation	7, 3, 337 - 351	10.2495/SAFE-V7-N3-337-351	Denham, M.A., Khemka, A.K. (2017). Homeland security and emergency management in institutions of higher education (IHE): Texas case study. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 337-351. https://doi.org/10.2495/SAFE-V7-N3-337-351
98	Cho, H., Park, H.	Constructing resilience model of port infrastructure based on system dynamics	Infrastructure Resilience, Port Disaster, System Dynamics Model	7, 3, 352 - 360	10.2495/SAFE-V7-N3-352-360	Cho, H., Park, H. (2017). Constructing resilience model of port infrastructure based on system dynamics. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 352-360. https://doi.org/10.2495/SAFE-V7-N3-352-360
99	Inuriza, M., Abdelgawad, A.A., Labaka, L., Radiani, J., Sarriegi, J.M., Gonzalez, J.J.	Smart mature resilience, system dynamics based interactive learning environment: A beta version	City Resilience, Disaster Resilience, Interactive L	7, 3, 367 - 379	10.2495/SAFE-V7-N3-367-379	Inuriza, M., Abdelgawad, A.A., Labaka, L., Radiani, J., Sarriegi, J.M., Gonzalez, J.J. (2017). Smart mature resilience, system dynamics based interactive learning environment: A beta version. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 367-379. https://doi.org/10.2495/SAFE-V7-N3-367-379
100	Zanasi, A., Ruini, F., Bonzio, A.	Intelligence analysts' training through serious games: The Leila project	Cognitive Biases, Inference Schemes, Intelligence Analysis, Law Enforcement, Learning: LEILA, Security, Serious Games, Training	7, 3, 380 - 389	10.2495/SAFE-V7-N3-380-389	Zanasi, A., Ruini, F., Bonzio, A. (2017). Intelligence analysts' training through serious games: The Leila project. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 380-389. https://doi.org/10.2495/SAFE-V7-N3-380-389
101	Chin, D.T.S., Jack, C.S.	Management of zika outbreak in a tropical urbanised country: Singapore	Aedes Aegypti, Outbreak Management, Singapore, Vector-Borne Disease, Zika, Zika Virus Infection	7, 3, 390 - 398	10.2495/SAFE-V7-N3-390-398	Chin, D.T.S., Jack, C.S. (2017). Management of zika outbreak in a tropical urbanised country: Singapore. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 390-398. https://doi.org/10.2495/SAFE-V7-N3-390-398
102	Pfeiffer, K.B., Burdi, C., Schlueter, S.	Local supply chains: The disaster management perspective	Critical Infrastructure, Dependency, Disaster, Emergency Management, Preparedness, Resilience, Supply Chain	7, 3, 399 - 405	10.2495/SAFE-V7-N3-399-405	Pfeiffer, K.B., Burdi, C., Schlueter, S. (2017). Local supply chains: The disaster management perspective. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 399-405. https://doi.org/10.2495/SAFE-V7-N3-399-405
103	Rozzi, S., Golefati, A., Minkov, M., Robinson, M., Şengür, F., Dambrá, C.	A taxonomical framework of socio-cultural hazards in transport hubs	Crowd Management, Disruptive Passenger Behaviour, Emergency Management, Emergency Preparedness and Training, Risk And Security, Socio-Cultural Hazards, Transport Hubs	7, 3, 406 - 418	10.2495/SAFE-V7-N3-406-418	Rozzi, S., Golefati, A., Minkov, M., Robinson, M., Şengür, F., Dambrá, C. (2017). A taxonomical framework of socio-cultural hazards in transport hubs. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 406-418. https://doi.org/10.2495/SAFE-V7-N3-406-418
104	Arias, D., Vieira, P.A., Mendes, P.M.	Managing extreme agriculture risks in Brazil	Agriculture Policies, Agriculture Risks, Brazil Agriculture, Disaster Risk, Extreme Risks, Risk Management, Risk Strategies	7, 3, 419 - 430	10.2495/SAFE-V7-N3-419-430	Arias, D., Vieira, P.A., Mendes, P.M. (2017). Managing extreme agriculture risks in Brazil. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 419-430. https://doi.org/10.2495/SAFE-V7-N3-419-430
105	Holdo, G.M., Miles, L., Hartwell, H.	Disaster nursing: Looking to the future in Norway	Community Nursing, Disaster Management Plans, Disaster Nursing, Education, Nurses' Involvement, Resilient Community	7, 3, 431 - 442	10.2495/SAFE-V7-N3-431-442	Holdo, G.M., Miles, L., Hartwell, H. (2017). Disaster nursing: Looking to the future in Norway. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 431-442. https://doi.org/10.2495/SAFE-V7-N3-431-442
106	Giuseppe, D.N., Claudia, T., Renato, S., Perillo, G.	The campi flegrei deep drilling project (CFDDP): Caldera structure and hazard	Ar Dating, Caldera Dynamic, Caldera-Forming Eruptions, Campi Flegrei Caldera, CFDDP Drilling, Volcanic Hazard	7, 3, 443 - 448	10.2495/SAFE-V7-N3-443-448	Giuseppe, D.N., Claudia, T., Renato, S., Perillo, G. (2017). The campi flegrei deep drilling project (CFDDP): Caldera structure and hazard. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 3, pp. 443-448. https://doi.org/10.2495/SAFE-V7-N3-443-448
107	Belvederesi, C., Dann, M.R.	Statistical analysis of failure consequences for oil and gas pipelines	Consequences, Pipeline, Pipeline Failure, Risk, Statistical Analysis	7, 2, 103 - 112	10.2495/SAFE-V7-N2-103-112	Belvederesi, C., Dann, M.R. (2017). Statistical analysis of failure consequences for oil and gas pipelines. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 103-112. https://doi.org/10.2495/SAFE-V7-N2-103-112
108	Copelli, S., Raboni, M., Ragazzi, M., Rada, E.C., Torretta, V.	Variation of the explosion risk in a hybrid collector during revamping operations	Cement Plants, Explosions, Hybrid Collectors, Revamping, Risk Assessment, Safety	7, 2, 113 - 125	10.2495/SAFE-V7-N2-113-125	Copelli, S., Raboni, M., Ragazzi, M., Rada, E.C., Torretta, V. (2017). Variation of the explosion risk in a hybrid collector during revamping operations. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 113-125. https://doi.org/10.2495/SAFE-V7-N2-113-125
109	Yu, Z.J., Wen, H.	Numerical and experimental simulation of spontaneous combustion of coal	Numerical Simulation, Temperature Rising Feature, Fire Source Position, Experimental Parameters, Spontaneous Combustion Period	7, 2, 126 - 136	10.2495/SAFE-V7-N2-126-136	Yu, Z.J., Wen, H. (2017). Numerical and experimental simulation of spontaneous combustion of coal. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 126-136. https://doi.org/10.2495/SAFE-V7-N2-126-136
110	Pundt, H., Heilmann, A., Scheinert, M.	Assessing vulnerabilities as a step toward climate change induced hazard preparedness	Climate Change Adaptation, GIS, Hazard Preparedness, Participation, Vulnerability	7, 2, 137 - 146	10.2495/SAFE-V7-N2-137-146	Pundt, H., Heilmann, A., Scheinert, M. (2017). Assessing vulnerabilities as a step toward climate change induced hazard preparedness. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 137-146. https://doi.org/10.2495/SAFE-V7-N2-137-146
111	Dangol, N., Day, J.	Flood adaptation by informal settlers in Kathmandu and their fear of eviction	Fear of Eviction, Flood Adaptation, Informal Settlement, Kathmandu	7, 2, 147 - 156	10.2495/SAFE-V7-N2-147-156	Dangol, N., Day, J. (2017). Flood adaptation by informal settlers in Kathmandu and their fear of eviction. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 147-156. https://doi.org/10.2495/SAFE-V7-N2-147-156
112	Rowan Gard, A., veitayaki, J.	In the wake of Winston - climate change, mobility and resiliency in fiji	Climate Change, Extreme Weather, Faith-Based Organisations (FBOs), Fiji, Mobility, Resiliency, Tropical Cyclone Winston	7, 2, 157 - 168	10.2495/SAFE-V7-N2-157-168	Rowan Gard, A., veitayaki, J. (2017). In the wake of Winston - climate change, mobility and resiliency in fiji. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 157-168. https://doi.org/10.2495/SAFE-V7-N2-157-168
113	Moriera, F.D.A., Rampazo, N.A.M., Castellano, M.S.	Impacts of rainfall and vulnerabilities in the metropolitan region of Baixada Santista, Brazil	Brazil, Disasters, Rainfall, Urbanization, Vulnerability	7, 2, 169 - 179	10.2495/SAFE-V7-N2-169-179	Moriera, F.D.A., Rampazo, N.A.M., Castellano, M.S. (2017). Impacts of rainfall and vulnerabilities in the metropolitan region of Baixada Santista, Brazil. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 169-179. https://doi.org/10.2495/SAFE-V7-N2-169-179

114	Huang, C.J., Hsu, M.H.	Integrating building effect of local grid refinement in urban flood modeling	Blockage Effect, Multi-scale, Urban Inundation Model	7, 2, 180 - 189	10.2495/SAFE-V7-N2-180-189	Huang, C.J., Hsu, M.H. (2017). Integrating building effect of local grid refinement in urban flood modelling. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 180-189. https://doi.org/10.2495/SAFE-V7-N2-180-189
115	Leal, M., Ramos, C.	The potential of two types of urban flooding to cause material damages in Lisbon, Portugal	FREN, FUNN, Insurance Database, Lisbon; Material Damages, Urban Flooding	7, 2, 190 - 200	10.2495/SAFE-V7-N2-190-200	Leal, M., Ramos, C. (2017). The potential of two types of urban flooding to cause material damages in Lisbon, Portugal. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 190-200. https://doi.org/10.2495/SAFE-V7-N2-190-200
116	Saverimuttu, V., Varua, M.E.	Managing the socioeconomic impacts of extreme weather events in the southwest pacific basin	Cyclones, Pacific Islands, Regional Cooperation, Socioeconomic Impacts and Management	7, 2, 201 - 212	10.2495/SAFE-V7-N2-201-212	Saverimuttu, V., Varua, M.E. (2017). Managing the socioeconomic impacts of extreme weather events in the southwest pacific basin. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 201-212. https://doi.org/10.2495/SAFE-V7-N2-201-212
117	Moon, Y.I., Choi, J.H., Kim, M.S., Lee, J.H.	Flood forecasting system of urban areas in south Korea	Flood Risk, Inland-River Combined Flood System, Urban Flood	7, 2, 213 - 220	10.2495/SAFE-V7-N2-213-220	Moon, Y.I., Choi, J.H., Kim, M.S., Lee, J.H. (2017). Flood forecasting system of urban areas in south Korea. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 213-220. https://doi.org/10.2495/SAFE-V7-N2-213-220
118	Jaranovic, B., Trindade, J., Ribeiro, J., Silva, A.	Using a coastal storm hazard index to assess storm impacts in Lisbon	Coast, Hazard Index, Numerical Modelling, Return Period, Waves	7, 2, 221 - 233	10.2495/SAFE-V7-N2-221-233	Jaranovic, B., Trindade, J., Ribeiro, J., Silva, A. (2017). Using a coastal storm hazard index to assess storm impacts in Lisbon. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 221-233. https://doi.org/10.2495/SAFE-V7-N2-221-233
119	Nia, S.P.S., Kulatunga, U.	Safety and security of hospitals during natural disasters: Challenges of disaster managers	Challenges, Disaster Manager, Hospitals, Natural Disasters	7, 2, 234 - 246	10.2495/SAFE-V7-N2-234-246	Nia, S.P.S., Kulatunga, U. (2017). Safety and security of hospitals during natural disasters: Challenges of disaster managers. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 234-246. https://doi.org/10.2495/SAFE-V7-N2-234-246
120	Nadeau, S., Morency, F.	De-icing of aircraft: incorporating business risks and occupational health and safety	Aeronautics, Aircraft Maintenance, Aviation, De-icing, Human Factor Engineering, Integrated Risk Management, Occupational Health and Safety, Sustainable Development	7, 2, 247 - 266	10.2495/SAFE-V7-N2-247-266	Nadeau, S., Morency, F. (2017). De-icing of aircraft: incorporating business risks and occupational health and safety. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 2, pp. 247-266. https://doi.org/10.2495/SAFE-V7-N2-247-266
121	Raicu, S., Costescu, D., Barciu, S.	Analysis of intrinsic factors contributing to urban road crashes	Crash Analysis, Crash Prediction Function, GIS Modelling, Road Safety, Spatial Analysis	7, 1, 1 - 9	10.2495/SAFE-V7-N1-1-9	Raicu, S., Costescu, D., Barciu, S. (2017). Analysis of intrinsic factors contributing to urban road crashes. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 1-9. https://doi.org/10.2495/SAFE-V7-N1-1-9
122	Holický, M.	Reliability required for heritage structures	Artistic Values, Discount Rate, Heritage Structures, Optimization, Reliability, Total Costs	7, 1, 10 - 18	10.2495/SAFE-V7-N1-10-18	Holický, M. (2017). Reliability required for heritage structures. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 10-18. https://doi.org/10.2495/SAFE-V7-N1-10-18
123	Boothroyd, R.G.	The importance of public participation in monitoring risks in large-scale industrial projects: An Australian experience	Open-Cut Coal Mining, Regulation and Management, Risk	7, 1, 19 - 30	10.2495/SAFE-V7-N1-19-30	Boothroyd, R.G. (2017). The importance of public participation in monitoring risks in large-scale industrial projects: An Australian experience. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 19-30. https://doi.org/10.2495/SAFE-V7-N1-19-30
124	Rideout, D.B., Wei, Y., Epps, J.R., Mueller, D., Kernohan, N.	Sustainable development and the great sage-grouse	Economics, Fuel Treatment, Great Basin, Landscape Analysis, Risk, Sage-Grouse, Spatial Planning, STARFire, U.S. Bureau of Land Management, Wildland Fire	7, 1, 31 - 40	10.2495/SAFE-V7-N1-31-40	Rideout, D.B., Wei, Y., Epps, J.R., Mueller, D., Kernohan, N. (2017). Sustainable development and the great sage-grouse. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 31-40. https://doi.org/10.2495/SAFE-V7-N1-31-40
125	Gitelman, L.D., Gitelman, L.M., Kozhevnikov, M.V.	A methodological framework for organizational risk management in energy companies	Energy Companies, Innovation, Organizational Risks, Reliability of Power Supplies, Space of Risk, Transformation Management	7, 1, 41 - 51	10.2495/SAFE-V7-N1-41-51	Gitelman, L.D., Gitelman, L.M., Kozhevnikov, M.V. (2017). A methodological framework for organizational risk management in energy companies. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 41-51. https://doi.org/10.2495/SAFE-V7-N1-41-51
126	Ingham, V., Redshaw, S.	Connecting community organisations for disaster preparedness	Community Resilience, Disaster Management, Shared Responsibility	7, 1, 52 - 64	10.2495/SAFE-V7-N1-52-64	Ingham, V., Redshaw, S. (2017). Connecting community organisations for disaster preparedness. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 52-64. https://doi.org/10.2495/SAFE-V7-N1-52-64
127	Dhoubhadel, B.G., Parry, C.M., Suzuki, M., Raya, G.B., Shrestha, D., Ariyoshi, K.	Vaccination campaign against typhoid in temporary shelters after 2015 earthquake in Bhaktapur, Nepal	Campaign, Children, Disaster, Earthquake, Nepal, Prevention, Relief, Typhoid, Vaccine, Water	7, 1, 65 - 71	10.2495/SAFE-V7-N1-65-71	Dhoubhadel, B.G., Parry, C.M., Suzuki, M., Raya, G.B., Shrestha, D., Ariyoshi, K. (2017). Vaccination campaign against typhoid in temporary shelters after 2015 earthquake in Bhaktapur, Nepal. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 65-71. https://doi.org/10.2495/SAFE-V7-N1-65-71
128	Syngellakis, S.	An improved model for the penetration of a rigid projectile into a ductile target	Characterisation, Ductile Target, Hemispherical Head, Modelling, Ogival Head, Penetration, Rigid Projectile	7, 1, 72 - 84	10.2495/SAFE-V7-N1-72-84	Syngellakis, S. (2017). An improved model for the penetration of a rigid projectile into a ductile target. <i>International Journal of Safety and Security Engineering</i> , Vol. 7, No. 1, pp. 72-84. https://doi.org/10.2495/SAFE-V7-N1-72-84