H2020 Marie Curie RISE – *REMESH* (823759)

H2020 Marie Curie RISE Project: REMESH – Research Network on EMergency REsources Supply CHain

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REMESH newsletter – October 2020

Management
1. The kick-start meeting and workshop for REMESH took place at LJMU on 15-17 July 2019. Each partner attended this event. Feedback comments were given to the consortium from the EU project advisor, Simona Losmanova.
2. REMESH Project meeting – University of Bonn, Mahidol University and project coordinator Dr Jun Ren on 12 December 2019.
3. LUND - Planning meetings between LUSE and MU in Lund, September 2019.
4. Dr Jun Ren produced Project Data Management report to REMESH project portal, 31 October 2019.
5. Professor Dong-Ling Xu from UNIMAN produced/revising Project report "Risk Based Decision Making (Stage 1)" to REMESH project portal, October 2019.
6. Professor Andreas Norrman from LUSE visited Vietnam National University, Hanoi and planned exchange with Professor Nguyen Ha Nam and his colleagues, 3 January 2020
7. UNIMAN: Prof. Xu and Prof. Yang visited MU discussing on research progress and plans, Jan. 2020
8. Project coordinator Dr Jun Ren visited UGR on 29-30 January 2020.
9. Telephone meeting between project advisor Ms Simona Losmanova and Dr Jun Ren on 04/02/2020.
10. Project coordinator Dr Jun Ren visited DCU on 12-13 Feb 2020.
11. Regular communications within REMESH community regarding COVID-19 pandemic.
12. Dr Jun Ren produced Project annual report to REMESH project portal, 30 April 2020.
13. The first REMESH workshop scheduled on 23/05/2020 Wuhan was postponed due to COVID-19 pandemic.
14. Dr Jun Ren produced REMESH framework report to REMESH project portal, 30 June 2020.
15. Discussing Mid-term meeting issues between project advisor Ms Simona Losmanova and Dr Jun Ren on 16/07/2020.
16. The first REMESH workshop took place via ZOOM on 09 September 2020. Project management issues have been discussed after the workshop.
17. Discussions about project Mid-term meeting preparations among project coordinator Dr Jun Ren and consortiums on 16/09/2020.

Exchange
1. LJMU –LJMU has a secondment at MU for 0.7 month, starting June 2019.
2. UNIMAN: Two staff members from MU visited UNIMAN for 2 days in July 2019; Two staff members visited WUT for from 17th July to 9th Aug. During the period, they participate in the preparation of two joint research grant applications. One staff members visited China from 13th July to 9th Aug.
3. WUT –WUT has a secondment at LJMU for 1.23 month, starting July 2019 (Xin-ping Yan 0.2, Di Zhang 0.2, Cheng-peng Wan 0.43, Kun Yang 0.2, Ting-ting Cheng 0.2).
4. WUT –UNIMAN has a secondment at WUT for 0.2 month, starting July 2019（Dong-ling Xu 0.1, Jian-bo Yang 0.1）.
5. WUT-WUT has a secondment at LJMU for 2 month, starting October 2019.

6. WUT- One researcher (Mr. Manuel Ríos de Haro) from UGR spent 1.22 months at WUT from November 2019.
7. LUSE has a secondment at MU for 3.0 months, starting October 2019.
8. LUSE has a secondment at MU for 0,5 months in October 2019.
9. UGR-A staff member from UGR visited WUT in November 2019 for 1.2 months.
10. LJMU - Dr. Thanh visited VNU on Dec 2019.
11. LUSE - Prof. Andreas Norrman visited VNU on Jan 2nd, 2020.
12. LUSE has a secondment at MU for 0,25 months in January 2020.
13. LUSE has a secondment at MU for 2 months in January 2020.
14. UNIMAN –Two staff members from UNIMAN visited MU in January 2020 from the 3rd to the 9th for 7 days.
15. WUT – WUT has secondment at LJMU for 6 months (2019.11.06 -2020.05.05)(Shuwu Wang);
16. WUT has a secondment at UNIMAN for 6 months (2020.02.12-2020.8.13) (Ji Quan).

Conferences/workshops and other information related to REMESH

1. ICTIS2019, Liverpool, UK. Prof. Xinping Yan from WUT and Professor Jin Wang from LJMU organised the 5th International Conference on Transportation Information and Safety, 14-17 July 2019. http://ictis.whut.edu.cn/.
2. Professor Dong-Ling Xu from UNIMAN attended the 4th International Symposium on Evidential Reasoning and Artificial Intelligence in Kunming, China, July 2019.
3. Ahlqvist, V.; Norrman, A. (2019): Exploring Supply Chain Risk Governance, 19th International Supply Chain Risk Management (ISCRiM) seminar, 2-3 Sep 2019, Copenhagen, Denmark.
4. Lucas Correa Dresch is contacting different humanitarian organizations (Doctors without borders, Caritas, Red Cross and UN) to discuss latest developments on cooling technologies and main ERSC management approaches employed during emergency situations.
5. UBO - Literature study about cooling technologies and rapid monitoring technologies to be applied on ERSC.
6. UGR - 8th International Business Servitization Conference, San Sebastian (Spain) (2019), Prof. Daniel Arias Aranda and Luis Miguel Molina Fernández from UGR and Prof. Vladimir Stantchev from SRH University of Applied Sciences Berlin, Applications of Internet of Things (IoT) and Blockchain for supply chain management in humanitarian Disasters

Publications arising from the project
Journal papers

1. Biraj Adhikari, Trakarn Prapaspongsa, (2020)*, Environmental Sustainability of Food Consumption in Asia, Sustainability, 11(20), 5749, doi:10.3390/su11205749.*
2. Ahlqvist, V., Norrman, A. and Jahre, M. (2020), "Supply chain risk governance: towards a conceptual multi-level framework", Operations and Supply Chain Management: An International Journal, Vol. 13 No. 4, pp. 382-395, http://doi.org/10.31387/oscm0430278
3. J. Quan, X. F. Wang, X. J. Wang, D. Xia, J. B Yang (2020), "Performance optimization of supply chain based on cooperative contract with disappointment-aversion strategic consumers", Flexible Services and Manufacturing, https://personalpages.manchester.ac.uk/staff/jian-bo.yang/JB%20Yang%20Journal_Papers/QuangWangWangXiaYang-FSM-Sopply-Chain-Final%20Version.pdf.
4. Fatima Almaghrabi, Dong-Ling Xu, Jian-Bo Yang, "An Evidential Reasoning Rule Based Feature Selection for Improving Trauma Outcome Prediction", Expert Systems with Applications, 1st round review.
5. Thongsukdee, P., Weerawat, W., Physician Workforce Planning and Allocation Model using Agent-Based Modeling: A Case Study in Thailand, International Journal of Health Planning and Management, DOI: 10.1002/hpm.3041.
6. Wu Ouyang, Zhenjiang Zhou, Yong Jin, Xinping Yan, Yuanchang Liu, (2020), *Ultrasonic measurement of lubricant film thickness distribution of journal bearing, Review of Scientific Instruments, 91(6), 065111, doi:10.1063/5.0007481.*
7. Daniel Arias Aranda, Agustín López-Sánchez, Gustavo F. Bautista-Carrillo (2020), Analysis of the impact of high voltage power lines on the value of properties in environments of high ecological value and rural tourism: the case of the Lecrin valley (Granada - Spain), International Journal of Business Environment.

Conference papers

1. Arias Aranda, D.; Molina Fernández, L.M.; Stantchev, V. (2019): Integration of Internet of Things (IoT) and Blockchain to increase humanitarian aid supply chains performance, 5th International Conference on Transportation Information and Safety, 14-17 July 2019. http://ictis.whut.edu.cn/.
2. Wan C., "Identifying influential ports in maritime shipping networks based on multi-criteria decision making", The 2nd International Conference of the Yangtze River Research and Innovation Belt (Y-RIB), December 1-3, Chongqing, China, 2019.
3. Ahlqvist, V.; Norrman, A.; Jahre, M. (2019): RISK GOVERNACE FOR PROTECTING CRITICAL INFRASTRUCTURE SUPPLY CHAINS: TOWARDS A CONCEPTUAL MULTI-LEVEL FRAMEWORK, 9th International Conference on Operations and Supply Chain Management, 15-18 Dec 2019, Ho Chi Minh City, Vietnam. https://www.journal.oscm-forum.org/journal/proceeding/conf_paper/oscm-conf-risk-governace-for-protecting-critical-infrastructure-supply-chains-towards-a-conceptual-multi-level-framework
4. Makki A.A., Nguyen T.T., Ren J. (2019) "A New Level of Service Method for Roas Based on Available Perception Time and Risk of Sustaining Sever Injury or Death". IEEE Xplore, 14-17 July 2019.
5. Senarak D., Kritchanchai D., 3PL Managed SPD-Based Logistics Management Model for Hospital Supply Chain: A Case Study of Hospital Supply Chain in Thailand. Proceedings of International Industrial Engineering and Applications. (IEEE 2020) 16-18 April 2020, Bangkok, Thailand.
6. Kong, S., Liangrokapart, J., Developing Performance Measurement System in Food Industry: A Literature Review, Proceedings of 9th International Conference on Operations and Supply Chain Management (OSCM 2019), 15-18 December 2019, Ho-Chi-Minh-City, Vietnam.
7. Tao, JL.; Zhang, D.; Wan, CP.; (2020): Review of maritime shipping networks research in the context of the Belt and Road Initiative, 5th Belt and Road Initiative Conference.
8. Liangrokapart, J., 2020, Metro Performance Indicators for Service Operations in Thailand, In W. Weerawat et al. (eds), Urban Rail Transit (pp.99-113), Springer Nature, doi: 10.1007/978-981-15-5979-2_5.
9. Lindström, J., and Johansson, J. (2020). Towards Understanding Critical Flows – A Literature Review. In P. Baraldi, F. Di Maio, and E. Zio (Eds.) Proceedings of the 30th European Safety and Reliability (ESREL) Conference and the 15th Probabilistic Safety Assessment and Management (PSAM) Conference, Venice, Italy, 2-4 November 2020. Research Publishing, Singapore. ISBN/DOI: 978-981-14-8593-0.

Other publications

Invited presentations

1. Jun Ren, "Emergency Supply Chain Management: Challenges and Opportunities", invited presentation at Mahidol University, Bangkok, 11th June. 2019
2. Dong-Ling Xu, "Data-Driven Evidential Reasoning for Automobile Insurance Fraud Detection", a plenary presentation at the 4th International Symposium on Evidential Reasoning and Artificial Intelligence, Kunming, Yunnan, China, 31 July, 2019.
3. Jian-Bo Yang, "Interpretable Machine Learning and Decision Making via Evidential Reasoning", invited presentation at Tongji University, Shanghai, 7th Aug. 2019
4. Professor Dong-Ling Xu and Professor Jianbo Yang from UNIMAN delivered seminars on "Interpretable Machine Learning and Decision Making via Evidential Reasoning"
5. Professor Dong-Ling Xu from UNIMAN provided a keynote speech on "Business Analytics and AI Decision Systems Research and Application" at the Seventh International Research Conference on Systems Engineering and Management Science in Hefei, China.
6. Professor Andreas Norrman from LUSE provided a lecture on "Multiple Case Study Analysis", invited presentation at Mahidol University, Bangkok, 8th Oct 2019.
7. Professor Andreas Norrman from LUSE provided a lecture on "Measuring Change Initiatives" invited presentation at Mahidol University, Bangkok, 10th October 2019.
8. Presentation of the ReMESH project to Bachelor, Master and PhD students of the University of Bonn. Introduction of the project to students interested in taking part of the project. November 2019.
9. Dr Jun Ren, "REMESH project and its Implementations", invited presentation at Business School of DCU, Dublin, 12ed Feb. 2020
10. Liangrokapart, J., 2020, Metro Performance Indicators for Service Operations in Thailand, Urban Rail Transit, Springer Nature, DOI: 10.1007/978-981-15-5979-2_5.
11. Dr. Ha-Nam Nguyen, introduction of ReMESH project at International School of VNU, August 26th, 2020
12. Dr. Ha-Nam Nguyen, introduction of ReMESH project and its application at University of Science and Technology - The University of Danang (DUT), November 16th, 2020