

Curriculum Vitae
Dr Jason von Meding

Florida Institute for Built Environment Resilience, 606 SE Depot Ave, Gainesville
Telephone: (352) 294 3374
Email: jason.vonmeding@ufl.edu

Personal Profile

Dr Jason von Meding is an Associate Professor at the University of Florida and founding faculty of the Florida Institute for Built Environment Resilience (FIBER). Before moving to the U.S. he spent 6 years at the University of Newcastle, Australia, where he established the Disaster and Development Research Group. He obtained his PhD from Queen's University Belfast, where he also spent 3 years on faculty. Dr. von Meding's research focuses on the social, political, economic and environmental injustice that causes people, across global societies but particularly in the developing world, to be marginalised and forced into greater risk of being impacted by disasters. He has particular expertise in the Asia Pacific region and has collaborated with a range of industrial and humanitarian partners including the Red Cross, Save the Children, the United Nations, NSW State Emergency Services and Habitat for Humanity. He has published over 80 peer-reviewed papers and has secured over 3 million dollars in external research funding in his career to date. Over 10+ years in the field he has established a robust international reputation in DRR and Community Resilience. He has supervised 5 PhD students to completion, with several more in progress. He has a passion for communicating about disasters and risk to the general public, using mediums such as journalistic writing and filmmaking. His acclaimed podcast "Disasters: Deconstructed" is entering a second season in 2020.

Education and Qualifications

PhD Construction (Disaster) Management	<i>Queen's University Belfast</i>
BArch	<i>Queen's University Belfast</i>
BSc Architecture	<i>Queen's University Belfast</i>

Awards/ Esteem Factors/ Professional Standing

Awards

- Overall winner of University of Newcastle Vice-Chancellor's Award for Research and Innovation Excellence 2017
- Winner of Faculty Pro Vice-Chancellor's Award for Research and Innovation Excellence 2017 - Faculty of Engineering & Built Environment
- Winner of award for mid-career research excellence 2015 - School of Architecture & Built Environment
- Winner of Faculty Pro Vice-Chancellor's Award for Excellence in Research Performance 2014 - Faculty of Engineering & Built Environment
- Literati Award Winner 2014: Built Environment Project and Asset Management (Emerald Publishing)- Highly Commended Paper

Invitations

- Visiting scholar at National University of Civil Engineering, Vietnam, 2011-present
- Invited speaker Architecture Sans Frontieres Summer School, 2012
- Invited speaker by Ministry of Construction, Vietnam, 2013
- Invited speaker at ANDROID Disaster Resilience Doctoral School, 2014
- Invited speaker for Keynote Panel on Disaster Governance, Davos, 2014
- Invited speaker at University of Auckland, 2014
- Invited speaker and panellist for UON 50th Anniversary Webinar, 2015
- Invited speaker at Beijing Normal University, Beijing, China, 2016

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- Invited speaker on disaster education, Penang, Malaysia, 2016
- Invited speaker and panellist on disasters and cities, VACI 2016, Da Nang, Vietnam
- Invited speaker and panellist for Narratives of Climate Change Symposium, Climate Justice Panel, Newcastle, 2018
- Keynote speaker, 4th Biennial Conference for the Southern Africa Society for Disaster Reduction, Durban, South Africa, October 2018

Service to Academic Field

- Paper reviewer for journals including:
 - Disaster Prevention and Management
 - Disasters Journal
 - International Journal of Disaster Risk Reduction
 - International Journal of Disaster Resilience in the Built Environment
 - International Journal of Project Management
 - Built Environment Project and Asset Management
 - Journal of Engineering, Design and Technology
 - ICE Urban Design and Planning
 - Project Management Journal
 - International Journal of Disaster Risk Science
 - JAMBA
- Member of various Conference Scientific Committees, 2010-present
- Conference Organising Committee, SBE 2013, Hanoi, Vietnam
- Conference Organising Committee, International Building Resilience Conference 2015, Newcastle, NSW
- Session chair i-Rec 2013, Ascona, Switzerland
- Session chair, International Building Resilience Conference 2015, Newcastle, NSW
- Guest Editor for special edition of International Journal of Architecture Research (IJAR) on *Post-Conflict and Post-Disaster Reconstruction*, November 2013
- Guest Editor for special edition of International Journal of Project Management (IJPM), 2017
- I-Rec 2019 Conference Chair, Gainesville, Florida

Other Activities

- Founder of DRR Education Network (DRR-ED.ORG)
- International Humanitarian Consultancy
- PhD examiner multiple universities in Australia, New Zealand and South Africa
- Co-ordinator of CIB Working Commission 120- Disasters and the Built Environment
- Member of UrbanGrowth Communities of Practice 2016-2018
- Member of Shelter Reference Group, convened by Habitat for Humanity, 2016-2018
- Film Production (feature length documentary DEVIATE coming soon)
- Co-host of the podcast Disasters: Deconstructed

Current Employment

January 2019-present

University of Florida, United States- Associate Professor

Jason is an Associate Professor at the University of Florida and a founding faculty member of the Florida Institute for Built Environment Resilience. His appointment is in the Rinker School of Construction Management. He teaches BCN6585 Principles of Sustainable Development and Construction and BCN6583 Sustainable Housing.

Previous Employment

April 2013-January 2019

University of Newcastle, Australia- Senior Lecturer

Jason was a Senior Lecturer at the University of Newcastle (Construction Management) from 2013-2018 and delivered courses and engaged in scholarly activities at the School of Architecture & Built

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Environment. From 2014-2016 he was the Head of Discipline, leading Construction Management towards greater clarity in research focus and the delivery of consistency in educational offerings. He also served as Director of PhD Programs in the school from 2017-2018.

Teaching in Post:

- ARBE6604/6614 Professional Practice in Disaster Management (PG) Co-ordinator (2013-2018)
- ARBE4302 Disaster Resilience in the Built Environment (UG) Co-ordinator (2013-2018)
- ARBE3308 Building Information Modelling (UG) Co-ordinator (2013-2018)
- ARBE4121B Research in the Built Environment (UG) Co-ordinator (S2 2013)

Head of Discipline Responsibilities (June 2014-June 2016):

- Chair Discipline Meetings
- Chair Teaching Retreats
- Chair Research Retreats
- Organise Industry Advisory Panel
- Sit on and Report to School Executive Group
- Manage Sessional and Discretionary Budgets
- Staff Management and Workload
- Maintain relationship with conjoint staff
- Represent Discipline at Open Day speaking engagements
- Represent Discipline at Orientation Sessions
- Manage Professional Accreditation and Visiting Panel Visits
- Liaise with Professional Bodies and Industry partners
- Involved in Program Structure, Curriculum and Renewal across portfolio
- Manage Student Complaints
- Manage Profile of the Discipline
- Contribute to Marketing Strategy for Discipline
- Contribute to staff professional development process
- Oversee marking moderation procedure
- Organise opportunities for staff development
- Mentoring of staff
- Career and Succession planning

Director of PhD Programs Responsibilities (April 2017 - August 2018):

- Chair or delegate an independent Chair upon COI for confirmation of candidature /upgrades of candidature in the school
- Receive and review postgraduate applications from the faculty office
- Connect applicants with appropriate supervisors
- Complete enrolment paperwork and sign off as HOS proxy when appropriate
- Monitor confirmation and upgrade progress via the Office of Graduate Studies data
- Initiate and share PhD confirmation/upgrade events, provide feedback to candidate, and complete paperwork
- Collaborate with supervisors and postgraduate candidates to build a strong culture of support and shared learning which may include seminars, mentoring programs, and other events
- Help develop and support SABE Practice Based Research stream as well as Thesis Stream activities
- Membership of Faculty Research Committee (including internal scholarship and grant assessment).

Other Responsibilities:

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- Leader of Disaster and Development Research Group
- Leading and participating in approx. 10 national and international research bids per annum
- Postgraduate student recruitment in Asia
- School marketing committee 2013-2015
- Global networking and academic collaboration
- HDR supervision
- Development of new course in Building information Modelling (ARBE3308)
- Methodological Peer Reviews for School Research Ethics Process
- Member of Faculty Board 2016-2018

July 2010-April 2013 Queen's University Belfast- Lecturer in Construction Management

Served as lecturer in the School of Architecture, Planning and Civil Engineering at Queen's University Belfast until April 2013, teaching a range of courses and contributing in various administrative capacities, while leading research in the construction management group.

Teaching in Post:

- ARC8071 Research Methods for Managers (PG), Co-ordinator
- ARC8057 Disaster Management & Mitigation (PG), Co-ordinator
- ARC8053 Design Management (PG) Co-ordinator
- CIV3004 Management & Economics (UG), Co-ordinator
- CIV4001 Construction Management (UG), Co-ordinator
- CIV8001 Project Management (PG)

Other Responsibilities:

- Research leader for construction management group 2012-2013
- International study tour organiser 2010-2013
- MSc Construction & Project Management Admissions 2011-2013
- MSc Dissertation coordinator 2010-2012
- Publicity committee 2010-2013
- Postgraduate student recruitment 2010-2012
- Grant-writing experience in EPSRC, TSB, CDKN and EUFP7 bids
- Supervised 32 MSc dissertations to successful completion
- Supervision of 4 PhD students
- School Post-Graduate Research Committee 2008-2010

2006-July 2010 Queen's University Belfast- Tutor/ Teaching Assistant

Involved in Stage 1 & 2 architecture design studio as well as various modules on the MSc Construction & Project Management course

2004-2007 Ostick & Williams Architects- Architectural Assistant

Over 3 years full-time and part-time employment with leading Belfast architectural firm, working with large and small clients in a wide variety of sectors.

Research Supervision

- Supervised **40+ Masters** thesis students (at QUB and UON) and **40+ honors** thesis undergraduate students at UON to successful completion.

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- Supervised 5 PhDs to successful completion:
 - **Didem Yilmaz (2015)** - 'Transformation of the built environment in rural eastern Turkey: An investigation on state-built post-earthquake permanent housing projects'
 - **Rafiu Olugbenga Salami (2017)** - 'Determinants of urban settlements' vulnerability to flood risk in Ibadan Metropolis, Nigeria'
 - **Riona McGrath (2018)** - 'A community-driven approach to material management in post-disaster reconstruction'
 - **Dieu Chinh Luu (2018)** - 'Developing an integrated flood risk assessment framework for Central Vietnam'
 - **Giuseppe Forino (2019)** - 'Climate Change Adaptation and Disaster Risk Reduction Integration in Australia: A Question of Hybrid Governance?'
- Currently supervising 6 PhD students (from previous employment) at University of Newcastle
 - **Jai Allison** – Community Resilience and Organizing in Northern New South Wales
 - **Dunsin Ajulo** – Transitional community risk reduction in Lyttelton, New Zealand
 - **Ali Papzan** – Earthquake preparedness at household scale in Kermanshah, Iran
 - **Sulala Al-Hamadani** – Construction waste minimization in New South Wales
 - **Rumana Asad** - Flood mitigation through urban land use in Bangladesh
 - **Thomas Johnson** – Vulnerability reduction among displaced Rohingya in Bangladesh through humanitarian programming
- Currently co-supervisor for 3 additional PhD students at UON

Selected Research Funding

2019

Consortium on Trust in Media and Technology (PI)

\$100,000

A behavioral social psychology investigation of the role of trust in building resilient communities in Florida

***Summary:** Dr von Meding received funding from the Consortium on Trust to work with behavioral social psychologist Dr Colin Tucker Smith for 2 years, beginning in 2020. They will hire a post-doctoral researcher and together curate a portfolio of work to a) demonstrate political differences in moral and temporal cognition towards socially oriented (rather than hazard-oriented) responses to disaster mitigation and b) Directly test the significance of trust in efforts to build resilient communities - e.g. via education, capacity building and grassroots-led advocacy, activism and democracy.*

Florida Resilient Cities Program (PI)

\$7,000

A photovoice investigation of disaster risk perception in Port St Joe, Florida

***Summary:** Dr von Meding is leading a community based participatory research project that looks at how language/narrative/stories about disasters intersect with trust between producers of knowledge and those experiencing risk. The project begins in January 2020 and will last for 6 months.*

2018

Foundation for Rural and Regional Renewal (Co-PI)

AUD\$100,000

Community Led Disaster Planning: Development of Evaluation and Monitoring Framework for Disaster Resilient: Future Ready Program.

***Summary:** Dr von Meding joins a team from the University of Sydney to co-develop an evaluation and monitoring framework for the Get Ready NSW program with 3 pilot communities. This is an action research project, looking at how communities self-organise. The long-term strategy of the federal Office for Emergency Management is to roll out the program and framework developed to all states.*

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Council on Australia Latin America Relations (DFAT) (Co-PI)

AUD\$30,000

Disaster Resilience Education Capacity Building in Latin America

***Summary:** Dr von Meding is part of the team expanding the DRR-ED Network to Latin America. The project builds on the previous 2 DFAT grants led by Dr von Meding and also enables research to be continued into curriculum mapping against the SENDAI Framework.*

2017

Asia Pacific Network for Global Change Research (Co-PI)

AUD\$55,000

Understanding the opportunities and challenges of compliance to safe building codes for disaster resilience in South Asia - the cases of Bangladesh and Nepal

***Summary:** This project will explore the opportunities and challenges to compliance of safe building codes for disaster resilience in South Asia, focusing on two countries of the region, Bangladesh and Nepal. Recent disasters in both countries highlight that the problem lies in non-compliance to building codes. Such disasters have brought institutional and community awareness of the importance of safe building codes, presenting a germane opportunity to undertake this project. Dr von Meding will participate as a DRR expert in the project led by Dr Ifte Ahmed.*

Save the Children (PI)

AUD\$88,000

Critical Factors for Post-Disaster Educational Continuity in Urban Flood Impacts in South and Southeast Asia

***Summary:** This research study put in place a robust longitudinal research framework for South and Southeast Asia, providing an inclusive and comprehensive perspective on the impact of flood events on schools and education stakeholders. An holistic approach enabled the development of effective strategies for implementation of disaster risk reduction and resilience initiatives within the Save the Children organization in the selected case study countries (Vietnam, Thailand and Bangladesh), and the potential to generalize findings to the wider region. Using participatory action research design, Dr von Meding led a team in the development of robust empirical data to inform practitioners for future "safe school" activities in the region. The team gathered multi-stakeholder perspectives from students, families, teachers, administrators, decision-makers, government agencies and non-governmental organizations (NGOs) that are involved in managing the interruption of education and in finding temporary alternatives or solutions to ensure continuity of education. The project was completed in December 2017 and several outputs are forthcoming.*

Community Resilience Innovation Program (CRIP) (Co-PI)

AUD\$92,485

Community Severe Weather Response Plans

***Summary:** This project will see the University of Newcastle work alongside NSW State Emergency Service (project lead) to develop Community Severe Weather Response Plans for 5 NSW towns. In partnership with Local Land Services, the team will collaborate with the community to develop severe weather response plans for lower Macleay, Manning Point, Raymond Terrace, Hinton and Wallalong. Dr von Meding will contribute to research design, project management and data analysis and dissemination.*

Community Resilience Innovation Program (CRIP) (Co-PI)

AUD\$119,700

Dungog Community Disaster Preparedness and Resilience Strategy

***Summary:** Dr von Meding and the University of Newcastle team will contribute to this project led by Dungog Information & Neighbourhood Service Inc. aimed at developing a community-led disaster preparedness and resilience strategy for Dungog. The key responsibilities of the research team at UON will be monitoring and evaluating community-led activities.*

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2016

NSW State Emergency Services (SES) (Co-PI)

AUD\$35,000

Post Disaster Research and Innovation Project – Stronger for the Storm

***Summary:** While the 2015 Hunter Storms was still fresh in the minds of those communities most impacted, there was an opportunity to explore, document, reflect on and learn from the ingenuity, relational and social capital and practical responses mobilised by communities before, during and after the crisis. Dr von Meding joined a team from Social Work, led by Dr Amanda Howard, to deliver this study for the NSW State Emergency Service. The research gathered data with (rather than about) communities, focusing on what worked well in effectively responding and recovering, as well as what was missing or unsuccessful in these efforts, using interviews, focus groups and SES disaster response data. The research findings will allow an integrated approach to engaging with communities to emerge, working towards more effective responses in the future for the NSW SES.*

Australia-ASEAN Council (Department of Foreign Affairs and Trade) (PI)

AUD\$70,000

Disaster Resilience Education Capacity Building in South-East Asia

***Summary:** The project established a multi-year partnership between leading Universities in the ASEAN region and the University of Newcastle (UON), Australia, to build regional capacity, share knowledge and create educational synergy in the area of disaster resilience and risk reduction. The project leveraged UON's particular position as a centre for excellence in resilience/risk reduction education to develop an understanding of regional challenges that result from complex problems generated by natural hazards and human induced threats. The University of Newcastle (Australia), Universiti Sains Malaysia (USM), the Asian Institute of Technology (AIT, Thailand), the University of the Philippines (UP) and the National University of Civil Engineering (NUCE, Vietnam) formed a robust regional network with the collective capacity to lead initiatives that protect society from shocks to physical, socio-cultural, politico-economic and natural systems. Dr von Meding led the project, which launched in March 2016 and was completed in December 2017.*

2015

Natural Sciences and Engineering Research Council (NSERC) (Canada) (Co-PI)

AUD\$1,740,000

Advanced Disaster, Emergency and Rapid Response Simulation (ADERSIM)

***Summary:** The Advanced Disaster, Emergency, and Rapid Response Simulation (ADERSIM) CREATE industry stream program will enhance Canada's capacities in public safety and emergency management through innovative training, research, and development of professionals in state-of-the-art simulations and emergency management information systems. Over 6 years, the ADERSIM program will train dozens of researchers with strong interdisciplinary theoretical, technical, and professional skills in advanced and disaster and emergency data mining, information management, modelling, including the latest developments in Web Data Mining and Information Retrieval, Agent-Based Modelling (ABM), Dynamic and Adaptive Optimization, WebGIS, and 3D Visualization. Dr von Meding is an international co-investigator in this project, bringing UON into a global network of the very best research teams in disaster simulation.*

Office for Learning and Teaching (OLT) (PI)

AUD\$50,000

Modelling disaster resilience: enhancing student learning through trans-disciplinary simulation of wicked scenarios (RES-SIM)

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Summary: Completed in May 2016, the RES-SIM project is a collaboration between the University of Newcastle and RMIT University, funded by the OLT. The project collected multiple streams of data through interviews, focus groups and workshops in order to develop a conceptual model for a virtually distributed computer-based teaching and learning tool. Through an inter- and multi-discipline approach for both on and off campus students, this tool will enable students to acquire essential decision-making skills for disaster management and to apply collaborative approaches through a dynamic disaster system simulation. RES-SIM contributes to Australian higher education and emergency management training by promoting effective and efficient online learning. Dr von Meding led and delivered the complete project to the OLT.

Office for Learning and Teaching (OLT) (Co-PI)

AUD\$39,000

Building Resilience: Developing a resilience toolkit for employability in built environment graduates

Summary: The ability to cope and draw on resilience skills reduces tension, stress and enhances performance. This research project addressed this shortcoming within Australian construction management degree programs through investigation of the current situation across the country, creating a 'resilience toolkit' that provides advice to academics and students in accessible way. Professor Peter Davis led the project, with Dr von Meding acting as an expert in resilience theory as part of the research team.

2014

Department of Foreign Affairs and Trade (PI)

AUD\$38,250

Australia-China Council, Resilience Education Australia-China-Taipei (REACT) Network

Summary: Under the mandate of the Department of Foreign Affairs and Trade, the establishment of the Resilience Education Australia-China-Taipei (REACT) Network represented a significant development in Sino-Australian relations. Across the Asia-Pacific Region, disaster resilience is a pressing concern for nations that are frequently exposed to high risk of multiple hazards. Universities have a key role to play, taking the lead in disaster risk reduction research, informing policy formation and in educating the professionals of tomorrow. Dr von Meding designed and led the project, bringing together three top higher education institutions with internationally recognised experts in resilience, from different countries and very different disciplines. The Network continues to yield productive outcomes in the form of continuing collaborative opportunities and established an initial working relationship between the UON disaster group and DFAT, which was consolidated through the Australia-ASEAN Council project and then the COALAR project.

Department of Foreign Affairs and Trade (Co-PI)

AUD\$21,500

Asia Outbound Short Term Mobility Grant

Summary: This grant, led by Associate Professor Jamie Mackee, allowed the School of Architecture and Built Environment to offer a 2-week study tour in China in January 2016. The objective of the project was to provide 10 students with an opportunity to become Asia-literate and gain a first-hand experience of China in the context of disaster resilience and risk reduction. Dr von Meding travelled to China with students from his ARBE4302 course to study disaster management principles in the Chinese context. The visit was coordinated with Beijing Normal University (hosting) and Ming Chuan University, Taiwan (both REACT Network partners), who also sent a group of students as a continuation of collaborations between the universities.

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2013

Technology Strategy Board (Co-PI)

GBP£650,736

Supply Chain Collaborative BIM System for Minimizing Construction Waste in Design

Summary: Before leaving the UK for UON, Dr von Meding helped to secure this major funding to create a tool that designers and contractors can use to successfully predict and reduce construction waste at design phase. Led by Professor Lukumon Oyedele (The University of the West of England), the soon-to-be-completed project is developing an intelligent BIM system using early supply chain involvement (ESCI) to tackle the problem at holistic level, by designing at all the 6 waste spectrums. These include (i) prediction of quantities and identifying sources of waste at design stage, (ii) material re-use and recovery, (iii) material optimisation (iv) off-site construction, (v) waste efficient procurement and, (vi) deconstruction and flexibility. The BIM system uses innovative Data Mining and Knowledge discovery techniques with heuristic-based search optimization.

Knowledge Transfer Partnership (KTP) (PI)

GBP£125,787

Embedded BIM Systems for Architectural Practice

Summary: This project was led by Dr von Meding prior to his departure from the UK for UON. The research was a collaboration with a leading Belfast architectural firm, Ostick & Williams Architects. The key objectives were to embed competencies in Building Information Modelling (BIM), to gain leadership in collaborative international design teams and to develop competitive advantage in all markets. The firm was able to fully implement BIM practices in their business, enabling the workforce to take the lead in collaborative design teams using the latest knowledge and information sharing technology. The UK Government's BIM mandate required fully collaborative 3D BIM by 2016 and it was vital to not only fully implement BIM, but also develop novel BIM techniques to expand existing and penetrate new markets.

*denotes funds secured in UK, in pounds sterling

Selected Publications

(I) Published Papers

- Wang, Y., Hulse, D., von Meding, J., Brown, M. and Dedenbach, L. (2020), *Conceiving Resilience: Lexical Shifts and Proximal Meanings in the Human-Centered Natural and Built Environment Literature from 1990 To 2018*, *Developments in the Built Environment* 1 (1)
- Chmutina, K. and von Meding, J. (2019), "Natural disasters" in academic literature, *International Journal of Disaster Risk Science*, 10(3), pp 283-292
- Woldemariam, S., Maguire, A. and von Meding, J. (2019), *Forced Human Displacement, the Third World, and International Law: A TWAIL Perspective*, *Melbourne Journal of International Law*, 20(1)
- Luu, C, Von Meding, J. Mojtahedi, M (2019), *Vietnam's national disaster loss database for flood risk assessment using multiple linear regression-TOPSIS*, *International Journal of Disaster Risk Reduction*, 40
- Forino, G., von Meding, J. and Brewer, G. (2019), *Community based initiatives to mainstream climate change adaptation into disaster risk reduction: evidence from the Hunter Valley (Australia)*, *Local Environment*, 24:52-67
- Forino, G., von Meding, J., Brewer, G. (2018), *Challenges and opportunities for Australian local governments in governing climate change adaptation and disaster risk reduction integration*, *International Journal of Disaster Resilience in the Built Environment*, 9:258-272
- Luu, C, Von Meding, J. Kanjanabootra, S (2018), *Assessing flood hazard using flood marks and analytic hierarchy process approach: a case study for the 2013 flood event in Quang Nam, Vietnam*, *Natural Hazards*, 90:1031-1050
- Luu, C, von Meding, J. (2018), *A flood risk assessment of Quang Nam, Vietnam using spatial multicriteria decision analysis*, *Water*, 10(4):461
- Luu, C, Von Meding, J. Kanjanabootra, S (2018), *Flood risk management activities in Vietnam: A study of local practice in Quang Nam province*, *International Journal of Disaster Risk Reduction*, 28:776-787

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- Ahmed, I, Gajendran, T, Brewer, G, Maund, K, Von Meding, J. Mackee J (2018), *Compliance to building codes for disaster resilience: Bangladesh and Nepal*, Procedia Engineering, 212:986-993
- Cooper, V, Forino, G, Kanjanabootra, S, von Meding, J. (2017), *Critical Dimensions for the Effective Design and Use of Simulation Exercises for Emergency Management in Higher Education*, Journal of Applied Research in Higher Education, 9(4):530-549
- Forino, G, von Meding, J., Brewer, G, van Niekerk, D. (2017), *Climate Change Adaptation and Disaster Risk reduction integration: Strategies, Policies, and Plans in three Australian Local Governments*, International Journal of Disaster Risk Reduction, 24:100-108
- Salami, R., Von Meding, J. and Giggins, H. (2017), *Urban settlements' vulnerability to flood risks in African cities: a conceptual framework*, Jàmbá: Journal of Disaster Risk Studies, 9(1)
- Mojtahedi, M., Newton, S. and Von Meding, J. (2017), *Predicting the resilience of transport infrastructure to a natural disaster using Cox's proportional hazards regression model*, Natural Hazards, 85(2):1119-1133
- Luu, T. D. C., Von Meding, J., & Kanjanabootra, S. (2017), *Balancing Costs and Benefits In Vietnam's Hydropower Industry: A Strategic Proposal*, International Journal of Disaster Resilience in the Built Environment. 8(1)
- Chang-Richards (Alice) Y, Rapp R, Wilkinson S, von Meding J., Haigh R, (2017), *Disaster recovery project management: A critical service*, International Journal of Project Management, 35 783-787
- Enshassi A, Chatat T, Von Meding J., Forino G, (2017), *Factors Influencing Post-disaster Reconstruction Project Management for Housing Provision in the Gaza Strip, Occupied Palestinian Territories*, International Journal of Disaster Risk Science, 8 402-414
- Salami RO, Von Meding J., Giggins, H. (2017), *Vulnerability of human settlements to flood risk in the core area of Ibadan metropolis, Nigeria*, Jàmbá : Journal of Disaster Risk Studies, 9 (1)
- Von Meding, J. (2016), *Exposing the profiteers of globalisation, disaster, conflict and detention*, Jàmbá: Journal of Disaster Risk Studies, 8(1)
- Forino, G., Mackee, J. and von Meding, J. (2016), *A proposed assessment index for climate change-related risk for cultural heritage protection in Newcastle (Australia)*, International Journal of Disaster Risk Reduction, 19, 235-248
- Von Meding, J., Wong, J., Kanjanabootra, S., & Taheri Tafti, M. (2016). *Competence-based system development for post-disaster project management*. Disaster Prevention and Management, 25(3), 375-394.
- Forino, G., von Meding, J., & Brewer, G. J. (2015). *A Conceptual Governance Framework for Climate Change Adaptation and Disaster Risk Reduction Integration*. International Journal of Disaster Risk Science, 6(4), 372-384.
- Boshier, L., Johnson, C., & Von Meding, J. (2015). *Reducing disaster risk in cities: moving towards a new set of skills*. Proceedings of the Institution of Civil Engineers: Civil Engineering, 168(CE3), 99.
- von Meding, J., Oyedele, L., & Bruen, J. (2014). *Linking Organisational Competency to Project Success in Post-Disaster Reconstruction*. Open House International, 39(3), 9-18.
- Yilmaz, D., Von Meding, J., & Kirkmaz Erk, G. (2013). *A Theoretical Approach to the Design of a Survey Instrument in Post-Disaster Reconstruction: Defining Indicators for a Human-Based Study in Rural Built-Environment*. International Journal of Architectural Research, 7(3), 40-56.
- Bruen, J., Von Meding, J., & Hadjri, K. (2013). *An Analysis of an International NGOs Design Decision Making in Post-Disaster Developing Country Context: A Sri Lanka Case Study*. International Journal of Architectural Research, 7(3), 130-145.
- Von Meding, J., MacKee, J., & Gajendran, T. (2013). *Editorial: Built Environment Perspectives on Post-Disaster Reconstruction*. International Journal of Architectural Research, 7(3), 8-13.
- Von Meding, J., McAllister, K., Oyedele, L., & Kelly, K. (2013). *A Framework for Stakeholder Management and Corporate Culture*. Built Environment Project and Asset Management, 3(1), 21-41.
- Bruen, J., Hadjri, K., & Von Meding, J. (2013). *Design Drivers for Affordable and Sustainable housing in Developing Countries*. The Journal of Civil Engineering and Architecture, 7(10), 1220-1228.
- Yilmaz, D. G., Von Meding, J., & Erk, G. K. (2013). *Post-earthquake damage assessment process and problems in turkey - A case study in van province*. Key Engineering Materials, 569-570: 310-318.
- Von Meding, J. (2012). *Emergency Management in Developed Countries: An Investigation of Hazard Risk, Vulnerability and Government Response in the UK and USA*. Journal of Disaster Advances, 5(4), 921-927.
- Von Meding, J., Oyedele, L., Cleland, D., McGrath, R., & Bruen, J. (2012). *A Competence-Based Post-Disaster Reconstruction Process*. The International Journal of the Constructed Environment, 2(1), 51-66.
- Von Meding, J., Oyedele, L., & Cleland, D. (2011). *Mapping NGO Competency to Reduce Human Vulnerability in Post-disaster Communities: Comparing Strategies in Sri Lanka and Bangladesh*. International Journal of the Humanities, 8(11), 119-138.

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- Von Meding, J., Oyedele, L., & Cleland, D. (2009). *Developing NGO competencies in post-disaster reconstruction: a theoretical framework*. Journal of Disaster Advances, 2(3), 36-45.

(II) Presentations at Conferences

- Ajulo, D., von Meding, J. and Tang, P. (2019), *Localization: A tool for vulnerability reduction*, Proceedings of 9th International i-Rec Conference, Disrupting the Status Quo, June 5-7, University of Florida, USA
- Johnson, T., von Meding, J. (2019), *Reducing the vulnerability of the forcibly displaced in Bangladesh*, Proceedings of 9th International i-Rec Conference, Disrupting the Status Quo, June 5-7, University of Florida, USA
- Forino, G., Thai, H., Luu, C., von Meding, J. and Dao, N.H. (2019), *The New Silk Road: toward large-scale disaster risk creation? A case study of SEZs in Vietnam*, Proceedings of 9th International i-Rec Conference, Disrupting the Status Quo, June 5-7, University of Florida, USA
- Salami, R., von Meding, J. and Giggins, H. (2019), *An empirical investigation of urban settlements' flood vulnerability in Ibadan Metropolis, Nigeria*, Proceedings of 9th International i-Rec Conference, Disrupting the Status Quo, June 5-7, University of Florida, USA
- Asad, R., von Meding, J. and Ahmed, I. (2019), *Urban water management practices of Khulna city: Hydro-Social contact for transformation towards Water Sensitive Cities*, Proceedings of 9th International i-Rec Conference, Disrupting the Status Quo, June 5-7, University of Florida, USA
- Hosseinpourtehrani, M., von Meding, J. and Ahmed, I. (2018), *Multiple flood experiences and perceived flood consequences: insights from the 2013 flood in Germany*, Proceedings of 8th International Conference On Building Resilience, Lisbon, Portugal.
- Chmutina, K. and von Meding, J. (2018), *A dilemma of language: 'natural' disasters in academic literature*, Proceedings of 8th International Conference On Building Resilience, Lisbon, Portugal.
- Von Meding, J. and Thai, H. (2018), *Autonomous action on urban flood risk by school stakeholders in Dong Hoi, Vietnam*, Proceedings of 8th International Conference On Building Resilience, Lisbon, Portugal. Oral presentation, present.
- Johnson, T., von Meding, J., Thayaparan, G. and Forino, G. (2017), *Grievable lives: the forgotten people of Rakhine State, Myanmar*, 8th International i-Rec Conference, Reconstruction and Recovery for Displaced Populations and Refugees, June 1-2, York University, Toronto, Canada. Oral presentation, present.
- Luu, C., von Meding, J. and Kanjanabootra, S. (2017), *Analysing flood fatalities in Vietnam using national disaster database from 1989 to 2015 and regression methods*, 8th International i-Rec Conference, Reconstruction and Recovery for Displaced Populations and Refugees, June 1-2, York University, Toronto, Canada.
- Ajulo, D., von Meding, J. and Tang, P. (2017), *Prioritising Transformation: Political, Social or Technological Transformation – which comes first?*, Proceedings of 8th International i-Rec Conference, Reconstruction and Recovery for Displaced Populations and Refugees, June 1-2, York University, Toronto, Canada.
- Forino, G., von Meding, J. and Brewer, G. (2016), *Governance of Climate Change Adaptation and Disaster Risk Reduction Integration: Strategies, policies and plans in Australian Local Governments*, Proceedings of 6th International Conference On Building Resilience, Auckland, New Zealand.
- Chmutina, K., Boshier, L. and von Meding, J. (2016), *Disaster risk reduction as a professional competency. A review of related training and education provision for built environment practitioners in the UK and Australia*, Proceedings of 6th International Conference On Building Resilience, Auckland, New Zealand.
- Luu, C., von Meding, J., Kanjanabootra, S., Doanh, P. (2015), *Resettlement In Vietnam's Hydropower Industry: Policies And Social Impact Assessment*, RICS COBRA AUBEA 2015, Proceedings of Construction, Building and Real Estate Conference, July 8-10, Sydney, Australia.
- Doanh, P., von Meding, J., Kanjanabootra, S., Luu, C. (2015), *Theoretical Framework For Dam Safety Risk Assessment For Vietnam*, RICS COBRA AUBEA 2015, Proceedings of Construction, Building and Real Estate Conference, July 8-10, Sydney, Australia.
- Forino, G., von Meding, J., Brewer, G. (2015), *A Hybrid Governance Framework For Climate Change Adaptation (CCA) And Disaster Risk Reduction (DRR) In Australia*, 5th International Conference On Building Resilience, Newcastle, Australia.
- Luu, C., von Meding, J., Kanjanabootra, S., Pham, D. (2015), *A Proposed Flood Risk Assessment Method For Central Vietnam*, 5th International Conference On Building Resilience, Newcastle, Australia.
- Salami, R., von Meding, J., Giggins, H., Olotu, A. (2015), *Disasters, Vulnerability And Inadequate Housing In Nigeria: A Viable Strategic Framework*, 5th International Conference On Building Resilience, Newcastle, Australia.

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- Luu, T.D.C. and von Meding, J. (2014), *Hydropower development and Environmental Impact Assessments (EIAs) in Vietnam: current practice and shortcomings*, Proceedings of 37th WEDC International Conference, Sustainable Water and Sanitation Services for All in a Fast Changing World, 15-19 Sept, Hanoi, Vietnam. Oral presentation, present.
- Forino, G., von Meding, J., Brewer, G. and Gajendran, T. (2014), *Disaster risk reduction and climate change adaptation policy in Australia*, Proceedings of 4th International Conference on Building Resilience, 8-10 Sept, Salford Quays, United Kingdom.
- Brewer, G., Giggins, H., von Meding, J., Mackee, J. and Gajendran, T. (2014), *Mixed messages: tacit communication emanating from non-human actants in disaster contexts*, Proceedings of 4th International Conference on Building Resilience, 8-10 Sept, Salford Quays, United Kingdom.
- Von Meding, J. and Wong, J. (2014), *Developing a competence-based tool to predict project outcomes in post-disaster reconstruction*, Proceedings of 5th International Disaster and Risk Conference, August 24-28, Davos, Switzerland. Poster presentation, present.
- Brewer, G., Giggins, H., McVeigh, A., von Meding, J., Mackee, J. and Gajendran, T. (2014), *Understanding the role of human and nonhuman actants in post-disaster contexts: A tentative deployment of Actor Network Theory to evaluate its usefulness*, Proceedings of 5th International Disaster and Risk Conference, August 24-28, Davos, Switzerland.
- Giggins, H., von Meding, J., Gajendran, T., Mackee, J. and Brewer, G. (2014), *The negative impact of media and socio-political influence on disaster reconstruction and resilience*, Proceedings of 5th International Disaster and Risk Conference, August 24-28, Davos, Switzerland.
- Luu, T.D.C., von Meding, J., Kanjanabootra, S. and Luu, C.H. (2014), *Flood mitigation through hydropower dam management in Vietnam*, Proceedings of 5th International Disaster and Risk Conference, August 24-28, Davos, Switzerland. Oral presentation, present.
- Salami, R.O., von Meding, J. and Giggins, H. (2014), *Deficient Housing: Development of a New Theoretical Perspective On Poverty Traps*, Proceedings of CIB International Conference on Construction in a Changing World, May 4-7, Heritance Kandalama, Sri Lanka.
- Von Meding, J., Le Goff, R., Brewer, G., MacKee, J., Gajendran, T. and Crick, S. (2013), *Defining a research agenda for slow-onset disaster research in the Hunter region, NSW*, 38th Australasian Universities Building Education Association Conference, 20-22 Nov, Auckland, New Zealand. Oral presentation, present.
- Barrett, S., Treacy, M., O'Reilly, B., Spillane, J., Lim, J., von Meding, J., Geary, K., Deary, N. and Booth, G. (2013), *Early Implementation of BIM into a Cold-Formed Steel Design/ Fabricator and an Architectural/Planning Consultancy*, 38th Australasian Universities Building Education Association Conference, 20-22 Nov, Auckland, New Zealand. Oral presentation, present.
- Von Meding, J., McVeigh, A., Amiri, Z. and Burke, C. (2013), *Engaging the commercial construction industry in a post-disaster context*, 38th Australasian Universities Building Education Association Conference, 20-22 Nov, Auckland, New Zealand. Oral presentation, present.
- Von Meding, J., Shek, Y.M., Spillane, J. and Konanahalli, A. (2013), *Factors influencing the implementation of site waste management plans on UK projects of all sizes*, RICS COBRA 2013, Proceedings of Construction, Building and Real Estate Conference, September 10-12, New Delhi, India.
- Von Meding, J. and Campbell, M. (2013), *Strategy Formation in Post-Disaster Reconstruction*, 6th i-Rec Conference, Sustainable Post-Disaster Reconstruction: From Recovery to Risk Reduction, May 26-30, Ascona, Switzerland. Oral presentation, present.
- Bruen, J., Hadjri, K., von Meding, J., Spillane, J. P. and McGrath, R. (2013), *An analysis of International NGOs Design Decision Making for Housing Reconstruction in Developing Country Contexts*, The International Conference on Sustainable Built Environment for Now and the Future, March 26-27, Hanoi, Vietnam. Oral presentation, present.
- McGrath, R., von Meding, J., Oyedele, L., McAllister, K., Spillane, J. P. and Bruen, J. (2013), *A Community Driven Approach to Reconstruction Management*, The International Conference on Sustainable Built Environment for Now and the Future, March 26-27, Hanoi, Vietnam. Oral presentation, present.
- Von Meding, J., Pg Maidi, D.S.N., Spillane, J. P., Bruen, J. and McGrath, R. (2013), *Critical Success Factors of Construction Project Quality in Brunei Darussalam*, The International Conference on Sustainable Built Environment for Now and the Future, March 26-27, Hanoi, Vietnam. Oral presentation, present.
- Spillane, J. P., Rafferty, S., Oyedele, L. O., von Meding, J., Bruen, J. and McGrath, R. (2013), *Construction Industry Attitudes to Global Environmental Change: A Comparison with the United Kingdom and Japan*, The International Conference on Sustainable Built Environment for Now and the Future, March 26-27, Hanoi, Vietnam. Oral presentation, present.

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- Von Meding, J., Kelly, K., Oyedele, L. and Spillane, J. (2012), *Stakeholder Management and Corporate Culture in the UK Construction Industry*, RICS COBRA 2012, Proceedings of Construction, Building and Real Estate Conference, September 11-13, Monte Carlo Resort and Casino, Las Vegas, Nevada, USA. Oral presentation, present.
- McGrath, R., von Meding, J., Oyedele, L. and Cleland, D.J. (2012), *A Community-Driven Approach to Material Management in Post-Disaster Reconstruction*, Proceedings of 4th International Disaster and Risk Conference, August 26-30, Davos, Switzerland. Oral presentation, present.
- Bruen, J., Hadjri, K. and von Meding, J. (2012), *An analysis of International NGO's design decision making process for low cost sustainable housing in developing country contexts*, Proceedings of Conference of International Association of People-Environment Studies, June 24-29, Glasgow, UK.
- Von Meding, J., Oyedele, L. and Cleland, D.J. (2011), *A Competence-Based Post-Disaster Reconstruction Process: Findings from Sri Lanka and Bangladesh*, Proceedings of The 2nd International Conference on the Constructed Environment, October 29-30, University Center in Chicago, USA. Oral presentation, present.
- Von Meding, J., Oyedele, L. and Cleland, D.J. (2011), *Utilising a Competence-Based Post-Disaster Reconstruction Framework for Sustainable Construction*, Proceedings of Conference on Innovation and Sustainable Construction in Developing Countries, November 1-3, Hanoi Daewoo Hotel, Vietnam. Oral presentation, present.
- Von Meding, J., Oyedele, L., Cleland, D.J., Konanahalli, A., Spillane, J. and McKenna, E. (2010), *Competency-based theory driving innovation in post-disaster reconstruction*, Proceedings of 6th International Conference on Innovation in Architecture, Engineering and Construction (AEC), June 9-11, Pennsylvania State University, USA. Oral presentation, present.
- Von Meding, J., Oyedele, L. and Cleland, D.J. (2010), *Mapping NGO Competency to Reduce Human Vulnerability in Post-disaster Communities: Comparing Strategies in Sri Lanka and Bangladesh*, Proceedings of 8th International Conference on New Directions in the Humanities, June 29-July 2, University of California Los Angeles, USA. Oral presentation, present.
- Von Meding, J., Oyedele, L., Cleland, D.J. and Harris, V. (2008), *Dynamic competency theory in post-disaster reconstruction*, Proceedings of CIB International Conference 'Building Abroad - Procurement of construction and reconstruction projects in the international context', October 23-25, Université de Montréal, Montreal, Canada. Oral presentation, present.
- Von Meding, J. and Oyedele, L. (2008), *Flooding in New Orleans, USA and Hull City, UK: Comparing Disaster Management Strategies*, Proceedings of CIB International Conference in Building Education and Research (BEAR 2008), February 11-15, Heritage Kandalama, Sri Lanka. Oral presentation, present.

(III) Books AND BOOK CHAPTERS

- Pal, I., von Meding, J., Shresta, S., Ahmed, I. and Gajendran, T. (Eds.) (2019), *An Interdisciplinary Approach for Disaster Resilience and Sustainability*, Springer International Publishing AG, part of Springer Nature
- Salami RO, Von Meding J., Giggins, H. (2019), *The urban political ecology of flood vulnerability in the core area of Ibadan Metropolis, Nigeria*. In "Natural Hazards and Disaster Risk Reduction Policies", Loredana Antronico, Fausto Marincioni (Eds.). Il Sileno Edizioni, Italy.
- Ajulo, D., Von Meding, J. and Tang, P. (2019), *A conceptual framework for understanding transformation: transformative adaptation of refugees in Nakivale refugee settlement*. In "Resettlement challenges for displaced populations and refugees", Asgary, A. (Eds.). Springer International Publishing AG, part of Springer Nature. Sustainable Development Goals Series.
- Johnson, T., Von Meding, J., Gajendran, T and Forino, G. (2019), *Disaster vulnerability of displaced people in Rakhine State, Myanmar*. In "Resettlement challenges for displaced populations and refugees", Asgary, A. (Eds.). Springer International Publishing AG, part of Springer Nature. Sustainable Development Goals Series.
- Forino, G., Von Meding, J. & Brewer, G. (2018), *Governing the integration of climate change adaptation into disaster risk reduction*. In "Governance of Risk, Hazards and Disasters: Trends in Theory and Practice", Forino, Bonati and Calandra (Eds.). London: Routledge.

(IV) Other written work

Curriculum Vitae

- Von Meding, J., Prevatt, D, and Chmutina, K. (2019), *Risk rooted in colonial era weighs on Bahamas' efforts to rebuild after Hurricane Dorian*, The Conversation, December 9, 2019
- Chmutina, K., von Meding, J. and Bosher, L. (2019), *Language matters: dangers of the "natural disaster" misnomer*, UN Global Assessment Report on Disaster Risk Reduction (GAR), technical paper (in press)
- Von Meding, J., De Freitas Junior, S. and Irigaray, M. (2019), *No disaster is natural*, OpenDemocracy - Transformations, February 5, 2019
- Ahmed, I., Gajendran, T., Brewer, G., Maund, K., Von Meding, J., Kissa, G., Kabir, H., Faruk, M., Shrestha, H. and Sitaula, N (2018), *Grey building handbook: the cases of Nepal and Bangladesh*, Asia-Pacific Network for Global Change Research (APN).
- von Meding, J., Ahmed, I., Howard, A., Forino, G., Pal, I., Kabir, H., Dao, H., & Thai, H., (2018) *Critical factors for post-disaster educational continuity in urban floods in South and Southeast Asia*, Research Report, Save the Children
- Tasantab, J. Von Meding, J., Maund, K. and GAjendran, T. (2018), *Ghana must move from coping with floods, to adapting for them*, The Conversation, October 28, 2018
- Von Meding, J. (2018), *Embracing local capacity to deal with disasters*, Tia Sang Magazine, Hanoi, Vietnam, October 6, 2018
- Von Meding, J. (2018), *Beyond "managing" disasters – reduce and stop creating risk!*, Tia Sang Magazine, Hanoi, Vietnam, August 29, 2018
- Von Meding, J. (2018), *"Natural disasters" and people on the margins – the hidden story*, The Conversation, August 13, 2018
- Woldemariam, S., Maguire, A. and Von Meding, J. (2018), *Australia and other countries must prioritise humanity in dealing with displaced people and migration*, The Conversation, August 2, 2018
- Von Meding, J., Forino, G. and Du, T. (2018), *The Laos disaster reminds us that local people are too often victims of dam development*, The Conversation, July 30, 2018
- Von Meding, J. (2018), *Challenging disaster myths and destructive narratives*, Tia Sang Magazine, Hanoi, Vietnam, July 9, 2018
- Maguire, A. and Von Meding, J., (2018), *Yes, Syria's Assad regime is brutal. But the retaliatory air strikes are illegal and partisan*, The Conversation, April 19, 2018
- Von Meding, J., Shrestha, H., Kabir, H. and Ahmed K. (2017), *Nepal earthquake reconstruction won't succeed until the vulnerability of survivors is addressed*, The Conversation, November 23, 2017
- Von Meding, J. (2017), *Agent Orange, exposed: How U.S. chemical warfare in Vietnam unleashed a slow-moving disaster*, The Conversation, October 3, 2017
- Von Meding, J. and Luu, C. (2017), *Vietnam's typhoon disaster highlights the plight of its poorest people*, The Conversation, September 19, 2017
- Forino, G., Von Meding, J. and Johnson, T. (2017), *Religion is not the only reason Rohingyas are being forced out of Myanmar*, The Conversation, September 18, 2017
- Chmutina, K., Von Meding, J., Gaillard, J.C. and Bosher, L. (2017), *Why natural disasters aren't all that natural*, OpenDemocracy, September 14, 2017
- Von Meding, J. and Thai, H. (2017), *In Vietnam poverty and poor development, not just floods, kill the most marginalised*, The Conversation, August 29, 2017
- Maguire, A. and Von Meding, J. (2017), *Trump-Turnbull call: trading people like pawns undermines the goals of international co-operation*, The Conversation, August 5, 2017
- Von Meding, J., Forino G, Gaillard JC, Chmutina K, (2017), *Grenfell Tower fire exposes the injustice of disasters*, The Conversation, June 20, 2017
- Von Meding, J. (2017), *While Syria suffers, Iraq, Libya and Vietnam come to mind*, Aurora Magazine, April 21, 2017
- Maguire, A. and Von Meding, J. (2017), *If you destroy it, they will come – climate change displacement and the Trump effect*, The Conversation, March 30, 2017
- Howard A, Von Meding J., Blakemore TJ, Heinsch L, Allison J, Cavaliere S, (2016), *Stronger for the Storm : Research Report*, NSW State Emergency Service
- Von Meding, J., Cooper V, Kanjanabootra S, Giggins H, Forino G, Allison J, (2016), *Modelling disaster resilience: enhancing student learning through trans-disciplinary simulation of wicked scenarios (RES-SIM)*, Office for Learning and Teaching
- Von Meding J. (2016), *DiCaprio's documentary calls for a green future, but his vision isn't radical enough*, The Conversation, November 3, 2016
- Von Meding J. and Forino G. (2016), *Hurricane Matthew is just the latest unnatural disaster to strike Haiti*, The Conversation, October 11, 2016