

MODSIM2011

Financial stress and income disparities in parents of children with special health care needs

<https://www.mssanz.org.au/modsim2011/A1/bae.pdf>

<https://doi.org/10.36334/modsim.2011.A1.bae>

Trends in chronic Obstructive Pulmonary Disease hospitalization rates in Texas 2001-2009

<https://www.mssanz.org.au/modsim2011/A1/bae2.pdf>

<https://doi.org/10.36334/modsim.2011.A1.bae2>

Safety climate perceptions and attitudes of supervisors in the Korean Industry

<https://www.mssanz.org.au/modsim2011/A1/baek.pdf>

<https://doi.org/10.36334/modsim.2011.A1.baek>

Bayesian modeling of pharmaceutical data addressing the average effect of bivariate parameters of interest in a bioequivalence framework

<https://www.mssanz.org.au/modsim2011/A1/bartolucci.pdf>

<https://doi.org/10.36334/modsim.2011.A1.bartolucci>

Trends in rates of suicide by decedent age over time: United States mortality data, 1960-2007

<https://www.mssanz.org.au/modsim2011/A1/chen.pdf>

<https://doi.org/10.36334/modsim.2011.A1.chen>

Construction of 3D volumetric shape model from 2D US images

<https://www.mssanz.org.au/modsim2011/A1/mukai.pdf>

<https://doi.org/10.36334/modsim.2011.A1.mukai>

Spatio-temporal modelling of malaria incidence for evaluation of public health policy interventions in Ghana, West Africa

<https://www.mssanz.org.au/modsim2011/A10/appiah.pdf>

<https://doi.org/10.36334/modsim.2011.A10.appiah>

Analysis of spatial and temporal distribution of single and multiple vehicle crash in Western Australia: A comparison study

<https://www.mssanz.org.au/modsim2011/A10/kilamanu.pdf>

<https://doi.org/10.36334/modsim.2011.A10.kilamanu>

Modelling the spatio-temporal concentration of diesel particulate matter in an underground mine

<https://www.mssanz.org.au/modsim2011/A10/mullins.pdf>

<https://doi.org/10.36334/modsim.2011.A10.mullins>

Data mining of driver characteristics to spatial and temporal hotspots of single vehicle crashes in Western Australia

<https://www.mssanz.org.au/modsim2011/A10/xia.pdf>

<https://doi.org/10.36334/modsim.2011.A10.xia>

The process driving an ember storm

<https://www.mssanz.org.au/modsim2011/A2/dold.pdf>

<https://doi.org/10.36334/modsim.2011.A2.dold>

Fire spread near the attached and separated flow transition, including surge and stall behaviour

<https://www.mssanz.org.au/modsim2011/A2/dold2.pdf>

<https://doi.org/10.36334/modsim.2011.A2.dold2>

Bushfire conditions under a warming climate – the value of regional climate modelling

<https://www.mssanz.org.au/modsim2011/A2/grose.pdf>

<https://doi.org/10.36334/modsim.2011.A2.grose>

Estimate of maximum insurance loss due to bushfires

<https://www.mssanz.org.au/modsim2011/A2/lin.pdf>

<https://doi.org/10.36334/modsim.2011.A2.lin>

Modelling the thermal belt in an Australian bushfire context

<https://www.mssanz.org.au/modsim2011/A2/mcrae.pdf>

<https://doi.org/10.36334/modsim.2011.A2.mcrae>

The Kangaroo Island bushfires of 2007, A meteorological case study and WRF-fire simulation

<https://www.mssanz.org.au/modsim2011/A2/peace.pdf>

<https://doi.org/10.36334/modsim.2011.A2.peace>

Lateral bushfire propagation driven by the interaction of wind, terrain and fire

<https://www.mssanz.org.au/modsim2011/A2/sharples.pdf>

<https://doi.org/10.36334/modsim.2011.A2.sharples>

Evaluation of some simplified models for predicting the moisture content of fine, dead fuels

<https://www.mssanz.org.au/modsim2011/A2/sharples2.pdf>

<https://doi.org/10.36334/modsim.2011.A2.sharples2>

A mathematical model for the biological treatment of industrial wastewaters in a cascade of four reactors

<https://www.mssanz.org.au/modsim2011/A3/alqahtani.pdf>

<https://doi.org/10.36334/modsim.2011.A3.alqahtani>

Sums of Exponentials Approximations for the Kohlrausch Function

<https://www.mssanz.org.au/modsim2011/A3/anderssen.pdf>

<https://doi.org/10.36334/modsim.2011.A3.anderssen>

Spatial modeling approach to clustering the furniture industry and regional development in Jepara, Indonesia

<https://www.mssanz.org.au/modsim2011/A3/andriani.pdf>

<https://doi.org/10.36334/modsim.2011.A3.andriani>

AUV Robot's Real-time Control Navigation System using Multi-layer Neural Networks Management

<https://www.mssanz.org.au/modsim2011/A3/anvar.pdf>

<https://doi.org/10.36334/modsim.2011.A3.anvar>

Assessing alternative management strategies for blacklip abalone

<https://www.mssanz.org.au/modsim2011/A3/bedford.pdf>

<https://doi.org/10.36334/modsim.2011.A3.bedford>

Modelling and simulation of Automated Underwater Acoustic Communication Transmission Recovery for Oceanic robotics operations

<https://www.mssanz.org.au/modsim2011/A3/chen.pdf>

<https://doi.org/10.36334/modsim.2011.A3.chen>

A review of models used for understanding epileptic seizures

<https://www.mssanz.org.au/modsim2011/A3/dunn.pdf>

<https://doi.org/10.36334/modsim.2011.A3.dunn>

Rockbursts mud and plastic

<https://www.mssanz.org.au/modsim2011/A3/fowkes.pdf>

<https://doi.org/10.36334/modsim.2011.A3.fowkes>

Medium-term rail planning at Rio Tinto Iron Ore

https://www.mssanz.org.au/modsim2011/A3/garcia_flores.pdf

https://doi.org/10.36334/modsim.2011.A3.garcia_flores

Simulation of a mobile robot navigation system

<https://www.mssanz.org.au/modsim2011/A3/khusheef.pdf>

<https://doi.org/10.36334/modsim.2011.A3.khusheef>

Ionic diffusion and migration fluxes in passive film formation under mixed kinetic control

<https://www.mssanz.org.au/modsim2011/A3/marshall.pdf>

<https://doi.org/10.36334/modsim.2011.A3.marshall>

An analysis of an activated sludge process containing a sludge disintegration system

<https://www.mssanz.org.au/modsim2011/A3/nelson.pdf>

<https://doi.org/10.36334/modsim.2011.A3.nelson>

A system dynamics approach to balancing wood supply and demand for sustaining the future industry

<https://www.mssanz.org.au/modsim2011/A3/pumomo.pdf>

<https://doi.org/10.36334/modsim.2011.A3.pumomo>

Analysis of a competitive exothermic-endothermic reaction scheme

<https://www.mssanz.org.au/modsim2011/A3/sharples.pdf>

<https://doi.org/10.36334/modsim.2011.A3.sharples>

Mortality estimation for individual-based simulations of phosphine resistance in lesser grain borer (*Rhyzopertha dominica*)

<https://www.mssanz.org.au/modsim2011/A3/shi.pdf>

<https://doi.org/10.36334/modsim.2011.A3.shi>

Stability of the Defect Renewal Volterra Integral Equations

<https://www.mssanz.org.au/modsim2011/A4/anderssen.pdf>

<https://doi.org/10.36334/modsim.2011.A4.anderssen>

Piecewise constant aquifer parameter identification recovery

<https://www.mssanz.org.au/modsim2011/A4/anderssen2.pdf>

<https://doi.org/10.36334/modsim.2011.A4.anderssen2>

Resolution enhancement for infrared spectroscopy data

<https://www.mssanz.org.au/modsim2011/A4/anderssen3.pdf>

<https://doi.org/10.36334/modsim.2011.A4.anderssen3>

Modelling pattern formation in plants

<https://www.mssanz.org.au/modsim2011/A4/edwards.pdf>

<https://doi.org/10.36334/modsim.2011.A4.edwards>

Newton-type regularization methods for nonlinear inverse problems

<https://www.mssanz.org.au/modsim2011/A4/jin.pdf>

<https://doi.org/10.36334/modsim.2011.A4.jin>

Modeling and simulation of intelligent vision based pattern-recognition of colour-iris

<https://www.mssanz.org.au/modsim2011/A4/kulchatchai.pdf>

<https://doi.org/10.36334/modsim.2011.A4.kulchatchai>

Model development for the beveling of quartz crystal blanks

<https://www.mssanz.org.au/modsim2011/A5/dong.pdf>

<https://doi.org/10.36334/modsim.2011.A5.dong>

Design of modular fixtures using a 3D-modelling approach

<https://www.mssanz.org.au/modsim2011/A5/farhan.pdf>

<https://doi.org/10.36334/modsim.2011.A5.farhan>

Factors affecting seaport capacity

<https://www.mssanz.org.au/modsim2011/A5/islam.pdf>

<https://doi.org/10.36334/modsim.2011.A5.islam>

Virtual prototyping used as validation tool in automotive design

<https://www.mssanz.org.au/modsim2011/A5/kulkarni.pdf>

<https://doi.org/10.36334/modsim.2011.A5.kulkarni>

General Purpose Simulation System based on Excel Language

<https://www.mssanz.org.au/modsim2011/A5/namekawa.pdf>

<https://doi.org/10.36334/modsim.2011.A5.namekawa>

Comparing performance and robustness of SVM and ANN for fault diagnosis in a centrifugal pump

<https://www.mssanz.org.au/modsim2011/A5/saberi.pdf>

<https://doi.org/10.36334/modsim.2011.A5.saberi>

A Generic Phased Array Radar Model for detailed radar performance assessment

<https://www.mssanz.org.au/modsim2011/A6/berry.pdf>

<https://doi.org/10.36334/modsim.2011.A6.berry>

Temporal social network analysis of discourse

<https://www.mssanz.org.au/modsim2011/A6/dekker.pdf>

<https://doi.org/10.36334/modsim.2011.A6.dekker>

Piecewise-linear distance-dependent random graph models

<https://www.mssanz.org.au/modsim2011/A6/dekker2.pdf>

<https://doi.org/10.36334/modsim.2011.A6.dekker2>

Generating concentration time series for simulation studies of hazardous plumes

<https://www.mssanz.org.au/modsim2011/A6/gunatilaka.pdf>

<https://doi.org/10.36334/modsim.2011.A6.gunatilaka>

Stochastic cycles for modelling workload distributions in military headquarters

<https://www.mssanz.org.au/modsim2011/A6/kalloniatis.pdf>

<https://doi.org/10.36334/modsim.2011.A6.kalloniatis>

Modelling of behaviours in response to terrorist activity

<https://www.mssanz.org.au/modsim2011/A6/keep.pdf>

<https://doi.org/10.36334/modsim.2011.A6.keep>

Exploiting symmetries in logistics distribution planning

<https://www.mssanz.org.au/modsim2011/A6/marsh.pdf>

<https://doi.org/10.36334/modsim.2011.A6.marsh>

A heuristic planning algorithm for highly constrained Maximum on Ground problems

<https://www.mssanz.org.au/modsim2011/A6/shekh.pdf>

<https://doi.org/10.36334/modsim.2011.A6.shekh>

Comparison of the relative performance of active and passive aerosol collection methods for biological detection

<https://www.mssanz.org.au/modsim2011/A6/testolin.pdf>

<https://doi.org/10.36334/modsim.2011.A6.testolin>

A simulation-based risk analysis technique to determine critical assets in a logistics plan

<https://www.mssanz.org.au/modsim2011/A6/thiagarajan.pdf>

<https://doi.org/10.36334/modsim.2011.A6.thiagarajan>

Computational fluid dynamics analysis of the effect of simulated plaques in the left coronary artery: A preliminary study

<https://www.mssanz.org.au/modsim2011/A7/chaichana.pdf>

<https://doi.org/10.36334/modsim.2011.A7.chaichana>

A three dimensional smooth particle hydrodynamics model of the nanoscale condensation of water

<https://www.mssanz.org.au/modsim2011/A7/charles.pdf>

<https://doi.org/10.36334/modsim.2011.A7.charles>

CFD modelling of kiwifruit vines and leaves: A method of handling multiple thin surfaces

<https://www.mssanz.org.au/modsim2011/A7/connell.pdf>

<https://doi.org/10.36334/modsim.2011.A7.connell>

Modelling and simulation of fluid-structure interactions in human snoring

<https://www.mssanz.org.au/modsim2011/A7/elliott.pdf>

<https://doi.org/10.36334/modsim.2011.A7.elliott>

Large eddy simulation of a steady circular jet issuing into quiescent fluid

<https://www.mssanz.org.au/modsim2011/A7/jewkes.pdf>

<https://doi.org/10.36334/modsim.2011.A7.jewkes>

A Mesh-Free Compliant-Wall Fluid-Structure Interaction Model

<https://www.mssanz.org.au/modsim2011/A7/kapor.pdf>

<https://doi.org/10.36334/modsim.2011.A7.kapor>

Subgrid parameterisation with scaling laws for atmospheric and oceanic flows

<https://www.mssanz.org.au/modsim2011/A7/kitsios.pdf>

<https://doi.org/10.36334/modsim.2011.A7.kitsios>

Computational modelling of a fluid-conveying flexible channel using oomph-lib

<https://www.mssanz.org.au/modsim2011/A7/lai.pdf>

<https://doi.org/10.36334/modsim.2011.A7.lai>

Development and validation of a Computational Fluid Dynamics (CFD) solver for droplet-fibre systems

https://www.mssanz.org.au/modsim2011/A7/mead_hunter.pdf

https://doi.org/10.36334/modsim.2011.A7.mead_hunter

Modelling the influence of filter structure on efficiency and pressure drop in knitted filters

<https://www.mssanz.org.au/modsim2011/A7/mullins.pdf>

<https://doi.org/10.36334/modsim.2011.A7.mullins>

Computational Fluid Dynamics Model of thermal microenvironments of corals

<https://www.mssanz.org.au/modsim2011/A7/ong.pdf>

<https://doi.org/10.36334/modsim.2011.A7.ong>

CFD simulations of gas-solid flows in a CFB riser: Effect of inlet boundary conditions

<https://www.mssanz.org.au/modsim2011/A7/shah.pdf>

<https://doi.org/10.36334/modsim.2011.A7.shah>

Controlling aero-elastic instability of curtain wall systems in high-rise buildings

<https://www.mssanz.org.au/modsim2011/A7/tan.pdf>

<https://doi.org/10.36334/modsim.2011.A7.tan>

Computational Fluid Dynamics using OpenCL – a practical introduction

<https://www.mssanz.org.au/modsim2011/A8/bednarz.pdf>

<https://doi.org/10.36334/modsim.2011.A8.bednarz>

Heterogeneous parallel 3D image deconvolution on a cluster of GPUs and CPUs

<https://www.mssanz.org.au/modsim2011/A8/domanski.pdf>

<https://doi.org/10.36334/modsim.2011.A8.domanski>

Rapid CT reconstruction on GPU-enabled HPC clusters

<https://www.mssanz.org.au/modsim2011/A8/thompson.pdf>

<https://doi.org/10.36334/modsim.2011.A8.thompson>

A review of the application of copulas to improve modelling of non-bigaussian bivariate relationships (with an example using geological data)

<https://www.mssanz.org.au/modsim2011/A9/boardman.pdf>

<https://doi.org/10.36334/modsim.2011.A9.boardman>

Calculating uncertainty in geodynamic models of subduction

<https://www.mssanz.org.au/modsim2011/A9/clark.pdf>

<https://doi.org/10.36334/modsim.2011.A9.clark>

A Semi-Ordered Fast Iterative Method (SOFI) for monotone front propagation in simulations of geological folding

<https://www.mssanz.org.au/modsim2011/A9/gillberg.pdf>

<https://doi.org/10.36334/modsim.2011.A9.gillberg>

Categorising features of geological terranes with geodiversity metrics: Enhancing exploration of multiple geological models

<https://www.mssanz.org.au/modsim2011/A9/lindsay.pdf>

<https://doi.org/10.36334/modsim.2011.A9.lindsay>

FEniCS Framework in geoscientific applications

<https://www.mssanz.org.au/modsim2011/A9/vynnytska.pdf>

<https://doi.org/10.36334/modsim.2011.A9.vynnytska>

Dual-domain mixing cell modelling and uncertainty analysis for unsaturated bromide and chloride transport

<https://www.mssanz.org.au/modsim2011/A9/wohling.pdf>

<https://doi.org/10.36334/modsim.2011.A9.wohling>

Efficient operator splitting for modelling transport and transformations of multiple nitrogen species in a variably-saturated subsurface environment

<https://www.mssanz.org.au/modsim2011/A9/woodward.pdf>

<https://doi.org/10.36334/modsim.2011.A9.woodward>

Computer simulation on composition of curricular components of an academic process

<https://www.mssanz.org.au/modsim2011/AA/amorim.pdf>

<https://doi.org/10.36334/modsim.2011.AA.amorim>

Beyond VVA: Model and simulation users

<https://www.mssanz.org.au/modsim2011/AA/barlow.pdf>

<https://doi.org/10.36334/modsim.2011.AA.barlow>

Improved stockyard management strategies for coal export terminals at Newcastle

<https://www.mssanz.org.au/modsim2011/AA/boland.pdf>

<https://doi.org/10.36334/modsim.2011.AA.boland>

Combustion waves from a sequential exothermic and endothermic reaction

<https://www.mssanz.org.au/modsim2011/AA/qian.pdf>

<https://doi.org/10.36334/modsim.2011.AA.qian>

A simple model for the total microbial biomass under occlusion of healthy human skin

<https://www.mssanz.org.au/modsim2011/AA/safuan.pdf>

<https://doi.org/10.36334/modsim.2011.AA.safuan>

Bootstrapping functional data: a study of distributional property of sample eigenvalues

<https://www.mssanz.org.au/modsim2011/AA/shang.pdf>

<https://doi.org/10.36334/modsim.2011.AA.shang>

Effect on nitrogen losses from a sheep grazing system by the randomised distribution of excreta

<https://www.mssanz.org.au/modsim2011/B1/bell.pdf>

<https://doi.org/10.36334/modsim.2011.B1.bell>

The production of perennial ryegrass and kikuyu pastures in south-eastern Australia under warmer and drier future climate scenarios

<https://www.mssanz.org.au/modsim2011/B1/bell2.pdf>

<https://doi.org/10.36334/modsim.2011.B1.bell2>

Using a whole farm model linked to the APSIM suite to predict production, profit and N leaching for next generation dairy systems in the Canterbury region of New Zealand

<https://www.mssanz.org.au/modsim2011/B1/beukes.pdf>

<https://doi.org/10.36334/modsim.2011.B1.beukes>

Bridging the gap between modelling advice and irrigator solutions through empirical reasoning techniques

<https://www.mssanz.org.au/modsim2011/B1/car.pdf>

<https://doi.org/10.36334/modsim.2011.B1.car>

Frequency investigation of rainfall in the sugarcane growing region of North Queensland, Australia

<https://www.mssanz.org.au/modsim2011/B1/casey.pdf>

<https://doi.org/10.36334/modsim.2011.B1.casey>

Impact of a tree's hydraulic strategy on its survival in a global climate change context

<https://www.mssanz.org.au/modsim2011/B1/chopard.pdf>

<https://doi.org/10.36334/modsim.2011.B1.chopard>

Simplifying pastoral systems modelling – accounting for the effect of urine deposition on N leaching

<https://www.mssanz.org.au/modsim2011/B1/cichota.pdf>

<https://doi.org/10.36334/modsim.2011.B1.cichota>

A meta-model for soil carbon stock in agricultural soils

<https://www.mssanz.org.au/modsim2011/B1/luo.pdf>

<https://doi.org/10.36334/modsim.2011.B1.luo>

Application of bio-economic simulation models for addressing sustainable land management issues for northern Australia

<https://www.mssanz.org.au/modsim2011/B1/macleod.pdf>

<https://doi.org/10.36334/modsim.2011.B1.macleod>

Dynamic resource allocation in a farm management simulation

https://www.mssanz.org.au/modsim2011/B1/martin_clouaire.pdf

https://doi.org/10.36334/modsim.2011.B1.martin_clouaire

Testing and calibrating empirical models of cattle growth on native pastures in northern Australia

<https://www.mssanz.org.au/modsim2011/B1/mayer.pdf>

<https://doi.org/10.36334/modsim.2011.B1.mayer>

Simulating kangaroo farming: extending GRASP to include kangaroo population density simulation

<https://www.mssanz.org.au/modsim2011/B1/moloney.pdf>

<https://doi.org/10.36334/modsim.2011.B1.moloney>

Internal water footprint assessment of Saudi Arabia using the Water footprint Assessment Framework (WAF)

<https://www.mssanz.org.au/modsim2011/B1/multsch.pdf>

<https://doi.org/10.36334/modsim.2011.B1.multsch>

Improved pasture management can improve profitability and resilience to climate change in northern Australia

<https://www.mssanz.org.au/modsim2011/B1/pahl.pdf>

<https://doi.org/10.36334/modsim.2011.B1.pahl>

Combining individual and collective management of animal manure to reduce environmental impacts on a territory scale

<https://www.mssanz.org.au/modsim2011/B1/paillat.pdf>

<https://doi.org/10.36334/modsim.2011.B1.paillat>

Modelling renewable electricity generation for energy-autonomous dairy farms in New Zealand

<https://www.mssanz.org.au/modsim2011/B1/parshotam.pdf>

<https://doi.org/10.36334/modsim.2011.B1.parshalam>

Impacts of a two degree increase in temperature on pasture growth in the Northern Tablelands of New South Wales

<https://www.mssanz.org.au/modsim2011/B1/powell.pdf>

<https://doi.org/10.36334/modsim.2011.B1.powell>

Linking a whole farm model to the APSIM suite to predict N leaching on New Zealand dairy farms

<https://www.mssanz.org.au/modsim2011/B1/romera.pdf>

<https://doi.org/10.36334/modsim.2011.B1.romera>

Potential impacts of projected climate change on safe carrying capacities for extensive grazing lands of northern Australia

<https://www.mssanz.org.au/modsim2011/B1/scanlan.pdf>

<https://doi.org/10.36334/modsim.2011.B1.scanlan>

Assessing the impact of pasture resting on pasture condition in the extensive grazing lands of northern Australia

<https://www.mssanz.org.au/modsim2011/B1/scanlan2.pdf>

<https://doi.org/10.36334/modsim.2011.B1.scanlan2>

Comparison of models for predicting nitrification, denitrification and nitrous oxide emissions in pastoral systems

<https://www.mssanz.org.au/modsim2011/B1/vogeler.pdf>

<https://doi.org/10.36334/modsim.2011.B1.vogeler>

Development and desktop-assessment of a concept to forecast and mitigate N leaching from dairy farms

<https://www.mssanz.org.au/modsim2011/B1/vogeler2.pdf>

<https://doi.org/10.36334/modsim.2011.B1.vogeler2>

Development of the BeefSpecs fat calculator: a tool designed to assist decision making to increase on-farm and feedlot profitability

<https://www.mssanz.org.au/modsim2011/B1/walmsley.pdf>

<https://doi.org/10.36334/modsim.2011.B1.walmsley>

Percolation on a spatial network with individual heterogeneity as a model for disease spread among animal host populations

<https://www.mssanz.org.au/modsim2011/B2/davis.pdf>

<https://doi.org/10.36334/modsim.2011.B2.davis>

Interaction of Myxomatosis and Rabbit Haemorrhagic Disease in wild rabbit

<https://www.mssanz.org.au/modsim2011/B2/fulford.pdf>

<https://doi.org/10.36334/modsim.2011.B2.fulford>

Application of microsimulation to disease transmission and control

<https://www.mssanz.org.au/modsim2011/B2/green.pdf>

<https://doi.org/10.36334/modsim.2011.B2.green>

Sensitivity analysis of a model for tuberculosis

<https://www.mssanz.org.au/modsim2011/B2/hickson.pdf>

<https://doi.org/10.36334/modsim.2011.B2.hickson>

Stochastic individual-based modelling of influenza spread for the assessment of public health interventions

<https://www.mssanz.org.au/modsim2011/B2/kelso.pdf>

<https://doi.org/10.36334/modsim.2011.B2.kelso>

Application of a hepatitis E transmission model to assess intervention strategies in a displaced persons camp in Uganda

<https://www.mssanz.org.au/modsim2011/B2/mercer.pdf>

<https://doi.org/10.36334/modsim.2011.B2.mercer>

Modelling control options for a disease with hidden sub-clinical infection: bacterial kidney disease in Scottish aquaculture

<https://www.mssanz.org.au/modsim2011/B2/murray.pdf>

<https://doi.org/10.36334/modsim.2011.B2.murray>

Modelling of a zoonotic pathogen (Campylobacter) in a dairy herd

<https://www.mssanz.org.au/modsim2011/B2/parshotam.pdf>

<https://doi.org/10.36334/modsim.2011.B2.parshalam>

A potato model built using the APSIM Plant.NET Framework

<https://www.mssanz.org.au/modsim2011/B3/brown.pdf>

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Scientific workflow for reusing plant/FSPM models

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Model-data fusion: using observations to understand and reduce uncertainty in hydrological models

<https://www.mssanz.org.au/modsim2011/Keynote/vandijk.pdf>

<https://doi.org/10.36334/modsim.2011.Keynote.vandijk>

Prediction of extreme geophysical, industrial and biophysical flows using particle methods

<https://www.mssanz.org.au/modsim2011/Plenary/cleary.pdf>

<https://doi.org/10.36334/modsim.2011.Plenary.cleary>

What drives the quality of expert SKU-level sales forecasts relative to model forecasts?

<https://www.mssanz.org.au/modsim2011/Plenary/franses.pdf>

<https://doi.org/10.36334/modsim.2011.Plenary.franses>

Sustaining our future: resolving the conflict over population models

<https://www.mssanz.org.au/modsim2011/Plenary/newman.pdf>

<https://doi.org/10.36334/modsim.2011.Plenary.newman>

Modelling the structure and dynamics of network-based social systems

<https://www.mssanz.org.au/modsim2011/Plenary/pattison.pdf>

<https://doi.org/10.36334/modsim.2011.Plenary.pattison>

Sustainable soil and water resources: modelling soil erosion and its impact on the environment

<https://www.mssanz.org.au/modsim2011/Plenary/sander.pdf>

<https://doi.org/10.36334/modsim.2011.Plenary.sander>