ADAM J. DAIGNEAULT, PhD

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**Education**

**The Ohio State University** Columbus, OH

* Ph D., Natural Resource and Environmental Economics August 2006

 - Dissertation: “Fire, Carbon, Timber, and Trees: Three Essays in Natural Resource Economics”

* M.A., Economics September 2004
* Certificate of Graduate Interdisciplinary Specialization in Survey Research September 2004

**Denison University** Granville, OH

* B.A., *magna cum laude*, Economics and Environmental Studies May 2001 - Honors Thesis: “Cuba, An Ecological Footprint: Analyzing the ‘Special Period,’ 1989-1999”

**Professional Experience**

2016-present, Assistant Professor, University of Maine School of Forest Resources

2010-2016, Senior Economist and Research Area Leader, Landcare Research New Zealand

2009-2010, Fellow, Deshpande Foundation & The Energy and Resources Institute (TERI)

2008-2009, Economist, U.S. EPA Office of Air and Radiation, Climate Change Division

2006-2008, Post-Doctoral Research Economist, U.S. EPA National Center for Env Economics

2005, Research Economist, USDA Forest Service Pacific Northwest Research Station

2002-2006, Research Assistant, The Ohio State University

**Honors and Awards**

NZ Association of Economists Economic Policy Prize, Best Paper 2014

Landcare Research Distinguished Service Award 2013

NZ Assoc. of Ag. and Resource Economists Society, Best Paper 2011

NZ Association of Economists Economic Policy Prize, Runner Up 2011

EPA Gold Medal: Economic Impacts of U.S. Climate Change Legislation 2009

EPA Bronze Medal: Economic Impacts of Increased Biofuels Production 2007

EPA Bronze Medal: Economic Impacts of Phosphate Mining 2007

The Ohio State University Distinguished University Fellowship 2005 - 2006

Ohio Agricultural Research and Development Center Director’s Associateship 2003 - 2004

The Ohio State University Distinguished University Fellowship 2002 - 2003

Denison University Heritage Academic Scholarship 1997 - 2001

Park National Bank Scholarship for Excellence in Economics 2000 - 2001

Environmental Studies Program Melon Student Internship Grant Summer 2000

**JOURNAL publications**

**Daigneault. A.** C. Johnston, A. Korosuo, J. Baker, N. Forsell, J. Prestemon and R. Abt. 2019. Developing Detailed Shared Socioeconomic Pathway (SSP) Narratives for the Global Forest Sector. *Journal of Forest Economics* 34:7-45.

**Daigneault, A.** A Shared Socio-economic Pathway Approach to Assessing the Future of the New Zealand Forest Sector. 2019. *Journal of Forest Economics* (in press).

Ausseil, A., **A. Daigneault**, B. Frame, E. Texiera. Towards an integrated assessment of climate and socio-economic change impacts and implications in New Zealand. *Environmental Modelling and Software* 119:1-20.

Gunukula, S., **A. Daigneault**, A.A. Boateng, C.A. Mullen, W.J. DeSisto, M.C. Wheeler. 2019. Influence of Upstream, Distributed Biomass-Densifying Technologies on the Economics of Biofuel Production. *Fuel,* 249:326-333.

Brown, P., **A. Daigneault** and J. Dawson. 2019. Age and Decision Making in New Zealand Agriculture. *Journal of Environmental Management.* 231:110-120.

Greenhalgh S., **A. Daigneault**, O. Samarasinghe. 2018. Allocation – The dilemma at the heart of setting water quality limits. *The Journal (official publication of the New Zealand Institute of Primary Industry Management Incorporated)* 22(4): 25-33.

Monge, J. **A. Daigneault**, L. Dowling, D. Harrison, and A. Ausseil. 2018. Implications from payments for forest ecosystem services on land-use decision-making under uncertain climate change: The case of erosion prevention on the East Coast of New Zealand. *Ecosystem Services*, 33(B):199-212.

Frame, B., A. Reisinger, A. Ausseil, **A. Daigneault** and J. Lawrence. 2018. Adapting shared climate policy assumptions for national and local scenarios. *Climate Risk Management*, 21:39-51.

Fernandez M., and **A. Daigneault.** 2018. The Paris Agreement and its Economic Impact on New Zealand. *Climate Change Economics*, 9(03), p.1850005.

Teixeira, E, J. de Ruiter, A. Ausseil, **A. Daigneault**, P. Johnstone, A. Holmes, A. Tait and F. Ewert. 2018. Adapting crop rotations to climate change in regional impact modelling assessments. *Science of the Total Environment* 616:785-795.

**Daigneault A.,** S. Greenhalgh, and O. Samarasinghe. 2018. Economic impacts of multiple agro-environmental policies on regional New Zealand land use. *Environmental and Resource Economics* 69(4): 763-785.

Brown P., **A. Daigneault**, E. Tjernstrom, and W. Zou. 2018. Natural Disasters, Social Protection, and Risk Perceptions. *World Development* 104:310–325

Fernandez M., and **A. Daigneault.** 2017. Erosion Mitigation in the Waikato District, New Zealand: Economic Implications for Agriculture. *Agricultural Economics* 48(3): 341-361.

**Daigneault, A.,** F. Eppink, and W. Lee. 2017. A national riparian restoration programme in New Zealand: is it value for money? *Journal of Environmental Management* 187:166-177.

**Daigneault A.,** S. Greenhalgh, and O. Samarasinghe. 2017. Sharing the Pie: The dilemma of allocating nutrient leaching between sources. *Ecological Economics* 131:449-459.

Brown, P., **A. Daigneault**, and D. Gawith. 2017. Economic Impacts of Climate Change on Flooding in Fiji. *Climate and Development* 9(6): 493-504.

**Daigneault, A.,** B. Sohngen, and S.J. Kim. 2016. Estimating welfare effects from supply shocks with dynamic factor demand models. *Forest Policy and Economics* 73: 41-51.

Fernandez M., and **A. Daigneault**. 2016a. The Paris Agreement and its impact on cattle and food sectors of New Zealand. *New Zealand Journal of Agricultural Research* 59(4), 436-443.

Fernandez M., and **A. Daigneault**. 2016b. Emissions trading and the economic impact of the Paris Agreement on New Zealand. *Compendium: Cuadernos de Economía y Administración* 3(5): 92–104.

Gawith D., **A. Daigneault** and P. Brown. 2016. Does community resilience mitigate loss and damage from climate-related disasters? Evidence based on survey data. *Journal of Environmental Planning and Management* 59(12): 2102-2123.

**Daigneault, A**, P. Brown, and D. Gawith. 2016. Dredging versus hedging: comparing hard infrastructure to ecosystem-based adaptation to flooding. *Ecological Economics* 122: 25–35.

Stephens, T., S. Greenhalgh, M. Brown, and **A. Daigneault**. 2016. Enhancing the tax system to halt the decline of nature in New Zealand. *Policy Quarterly*. 12(1): 26-34.

Brown, P., and A. **Daigneault.** 2015. Managing the invasive small Indian mongoose in Fiji. *Agricultural and Resource Economics Review* 44(3): 275–290.

Morgan, F., P. Brown, and **A. Daigneault.** 2015. Simulation vs. definition: differing approaches to setting probabilities for agent behaviour. *Land* 4(4): 914–937.

Morgan, F., and **A. Daigneault**. 2015. Estimating Impacts of Climate Change Policy on Land Use: An Agent Based Modelling Approach. *PLOS One*. DOI:10.1371/journal.pone.0127317

Brown, P., and **A. Daigneault**. 2014. Cost–benefit analysis of managing the Papuana uninodis (Coleoptera: Scarabaeidae) Taro Beetle in Fiji. *Journal of Economic Entomology* 107(5): 1866-1877.

Norbury, G., A. Hutcheon, J. Reardon, and **A. Daigneault**. 2014. Pest fencing or pest trapping: a bio-economic analysis of cost-effectiveness. *Austral Ecology* 39(7):795-807.

Brown, P., and **A. Daigneault**. 2014. Cost–benefit analysis of managing the invasive African tulip tree *Spathodea campanulata* in the Pacific. *Environmental Science & Policy* 39: 65-76.

**Daigneault, A**., S. Greenhalgh, and O. Samarasinghe. 2014, A response to Doole and Marsh (2013) article: methodological limitations in the evaluation of policies to reduce nitrate leaching from New Zealand agriculture. *Australian Journal of Agricultural and Resource Ec*o*nomics* 58: 281–290.

Funk J., C. Field, S. Kerr, and **A. Daigneault.** 2014. Modeling the impact of carbon farming on land use in a New Zealand landscape. *Environmental Science & Policy* 37: 1-10.

**Daigneault, A.**, B. Sohngen, and R. Sedjo. 2012. An economic approach to assess the forest carbon implications of biomass energy. *Environmental Science and Technology* 46(11): 5664–5671.

Greenhalgh, S., **A. Daigneault**, O. Samarasinghe, and R. Sinclair. 2012. Capitalizing on Water and Climate Policies in the New Zealand Agricultural and Forestry Sectors. *The International Journal of Climate Change: Impacts and Responses* 3(2): 15-32.

Baker, J., B. McCarl, B. Murray, S. Rose, R. Alig, D. Adams, G. Latta, R. Beach, and **A. Daigneault**. 2010. Net Farm income and land use under a U.S. greenhouse gas cap and trade. *Policy Issues* P17, April 2010: 1-5.

**Daigneault, A.**, M. Miranda, and B. Sohngen. 2010. Optimal forest rotation with environmental values and endogenous fire risk. *Land Economics* 86(1): 155-172.

Newbold, S. and **A. Daigneault**. 2009. Climate response uncertainty and the expected benefits of greenhouse gas emissions reductions. *Environmental and Resource Economics* 44(3): 351-377.

**Daigneault, A.**, B. Sohngen, and R. Sedjo. 2008. Exchange rates and the competitiveness of the U.S. timber sector in a global economy. *Forest Policy and Economics* 10(3): 108-116.

Kelch, D., F. Lichtkoppler, B. Sohngen, and **A. Daigneault**. 2006.  The Value of Steelhead (*Onchorhynchus mykiss)* Angling in Lake Erie Tributaries.  *Journal of Great Lakes Research*. 32:424-433.

**SELECT REPORTS AND OTHER PEER REVIEWED PUBLICATIONS**

**Daigneault A**., Eppink F., Gawith D., Craig H. 2017. “Estimate of the economic damage from the September 2015 flood in Freetown, Bo, and Pujehun (Sierra Leone)”. Landcare Research Contract Report LC2751 for Sierra Leone Environmental Protection Agency. 136p.

Rutledge D.T., Ausseil A-G., Baisden T., Bodeker G., Booker D., Cameron MP., Collins DBG., **Daigneault A.**, Fernandez M., Frame B., Keller E., Kremser S., Kirschbaum MUF., Lewis J., Mullan B., Reisinger A., Sood A., Stuart S., Tait A., Teixeira E., Timar L., Zammit C.. 2017. “Identifying Feedbacks, Understanding Cumulative Impacts and Recognising Limits: A National Integrated Assessment. Synthesis Report RA3. Climate Changes, Impacts and Implications (CCII) for New Zealand to 2100.” CCII report for MBIE contract C01X1225. 84pp.

**Daigneault A.** 2016. “Economic modelling of Hurunui Catchment nitrogen allocation under counter-factual policy assumptions.” Landcare Research Contract Report LC2484 prepared for New Zealand (NZ) Ministry for Primary Industries. 20 p.

**Daigneault A.,** Wright W., Samarasinghe O. 2015. “Economic analysis of land use opportunities in Maniapoto rohe.” Landcare Research Contract Report LC2415 prepared for Maniapoto Māori Trust Board. 62 p.

**Daigneault A**, Samarasinghe, O. 2015. “Whangarei Harbour sediment and E.coli study: Catchment economic modelling.” Landcare Research Contract Report LC2421 prepared for NZ Ministry for Primary Industries. 97 p.

Awatere S, **Daigneault A.**, Hainsworth S., Fenemor A., Tahi M. 2015. “Land-Use Options for Mākirikiri Aggregated Trust lands under a kaitiakitanga framework.” Landcare Research Contract Report LC2135 for NZ Ministry for Primary Industries.

**Daigneault A.** 2015. “Modelling the economic impact of New Zealand’s post-2020 climate change contribution.” Landcare Research Contract Report LC2208 prepared for Ministry for Primary Industries and Ministry for the Environment. 41 p.

**Daigneault A,** Fernandez M. 2015. “Impact of New Zealand's post-2020 Climate Change Contribution: An economic modelling assessment.” Landcare Research Contract Report LC2185 prepared for NZ Ministry for the Environment. 80 p.

**Daigneault A**, Fernandez M, Wright W. 2015. “Economic modelling of New Zealand’s INDC for the post-2020 Climate Change Agreement: quality report.” Landcare Research Contract Report LC2106 prepared for NZ Ministry for the Environment. 59 p.

Fernandez M, **Daigneault A** 2015. “The climate mitigation, adaptation and trade in dynamic general equilibrium (CliMAT-DGE) model”. Landcare Research Contract Report LC2156 prepared for NZ Ministry for the Environment. 59p.

**Daigneault, A**. Fernandez M. 2014. “MfE GHG emissions reduction policy scenarios.” Landcare Research Contract Report LC1966 for the NZ Ministry for the Environment. 167p.

Brown P, **Daigneault A**, Gawith D, Aalbersberg W, Comley J, Fong P, Morgan F. 2014. “Evaluating ecosystem-based adaptation for disaster risk reduction in Fiji.” Landcare Research contract report LC1227 for the Climate and Development Knowledge Network. 161p.

**Daigneault A**, Samarasinghe O, Lilburne L. 2014. “Modelling economic impacts of nutrient allocation policies in Canterbury: Selwyn Catchment.” Landcare Research Contract Report LC1491 for the NZ Ministry for the Environment.

Buncle A, **Daigneault A**, Holland P, Fink A, Hook S, Manley M. 2013. **“**Cost-benefit analysis for natural resource management in the Pacific.” Suva, Fiji: Secretariat of the Pacific Community. <http://www.undp-alm.org/sites/default/files/downloads/cost-benefit_analysis_for_natural_resource_management_in_the_pacific-a_guide.pdf>

**Daigneault A**, Samarasinghe O, Lilburne L 2013. “Modelling economic impacts of nutrient allocation policies in Canterbury: Hinds Catchment.” Landcare Research Contract Report LC1490 for the NZ Ministry for the Environment.

Lennox J, **Daigneault A**, Jhunjhnuwala, K, Turner J, Reisinger A. 2013. “Integrated Assessment of Trade-Related Impacts of Global Climate Change Policies.” Landcare Research Contract Report, prepared for the NZ Ministry for Primary Industries.107p.

**Daigneault A**, Brown P, Greenhalgh S, Boudjelas S, Mather J, Nagle W, Aalbersberg B 2013. “Valuing the impact of selected invasive species in the Polynesia-Micronesia hotspot.” Landcare Research contract report ; LC1227. Landcare Research New Zealand Ltd. 239 p. <http://www.landcareresearch.co.nz/publications/researchpubs/CEPF-valuing-invasives.pdf>

**Daigneault et al**. 2012. “Sustainable Land Management and Climate Change - Catchment Analysis of Climate Change.” MPI SLMACC Contract C09X0904. Landcare Research Contract Report, prepared for the NZ Ministry for Primary Industries (MPI).175p.

**Daigneault A**, McDonald H, Elliott S, Howard-Williams C, Greenhalgh S, Guysev M, Kerr S, Lennox J, Lilburne L, Morgenstern U, Norton N, Quinn J, Rutherford K, Snelder T, Wilcock B. 2012. Evaluation of the impact of different policy options for managing to water quality limits: main report. MPI Technical Paper No: 2012/46. Landcare Research. 127p.

Lennox, J. and **A. Daigneault**. 2011. Quantitative economic analysis of water policies and developments in New Zealand’s regions and catchments. In: *Old Problems, New Solutions*. Russel, S. B. Frame, and J. Lennox, eds. Lincoln, NZ: Manaaki Whenua Press. 59-69.

Adams, D., R. Haynes, and **A. Daigneault**. 2006. *Estimated timber harvest by U.S. region and ownership, 1950-2002.*  Gen. Tech. Rep. PNW-GTR-659. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, 64 p.

**SELECT PRESENTATIONS**

**2018 Society of American Foresters National Convention,** Portland, OR. October 3-7, 2018. “The future of global forestry under alternative shared socioeconomic pathways”

**2018 Agricultural and Applied Economics Association Annual Meetings,** Washington DC. August 5-7, 2018. “Global forest management and carbon sequestration futures under alternative shared socioeconomic pathways”

**6th World Congress of Environmental and Resource Economists**, Gothenburg, Sweden. June 28, 2018. “How tax reform can affect investments in natural resources and public goods"

**Fall 2017 Maine Society of American Foresters Meeting.** Portland, ME. October 6, 2017. “State forest property tax policies: a review”

**2017 Global Trade Analysis Partnership (GTAP) Conference**, West Lafayette, Indiana. June 7-9, 2017. “Shared socio-economic pathway approach to assessing the future of the global forest sector”

**2017 IIASA Forest Sector Modelling Conference.** Vienna, Austria. March 8, 2017. “An overview of the New Zealand forest & agriculture modelling system”

**2016 Agricultural and Applied Economics Association Annual Meetings,** Boston, Massachusetts. July 29-31, 2016. “Equally slicing the pie: water quality policy and allocation”

**2016 Australian Agricultural and Resource Economics Society Annual Meetings,** Canberra, Australia. February 2-5, 2016. “Economic costs and environmental benefits of national riparian restoration for NZ”

**2015 Australian Agricultural and Resource Economics Society Annual Meetings**, Rotorua, New Zealand. February 10-13, 2015. “Linkage of a spatially explicit agent-based model to a partial equilibrium model of agriculture”

**2014 New Zealand Association of Economists Annual Meetings,** Auckland. July 2-4, 2014. “Agro-environmental policy impacts on regional land use in New Zealand” *Winner of NZAE New Zealand Policy Paper Prize*

**2014 Australian Agricultural and Resource Economics Society Annual Meetings,** Port Macquarie, Australia. February 4-7, 2014. “Costs and Benefits of Ecosystem-based Adaptation for Flood Risk Reduction in Fiji”

**2014 Australian Agricultural and Resource Economics Society Annual Meetings,** Port Macquarie, Australia. February 4-7, 2014. “Agro-environmental policy impacts on regional economics and ecosystem services in New Zealand”

**GREENHOUSE 2013 Conference,** Adelaide, Australia, October 8-11, 2013. “Estimating the regional economic impacts of climate change and policy responses on agricultural and forestry productivity”

**2013 Agricultural and Applied Economics Association Annual Meetings,** Washington DC, USA August 4-6, 2013. “Economic and environmental impacts of implementing multiple agro-environmental policies in New Zealand”

**2013 Australian Agricultural and Resource Economics Society Annual Meetings,** Sydney, Australia. February 5-8, 2013. “Invasive species management in the Pacific using survey data and benefit-cost analysis”

**2013 Australian Agricultural and Resource Economics Society Annual Meetings,** Sydney, Australia. February 5-8, 2013. “Economic and environmental impacts of nutrient reduction policies and their design at the catchment-level”

**2012 EcoSummit for Ecological Sustainability,** Columbus, Ohio, USA October 1-5, 2012. “Economic and environmental impacts of implementing multiple agro-environmental policies in New Zealand”

**2012 Agricultural and Applied Economics Association Annual Meetings,** Seattle, USA August 12-14, 2012. “Modeling forestry in dynamic general equilibrium: a climate change policy analysis”

**2012 Agricultural and Applied Economics Association Annual Meetings,** Seattle, USA August 12-14, 2012. “Estimating impacts of climate change policy on land use: an agent based modeling approach”

**2012 Australian Agricultural and Resource Economics Society Annual Meetings,** Fremantle, Australia. February 7-10, 2012. “Role of global forests in climate change mitigation: a focus on the Australia and New Zealand forest sector”

**2011 Agricultural and Applied Economics Association Annual Meetings,** Pittsburgh, USA. July 24-26, 2011. “Estimating Co-benefits of agricultural climate policy in New Zealand: A catchment-level analysis”

**2011 New Zealand Association of Economists Annual Meeting,** Wellington, New Zealand. June 29-30, 2011. “Estimating co-benefits of New Zealand agricultural climate policy” *Runner-up of NZAE New Zealand Policy Paper Prize*

**2009 National Conference on Forestry Solutions,** Shimla, HP, India, November 19-21, 2009. “Role of global forests in climate change mitigation”

**2009 International Association of Research Universities Climate Change Congress,** Copenhagen, Denmark, March 10-12, 2009.  **“**Implications of offset eligibility provisions on GHG mitigation for U.S. forestry and agriculture carbon sinks”

**2007 American Agricultural Economics Association Annual Meeting,** Portland, OR, July 29-31, 2007. “Optimal forest rotations with environmental values and endogenous fire risk”

**2005 American Agricultural Economics Association Annual Meeting**, Providence, RI, July 24-27, 2005. “Exchange Rates and the Competitiveness of the U.S. Timber Sector in a Global Economy”

**MANUSCRIPTS UNDER REVIEW**

Listo, A, **A. Daigneault,** W. Gray, G. Hunt. Environmental Regulations and Employment in the Pulp And Paper Industry: Evidence From The Cluster Rule. Under review at *Journal of Environmental Economics and Management* (submitted December 2018)

Gawith, D., I. Hodge, F. Morgan, and **A. Daigneault**. Climate change costs more than we think because people adapt less than we assume. *Ecological Economics* (Submitted May 2019).

**Daigneault, A**., B. Sohngen, R. Sedjo. Forest Taxation How tax reform can affect investments in natural resources and public goods. Under review at *American Journal of Agricultural Economics* (submitted March 2019)*.*

**TEACHING EXPERIENCE**

**2018-19** SFR 544, Forest Resource Economics (Spring 2019)

 SFR 446/546, Forest Resource Policy (Spring 2019)

 SFR 521, Research Methods in Forest Resources (Fall 2018)

**2017-18** SFR 521, Research Methods in Forest Resources (Fall 2017)

SFR 444/544, Forest Resource Economics (Fall 2017)

 SFR 446/617, Forest Resource Policy (Spring 2018)

**2016-17** SFR 521, Research Methods in Forest Resources (Fall 2016)

SFR 446/617, Forest Resource Policy (Spring 2017)

**2015-16** Economic Analysis of Invasive Species Management in East Melanesia

**2014-15** Economics of Invasive Species Management in Southeast Asia

**2013-14** Cost-benefit Analysis of Invasive Species Management in the Caribbean

**2012-13** Economic Analysis of Natural Resource Management in the Pacific Islands

**2011** Invited guest lecturer. Energy Policy, the Environment, and Social Change. University of Notre Dame

**RESEARCH GRANT AWARDS**

$22,981. (**PI: Adam Daigneault**). “A Maine Soil Health Initiative to Enhance Agricultural Sustainability and Mitigate Climate Change” Funded by Mitchell Center Sustainability Grant.

$36,000. (PI: Anil Raj Kizha, University of Maine). “Identifying opportunities for improving small-diameter tree harvesting strategies, logistics and market diversification.” Funded by the UMaine Cooperative Forestry Research Unit.

$25,000. (**PI: Adam Daigneault**) “Developing Economic and Community Resilience Indicators for the Katahdin Region, Phase 2.” 2018-2019. Funded by The Nature Conservancy.

$26,205. (**PI: Adam Daigneault**). “Developing Economic and Community Resilience Indicators for the Katahdin Region.” Funded by Mitchell Center Sustainability Grant.

$499,907. (**UMaine PI: Adam Daigneault**; University of Vermont PI: Meredith Niles). 2018-2021. “Assessing Climate Perceptions and Developing Adaptation Resources for Small, Medium and Beginning Farms.” Funded by USDA Agriculture and Food Research Initiative.

$2,998,314. (PI: Sandra De Urioste-Stone, University of Maine). “Enhancing Conservation Science and Practice: An Interdisciplinary Program.” 2018-2022. Funded by NSF Research Traineeship (NRT) program.

$150,000. (PI: Sandra De Urioste-Stone, University of Maine). 2018-2020. “Fostering Climate Change Resilience: A Socio-Ecological Forest Systems Approach.” Funded by USDA Agriculture and Food Research Initiative.

$179,654. (PI: Anil Raj Kizha, University of Maine). “Small-diameter trees: Evaluating cost and value proposition of harvest from different silvicultural prescriptions”. Funded by the USDA Agricultural Research Service.

$115,006. (PI: Sam Roy, University of Maine). “Fishy business: identifying synergies between researchers and stakeholders for improved transportation infrastructure and ecological resilience through coordinated road culvert improvement” Funded by USGS Water Resources Research Institutes Sustainability Research Grant.

$41,908. (**PI: Adam Daigneault**). “Developing Economic and Community Resilience Indicators for the Katahdin Region, Phase 1.” 2017-2018. Funded by The Nature Conservancy.

$399,999. (PI: Mehdi Tajvidi, University of Maine). 2017-2020. “Technical and Economic Feasibility Evaluation and Pilot-Scale Production of Composite Panels Made From Low-Cost Cellulose Nanomaterials and Wood Residues.” Funded by the USDA Agricultural Research Service.

$400,000. (PI: Steve Shaler, University of Maine). 2017-2020. “Commercialization and Scaling Up of Mass Timber in Maine.” Funded by the USDA Agricultural Research Service.

$150,000. (PI: Aaron Weiskettel, University of Maine). 2017-2018. “Benchmarking Maine’s Forest Product Sector and Assessing Future Markets.” Funded by the USDA NIFA.

$30,882. (**PI: Adam Daigneault**) “An Integrated Approach to Realizing the Value of Maine’s Forest Resources.” 2017-2018. Funded by the University of Maine Research Reinvestment Fund.

**MANUSCRIPTS REVIEWED**

*Agricultural Systems, Australian Journal of Agricultural and Resource Economics, Carbon Balance and Management, Climate Policy, Climatic Change, Computers and Electronics in Agriculture, Ecosystem Services, Energy Policy, Energy Economics, Environmental Economics & Policy Studies, Environment, Development and Sustainability, Environmental & Resource Economics, Environmental Science and Technology, Environmental Science and Policy, Forest Economics and Policy*, *Forest Science*, *Frontiers in Ecology and the Environment, Global Change Biology, Journal of Agricultural and Resource Economics Review*, *Journal of Forest Economics*, *Land Use Policy, Management Science, Mitigation and Adaptation Strategies for Global Change*, *Management Science, Natural Hazards, Nature Climate Change, Nordic Pulp and Paper Research Journal, PLOS ONE, Resources, Conservation & Recycling, Sustainability,* USDA Forest Service Publications, US Environmental Protection Agency Publications, Economic Report of the President

**PROFESSIONAL AFFILIATIONS**

American Agricultural Economics Association (AAEA)

Association of Environmental and Resource Economists (AERE)

Society of American Foresters (SAF)

Northeast Agricultural and Resource Economics Association (NAREA)