

CURRICULUM VITAE

David Manuel-Navarrete

Associate Professor, School of Sustainability, Arizona State University
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EDUCATION

- Ph.D., Geography, University of Waterloo, Canada, 2004. Dissertation: *Ecological Integrity Discourses and Conservation Initiatives*. Advisor: James J. Kay.
- M.S., Ecological Economics, Autonomous University of Barcelona, Spain, 2000. Thesis: *Integrated Assessment of Socio-economic Development in Wetland Areas*
- B.A., Environmental Sciences, Autonomous University of Barcelona, Spain, 1998.

WORK EXPERIENCE

- 2018-present Associate Professor. School of Sustainability. Arizona State University, USA
- 2012-18 Assistant Professor. School of Sustainability. Arizona State University, USA
- 2010-12 Visiting Researcher. DesiguALdades.net at Free University of Berlin and Ibero-American Institute, Berlin, Germany
- 2007-10 Research Associate. Department of Geography. King's College London. UK
- 2004-07 Consultant. Sustainable Development and Human Settlements Division. United Nations Economic Commission for Latin America and the Caribbean (ECLAC). Santiago, Chile

REFEREED PUBLICATIONS

Average of my publications' 5-year Impact Factor (IF) on JCR (2015) ~ **5**
30 peer-reviewed papers, **4** books/UN Reports, **12** book chapters

1. **Manuel-Navarrete, D.**, Morehart, C., Tellman, B., Eakin, H., Siqueiros-García, J. M., & Aguilar, B. H. 2019. Intentional Disruption of Path-dependencies in the Anthropocene: Gray versus Green Water Infrastructure Regimes in Mexico City, Mexico. *Anthropocene*, 100209.
2. Papenfuss, J., Merritt, E., **Manuel-Navarrete, D.**, Cloutier, S., Eckard, B. 2019. Interacting Pedagogies: A Review and Framework for Sustainability Education. *The Journal of Sustainability Education*, April 27th. http://www.susted.com/wordpress/content/interacting-pedagogies-a-review-and-framework-for-sustainability-education_2019_04/
3. Tellman, B., Bausch, J., Eakin, H., Anderies, J., Mazari-Hiriart, M., **Manuel-Navarrete, D.**, Redman, C. 2018. Adaptive Pathways and Coupled Infrastructure: Seven Centuries of Adaptation to Water Risk and the Production of Vulnerability in Mexico City. *Ecology & Society*, 23 (2):46. [5-year IF= 3.980]

4. Charli-Joseph, L., Siqueiros-García, M., Eakin, H., **Manuel-Navarrete, D.**, Shelton, R. 2018. Promoting agency for social-ecological transformation: The Transformation-lab in Xochimilco social-ecological system. *Ecology & Society*, 23 (1). [5-year IF= 3.980]
5. Marshall, N., Barnes, M., Birtles, A., Brown, K., Cinner, J., Curnock, M., Eakin, H., Goldberg, J., Gooch, M., Kittinger, J., Marshall, P., **Manuel-Navarrete, D.**, Pelling, M., Smit, B., Tobin, R. 2018. Measuring what Matters in the Great Barrier Reef. *Frontiers in Ecology and the Environment*, 16 (5), 271-277. [5-year IF=9.993]
6. Force, A., **Manuel-Navarrete, D.**, Benessaiah, K. (*Co-authors were students*) 2018. Tourism and transitions towards sustainability: The role of tourists' pro-sustainability agency. *Sustainability Science*, 13 (2), 431-445. [5-year IF Journal Citation Reports (JCR)= 3.971]
7. Eakin, H., Bojórquez-Tapia, L. A., Janssen, M. A., Georgescu, M., **Manuel-Navarrete, D.**, et al. 2017. Urban resilience efforts must consider social and political forces. *Proceedings of the National Academy of Sciences*, 114(2), 186-189. [5-year IF= 10.285]
8. **Manuel-Navarrete, D.** 2016. Boundary-work and Sustainability in Tourism Enclaves. *Journal of Sustainable Tourism*, 24(4): 507-526. [5-year IF= 3.439]
9. Fernández, I. C., **Manuel-Navarrete, D.**, Torres-Salinas, R. (*Co-authors were students*) 2016. Breaking Resilient Patterns of Inequality in Santiago de Chile: Challenges to Navigate towards a More Sustainable City. *Sustainability*, 8(8): 820. [IF= 1.343 (2015)]
10. Lebel, L., Garden, P., Luers, A., **Manuel-Navarrete, D.**, Dao, G. 2016. Knowledge and Innovation Relationships in the Shrimp Industry in Thailand and Mexico. *Proceedings National Academy of Sciences*, 113(17): 4585–4590. [5-year IF= 10.285]
11. Eakin, H., Lerner, A.M., **Manuel-Navarrete, D.**, Hernández Aguilar, B., Martínez-Canedo, A., Tellman, B., Charli-Joseph, L., Fernández Álvarez, R., Bojórquez-Tapia, L. 2016. Adapting to risk and perpetuating poverty: Household's strategies for managing flood risk and water scarcity in Mexico City, *Environmental Science & Policy*, 66, 324-333. [5-year IF=3.776]
12. Lemos, M.C., **Manuel-Navarrete, D.**, Willems, B., Diaz Caravantes, R., Varady, R.G. 2016. Models for understanding adaptive capacity and water security: Advances in metrics. *Current Opinion in Environmental Sustainability*, 21, 52-57. [5-year IF=4.776]
13. **Manuel-Navarrete, D.**, Pelling, M. 2015. Subjectivity and the Politics of Transformation in Response to Development and Environmental Change. *Global Environmental Change*. 35: 558-569. [5-year IF=7.482]
14. **Manuel-Navarrete, D.** 2015. Double coupling: Modelling Subjectivity and Asymmetric Organization in Socio-ecological Systems. *Ecology & Society*, 20(3): 26. [5-year IF= 3.980]

15. Kalavar, J.M., Buzinde, C.N., **Manuel-Navarrete**, D., Kohli, N. 2015. Gerotranscendence and Life Satisfaction: Examining Age Differences at the Maha Kumbha Mela. *Journal of Religion, Spirituality and Aging*, 26:1–14. [IF unavailable on JCR]
16. Xu, L., **Manuel-Navarrete**, D., Buzinde, C.N. 2014. Theorizing the Concept of Alienation in Tourism Studies. *Annals of Tourism Research*, 44:186–199. [5-year IF=3.882]
17. Buzinde, C.N., Kalavar, J.M., Kohli, N., **Manuel-Navarrete**, D. 2014. Emic Understandings of Kumbh Mela Pilgrimage Experiences, *Annals of Tourism Research*, 49:1–18. [5-year IF=3.882]
18. **Manuel-Navarrete**, D., Buzinde, C. N. (*equal contribution*). 2013. The Social Production of Space in Tourism Enclaves: Mayan Children’s Perceptions of Tourism Boundaries. *Annals of Tourism Research*, 43:482–505. [5-year IF=3.882]
19. O’Brien, K., Reams, J., Caspari, A., Dugmore, A., Faghihimani, M., Fazey, I., Hackmann, H., **Manuel-Navarrete**, et al. 2013. You Say you want a Revolution? Transforming Education and Capacity Building in Response to Global Change, *Environmental Science and Policy*, 28:48–59. [5-year IF=3.776]
20. **Manuel-Navarrete**, D., Gallopín, G. 2012. Feeding the World Sustainably: Knowledge Governance and Sustainable Agriculture in the Argentine Pampas. *Environment, Development and Sustainability*, 14:321–333. [IF unavailable on JCR]
21. **Manuel-Navarrete**, D., Pelling, M., Redclift, M. 2011. Critical Adaptation to Hurricanes in the Mexican Caribbean: Development Visions, Governance Structures, and Coping Strategies. *Global Environmental Change*, 21:249–258. [5-year IF=7.482]
22. Pelling, M., **Manuel-Navarrete**, D. 2011. From Resilience to Transformation: the Adaptive Cycle in Two Mexican Urban Centers. *Ecology and Society*, 16(2):11. [5-year IF= 3.980]
23. **Manuel-Navarrete**, D. 2010. Power, Realism, and the Humanist Ideal of Emancipation in a Climate of Change. *Wiley Interdisciplinary Reviews: Climate Change*, 1(6):781–785. [5-year IF= 5.185]
24. Buzinde, C.N., **Manuel-Navarrete**, D., Kerstetter, D., Redclift, M. 2010. Representations and Adaptation to Climate Change. *Annals of Tourism Research*, 37(3):581–603. [5-year IF=3.882]
25. Buzinde, C.N., **Manuel-Navarrete**, D., Yoo, E.E., Morais, D. 2010. Tourists' Perceptions in a Climate of Change. *Annals of Tourism Research*, 37(2):333–354. [5-year IF=3.882]

26. **Manuel-Navarrete**, D., Gallopín, G., Blanco, M., Díaz-Zorita, M., Ferraro, D., Herzer, H., Laterra, P., Murmis, M.R., Podestá, G., Rabinovich, J., Satorre, E.H., Torres, F. Viglizzo, E. 2009. Multi-causal and Integrated Assessment of Sustainability. Agriculturization in the Argentine Pampas. *Environment, Development and Sustainability*, 11:621–638. [IF unavailable on JCR]
27. **Manuel-Navarrete**, D., Gómez, J.J., Gallopín, G. 2007. Syndromes of Sustainability of Development for Assessing Coupled Human-environmental Systems Vulnerability. Hydrometeorological Extreme Events in Central America and the Caribbean. *Global Environmental Change*, 17(2):207-217. [5-year IF=7.482]
28. **Manuel-Navarrete**, D., Slocombe, S., Mitchell, B. 2006. Science for Place-based Socio-ecological Management: Lessons from the Maya Forest (Chiapas and Petén), *Ecology and Society*, 11(1):8. [5-year IF= 3.980]
29. **Manuel-Navarrete**, D. 2005. Challenges and Opportunities of Metadisciplinary Place-based Research: The Case of the Maya Forest, *Environments: A Journal of Interdisciplinary Studies*, 33(1):81-96. [IF unavailable on JCR]
30. **Manuel-Navarrete**, D., Kay, J.J., Dolderman, D. 2004. Ecological Integrity: Linking Biology with Cultural Transformation, *Human Ecology Review*, 11(3):215-229. [5 year IF=1.069]

BOOKS & UNITED NATIONS PUBLICATIONS

31. Pelling, M., **Manuel-Navarrete**, D., Redclift, M. (Eds.). 2012. Climate Change and the Crisis of Capitalism: A Chance to Reclaim Self, Society and Nature. Routledge, London
32. Redclift, M., **Manuel-Navarrete**, D., Pelling, M. 2011. Climate Change and Human Security: The Challenge of Local Governance under Rapid Urbanization. Edward Elgar, Cheltenham
33. **Manuel-Navarrete**, D., Gallopín, G. 2007. Policy Integration, Sustainability and Agriculturization in the Argentine Pampas and Extra-Pampean Regions. Seminars and Conferences Series 50, ECLAC: Santiago de Chile (Spanish)
34. **Manuel-Navarrete**, D., Gallopín, G., et al. 2005. Systems Analysis of Agriculturization in the Argentine Pampas: Sustainability, Knowledge Gaps and Policy Integration. Environment and Development Series, 118. ECLAC: Santiago de Chile (Spanish)

BOOK CHAPTERS

35. **Manuel-Navarrete**, D. 2016. Tourism and Sustainability. In Heinrichs, H., Michelsen, G., Martens, P., and Wiek, A. (Eds.) *Sustainability Science. An Introduction*, 283-292. Berlin: Springer

36. Mahanti, A., **Manuel-Navarrete, D.** 2015. From Sustainable Development to Governance for Sustainability. In Redclift, M., and Springett, D. (Eds.) *Routledge International Handbook of Sustainable Development*, 416-428. London: Routledge
37. Redclift, M., **Manuel-Navarrete, D.** 2015. Sustainable places: place as a vector of culture. Two cases from Mexico. In Dessein, J., Battaglini, E., and Horlings, L. (Eds.) *Cultural Sustainability and Regional Development: Theories and Practices of Territorialisation*, 17-28. London: Routledge
38. **Manuel-Navarrete, D.**, Redclift, M. 2014. Espacios de Consumismo y Consumo del Espacio: La comercialización turística de la Riviera Maya. In Göbel, B., Góngora Mera, M. and Ulloa, A. (Eds.) *Desigualdades Socio-ambientales en América Latina*, 292-307. Bogota: Universidad Nacional de Colombia (Spanish)
39. **Manuel-Navarrete, D.** 2013. Human-nature Integration and Global Environmental Change. In O'Brien, K., Wolf, J., and Sygna, L. (Eds.) *A Changing Environment for Human Security: New Agendas for Research, Policy, and Action*, 305-315. Earthscan, London
40. **Manuel-Navarrete, D.**, Redclift, M. 2012. Spaces of Consumerism and the Consumption of Space: Tourism and Social Exclusion in the 'Mayan Riviera'. In Petierra, A., and Sinclair, J. (Eds.) *Consumer Culture in Latin America*, 177-194. Palgrave Macmillan, NY
41. **Manuel-Navarrete, D.** 2012. The Ideology of Growth: Tourism and Alienation in Akumal, Mexico. In Pelling, M. Manuel-Navarrete, D., Redclift, M. (Eds.) *Climate Change and the Crisis of Capitalism: A Chance to Reclaim Self, Society and Nature*, 143-156. Routledge, London
42. **Manuel-Navarrete, D.**, Pelling, M., Redclift, M. 2012. Conclusions: Alienation, Reclamation and a Radical Vision. In Pelling, M. Manuel-Navarrete, D., and Redclift, M. (Eds.) *Climate Change and the Crisis of Capitalism: A Chance to Reclaim Self, Society and Nature*, 189-198. Routledge, London
43. Pelling, M., **Manuel-Navarrete, D.**, Redclift, M. 2012. Climate Change and the Crisis of Capitalism. In Pelling, M. Manuel-Navarrete, D., Redclift, M. (Eds.) *Climate Change and the Crisis of Capitalism: A Chance to Reclaim Self, Society and Nature*, 1-18. Routledge, London
44. **Manuel-Navarrete, D.**, Buzinde, C. 2010. Socio-ecological Agency: From "human exceptionalism" to Coping with "exceptional" Global Environmental Change. In Redclift, M., and Woodgate, G. (Eds.) *The International Handbook of Environmental Sociology*, 136-149. Edward Elgar, Cheltenham
45. **Manuel-Navarrete, D.**, Redclift, M. 2010. The Role of Place in the Margins of Space. In Redclift, M., and Woodgate, G. (Eds.) *The International Handbook of Environmental Sociology*, 334-348. Edward Elgar, Cheltenham
46. **Manuel-Navarrete, D.**, Dolderman, D., Kay, J.J. 2008. An Ecosystem Approach for Sustaining Ecological Integrity- But Which Ecological Integrity? In Waltner-Toews, D., Kay, J.J., and Lister, N-M. (Eds.) *The Ecosystem Approach: Complexity, Uncertainty, and Managing for Sustainability*, 335-345. Columbia University Press, NY
47. **Manuel-Navarrete, D.**, Dolderman, D., Kay, J.J. 2007. Evolution of the Ecological Integrity Debate. In Soskolne, C.L., Westra, L., Kotzé, L.J., Mackey, B., Rees, W.E., and Westra, R. (Eds.) *Sustaining Life On Earth: Environmental and Human Health through Global Governance*, 127-138. Lexington Books, Maryland

OTHER PUBLICATIONS

48. Lemos, M.C., **Manuel-Navarrete**, D., Willems, B., Diaz Caravantes, R., Varady, R.G. 2018. Combining water security and adaptive capacity for improved water management, Global Water Forum, Nov. 12th. Leading article in homepage (www.globalwaterforum.org)
49. Xue, L., **Manuel-Navarrete**, D. Buzinde, C., 2016. Alienation. In J. Jafari and H. Xiao, eds. Encyclopedia of Tourism. Cham: Springer International Publishing, 24–25
50. **Manuel-Navarrete**, D. 2013. Climate Change and Society. *Social & Cultural Geography*, 14(2), 239-241. (Book Review)
51. **Manuel-Navarrete**, D. 2012. Entanglements of Power and Spatial Inequalities in Tourism in the Mexican Caribbean, *desiguALdades.net Working Paper Series*, No. 17, Berlin: Free University of Berlin
52. **Manuel-Navarrete**, D., Anta, S. 2007. Conservação da Natureza e Biodiversidade (Análise Ambiental e de Sustentabilidade do Estado do Amazonas), Project Reports, 126, ECLAC, Santiago de Chile (Portuguese)
53. **Manuel-Navarrete**, D., Pelling, M., Redclift, M. 2009. Coping, governance, and development: The climate change adaptation triad. *Environment, politics and development working paper series*, 18. Dep. of Geography. Kings' College London
54. **Manuel-Navarrete**, D., Pelling, M., Redclift, M. 2009. Governance as process: Powerspheres and climate change response. *Environment, politics and development working paper series*, 9. Dep. of Geography. King's College London
55. Pelling, M., **Manuel-Navarrete**, D., Redclift, M. 2008. Urban transformation and social learning for climate proofing on Mexico's Caribbean coast'. *Report. King's College London*, London
56. **Manuel-Navarrete**, D. 2007. Reflexivity. In Bevir, M. (Ed.) *Encyclopedia of Governance*, 799-800. SAGE Publications. London
57. **Manuel-Navarrete**, D., Samaniego, J. 2007. Global Warming. In Bevir, M. (Ed.) *Encyclopedia of Governance*, 356-357. SAGE Publications. London
58. **Manuel-Navarrete**, D., and Modvar, C. 2007. Stakeholders. In Bevir, M. (Ed.) *Encyclopedia of Governance*, 917-921. SAGE Publications
59. **Manuel-Navarrete**, D. 2001. Approaches and Implications of using Complexity Theory for dealing with Social Systems. Yale Centre of Comparative Studies. Yale University. New Haven

RESEARCH GRANTS

Funded: \$1,606,926 / Under Review: --- / Total in grant proposals: \$18,489,743

FUNDED GRANTS

- 2018-19 **\$81,700, GSCO**: “Language for Sustainability: Sustaining Biodiversity and Bio-cultures through Indigenous Languages and Participatory Science”. **PI**. Global Consortium for Sustainability Outcomes Seed Grant. Co-PIs: Tod Swanson (ASU), Leah Gerber (ASU), Berta Martin-Lopez (LUL), David Lam (LUL), Tuyeni Heita Mwampamba (UNAM), Ana Escalante (UNAM).
- 2016-19 **\$61,695, PATHWAYS**: “Transformative pathways to sustainability: Learning across disciplines, contexts and cultures”, **Co-PI**. (*sub-award*) International Social Science

- Council (ISSC) Transformative Knowledge Network Grant. Adrian Ely (PI), U. of Sussex; Co-PIs: Eakin, H (ASU), Marin, A (CONICET, Buenos Aires); Scoones, I (U. of Sussex); Zhang, X (Beijing Normal U.), Dinesh, A (Jawaharlal U.), Olsson, P (Stockholm U.), Cosmas, O (African Center for Technology Studies).
- 2014-18 **\$1,443,531, MEGADAPT**: “The Dynamics of Multi-scalar Adaptation in the Megalopolis: Autonomous action, institutional change and social-hydrological risk in Mexico City”, **Co-PI**. NSF CNH 10-612, Eakin, H (PI), Vivoni, E (Co-PI), Redman, C (Co-PI) Arizona State University & Autonomous National University of Mexico
- 2014 **\$20,000** “Initial Exploration of Linkages between Marine Megafauna Behavior and Ecotourism Governance”, **Co-PI**. Environmental Defense Fund (EDF). Hueter, R (PI), Mote Marine Laboratory & Arizona State University.
- 2013 **\$14,500** “Pilgrimage Tourism, Wellbeing and Environmental Ethics: The case of the Maha Kumbh Mela in Allahabad, India”, **Co-PI**. Arizona State University, Institute for Humanities Research (IHR) & Pennsylvania State University’s Children, Youth and Families Consortium (CYFC). Buzinde, CN (PI), Kalavar, J (Co-PI) & Kohli, N (Co-PI). Arizona State University & Pennsylvania State University.

GRANT APPLICATIONS UNDER REVIEW

PARTICIPATION IN FUNDED GRANTS AS RESEARCHER

- 2015-20 “Urban Resilience to Extremes”, **Participant**. NSF Sustainability Research Networks Program, **14\$Million**. Redman, C (PI), Grimm, N (PI), Chester, M (PI), ASU. Including 10 cities across the Americas.
- 2007-10 “Human Security and Local Governance” **RA**. UK’s Economic and Social Research Council **£405,000**. Redclift, M (PI), Pelling, M (Co-PI), King’s College London
- 2004-06 “Knowledge Systems for Sustainable Development”, **Research Fellow**. National Oceanic and Atmospheric Administration. Clark, WC (PI), Gallopin, G (Co-I), Lebel, L (Co-I), Matson, P (Co-I), Buizer, J (Co-I). Grant Number: NA03OAR4310098. Harvard U., ASU, Chiang Mai U., Stanford U., UN ECLAC.

UNSUCCESSFUL GRANT APPLICATIONS

- 2018 **\$463,836**, “CAREER: Intentional Transformation of Human Niche Construction Regimes in the Anthropocene”, **PI**. NSF 17-537.
- 2017 **\$1,379,000**, “From Traps to Transformation: Transformative agency for Social-environmental-technological change”, **Co-PI**. NORFACE-Belmont Transformations to Sustainability. Moore, M-L (PI), (Stockholm Resilience Center, SRC). Co-PIs: Olsson, P (SRC), Eakin, H (ASU), Marshall, F & Dolley, J (STEPS Center, U. of Sussex), Schneider, F & Tribaldos, T (U. of Bern).

- 2017 **\$4,980,756, TLALOC**: “Transnational Long-term Analysis of Local Effects of Climate Change”, **Co-PI**. NSF PIRE. Ainsworth, CH (PI) College of Marine Science, University of South Florida. Co-PIs: Curchitser, EN, Institute of Marine and Coastal Sciences Rutgers; Kaplan, IC, NOAA Fisheries; Morzaria-Luna, HN, Intercultural Center for the Study of Deserts and Oceans; Gerber, L, ASU.
- 2015 As **Co-PI**: “CNH-L: Assessing climate change vulnerability of marine socioecological systems in Large Marine Ecosystems”. NSF CNH 10-612, **\$1,799,298**. Ainsworth, CH (PI), U. South Florida. Co-PIs: Curchitser, EN, Rutgers U.; Kaplan, IC, NOAA-Fisheries; Morzaria-Luna, HN, Intercultural Center for the Study of Deserts and Oceans.
- 2014 As **PI**: “Linking the Behavior of Marine Megafauna with the Economic and Emotional Dimensions of Ecotourism”. NSF CNH 10-612, **\$499,972**. Co-PIs: Hueter, B, MOTE Marine Lab, Abbott, J, ASU; Buzinde, C (ASU), Whitney, N, MOTE Marine Lab.
- 2013 As **Co-PI**: “Well-Being and the Sustainable Provision of Healthcare for All: Lessons from the Kumbh Mela In India”. Global Innovation Initiative: British Council Internationalizing Higher Education, **\$250,000**. Buzinde, CN (PI), ASU. Co-PIs: Wilson, J, University College London; Kholi, N, University of Allahabad; Kalavar, J, Penn Sate University.
- 2013 As **PI**: “The Goose and the Golden Egg: Linking the Behavior and Ecology of Marine Megafauna with Ecotourism Governance Dynamics”. NSF CNH 10-612, **\$249,984** **Manuel-Navarrete, D.** (PI), Hueter, B (co-PI), Eakin, H (co-PI) and Buzinde, C (co-PI). ASU & MOTE Marine Lab.
- 2012 As **Co-PI**: “Transformative Adaptation to Social-Hydrological Change in the Mexico City Basin”. NSF CNH 10-612, **\$1,447,751**. Eakin, H (PI), ASU. Co-PIs: Vivoni, E, Redman, C, ASU.

TEACHING EXPERIENCE

10 different courses, 22 classes taught in total, 262 undergraduate & 146 graduate students

SOS 322 - **International Development and Sustainability** (Spring 2014, Spring&Fall 2015, Spring&Fall 2016, Spring&Fall 2017, Spring 2018). Enrolment: 39, 32, 22, 28, 32, 26, 30.

ASU special course on “Risk and Sustainability” (Summer 2018). **Module on Archetype Analysis**. 28 June- 5 July, Beijing Normal University (BNU), China. Enrolment: 8.

SOS 510 - **Perspectives of Sustainability- Section MA, MS, PhD** (Fall 2017). Enrollment: 14.

SOS 510 - **Perspectives of Sustainability- Section MA, MS, PhD** (Fall 2016). Enrollment: 25.

SOS 510 - **Perspectives of Sustainability** (Fall 2014): Co-taught with Dr. Charles Redman. Enrollment: 45. (Fall 2015): Co-taught with Dr. Kelli Larson. Enrollment: 43.

SOS 594 - **Sustainability Review Workshop** (Fall 2014). Enrolment: 2.

SOS 591 - **Qualitative Methods for Sustainability Problems** (Spring 2014, 2015). Enrolment: 7, 21. Co-taught with Dr. Sonja Klinsky.

SOS 792 - **Research** (Fall 2013, Spring 2014, 2015, Fall 2015). Enrolment: 1, 2, 1, 2.

SOS 591 - **Adaptation, Resilience, Transformation** (Fall 2013). Enrolment: 7. Co-taught with Dr. Hallie Eakin.

SOS 514/SOS 320 - **Society and Sustainability** (Dubai Study Abroad, Summer 2013). Enrolment: 20. Co-taught with Dr. Christine Buzinde.

SOS 494 - **Sustainability Leadership and Social Change** (Spring 2013). Video (30 min.) available at: <http://sustainability.asu.edu/media/video/sustainability-transformation> was produced in this capstone course. Enrolment: 4.

SOS 300 - **Advanced Concepts and Integrated Approaches** (Spring 2013) (on-line). Enrolment: 39.

PUBLICITY

PODCAST INTERVIEW: Future Cities Program Special Episode 11. “Paradigmas insostenibles en nuestras ciudades” [unsustainable paradigms in our cities]. 20 June, 2018. Available at: <https://www.youtube.com/watch?v=03BFkocZOc>

VIDEO: **Transformative Education for Sustainability**. Self-produced video about my SOS322 course, October 2016. Published on Youtube by Julie Ann Wrigley Global Institute of Sustainability. Available at: https://www.youtube.com/watch?v=vO551w4PD_4

NEWS: **Sustainability and Success: Teaching with technology**, By N. Muilenberg, November 2013. Available at: <https://asunews.asu.edu/20131107-sustainability-education>

NEWS: **Sustainability Students Create Documentary on Transforming Education**, by N. Muilenberg, October 2013. Available at: <https://sustainability.asu.edu/stardust/news/archive/sustainability-students-create-documentary-on-transforming-education/>

NEWS: **Sustainability Students Experience Cultural, Corporate Contexts from Leaders in Dubai**, by N. Muilenberg, July 2013. Available at: https://asunews.asu.edu/20130708_dubaitrip

NEWS: **Students, Faculty 'Show' Sustainability at Open House Event**, by Michelle Schwartz, May 2013 (showcasing my SOS 494 capstone class). Available at: https://asunews.asu.edu/20130424_openhouse

MENTORING

18 graduate student committees (10 graduated), 4 undergraduate honor students (all graduated)

CHAIR OR CO-CHAIR OF GRADUATE STUDENTS COMMITTEES

1. Matt Cohen. PhD Sustainability ASU. Aligning Urban Public Participation Processes to Community Context. Graduated May 2015. Co-chair.
2. Molly Cashion. MA Sustainability ASU. Exploring the Permeability of the Religion-Science Boundary in the context of Environmental Education in Alabama. Graduated May 2016. Chair.
3. Marley Halter. MA Sustainability ASU. T-labs for Promoting Community Gardens. *In progress*. Graduated May 2018. Chair.
4. Alfonso Lopez-Morales. MA Sustainability ASU. Sustainability narratives and their application within a multi-cultural reality from the perspective of Academia. Graduated July 2018. Chair
5. Jessica Ortiz. MA Sustainability ASU. The role of perception for adaptive capacity in post-Hurricane Maria Puerto Rico. *In progress*. Co-chair.
6. Neda Movahed. PhD Sustainability ASU. Transformative Sustainability Education. *In progress*. Co-Chair.
7. Jason Papenfuss, PhD Sustainability ASU. Transformative Sustainability Education. *In progress*. Co-chair.
8. Matthew Nock, PhD Sustainability ASU. Transformative Sustainability Education. *In progress*. Co-chair.
9. John Takamura, PhD Sustainability ASU. Vittu: The Linkages Between Indigenous Crafting, Sustainable Livelihood, and Concepts of Wellbeing in the context of Social Entrepreneurship. *In progress*. Co-chair.

MEMBER OF GRADUATE STUDENT COMMITTEES

1. Nivedita Rengarajan. MS in Sustainability. ASU. Solid Waste Management in India - Finding Sustainable Pathways for the City of Bangalore. Graduated May 2013.
2. Natalia Rodriguez. MS in Sustainability. ASU. Discovering Climate Change Perceptions among Maize Farmers in Mexico. Graduated April 2015.
3. Robinson Torres Salinas. PhD Candidate in Environmental Social Science. ASU. A political ecology of water struggles in the Biobio and Aysen regions of Chile. Graduated May 2016.
4. Chrissie Bausch. PhD Candidate in Sustainability. ASU. Farming for What, for Whom? Agriculture and sustainability governance in Mexico City. Graduated May 2017.
5. Deborah Ayodele. PhD student in Geography. ASU. Water Governance, Scale, and Power. Graduated May 2018.
6. Luis Antonio Contreras Estrada. MS student in Sustainability Science. UNAM. Graduated
7. Abril Cid Salinas. PhD student in Sustainability Science. Vulnerabilidad de sistemas socioambientales costeros. UNAM. *In progress*
8. Bertha Hernandez-Agular. PhD student in Sustainability Science. Acción colectiva bajo condiciones de irregularidad: el caso de la escasez de agua en dos comunidades de Xochimilco. UNAM. *In progress*.
9. Sarra Tekola, PhD student in Sustainability. ASU. TBD. *In progress*.

UNDERGRADUATE MENTORING

- Brontë Ibsen. Applying Arcology: Implementing Paolo Soleri's Vision into Existing Cities. May 2018. [Director]
- Paulina Vu. 2016. Professional student mentor. SOS Academy and Mentor Program.
- Sarah Spencer. Assessing the Sustainability of Archology Projects. Honors Thesis. **Completed** May 2015. [Director]
- Melissa Maggass. Partial Life Cycle Analysis of Citrus Grown Locally and Afar. Honors Thesis. **Completed** May 2014. [Director]
- Carlotta C. Paonessa. Music & Sustainability: Partners for a Brighter Future. Honors Thesis. **Completed** December 2013. [Second Reader]

SERVICE

- 2016- Master of Sustainability Solutions Committee, School of Sustainability (SOS), ASU.
- 2016-17 Faculty Advisor of ASU Students Club: Alliance for Democracy, founded in 2016.
Webpage: <http://www.alliancefordemocracyasu.com/>
- 2016-18 Organizing a teaching module on International Development and Sustainability for over 40 participants of the Young South-East Asia Leaders Initiative (YSEALI), funded by the US State Department.
- 2016 Participant, Scenario Planning for Sustainable Dark Skies in Arizona Workshop, ASU.
- 2016 Search committee, Tenure-track Faculty Position in Sustainability Education, SOS, ASU.
- 2016 Interviewed by the National Sustainability Teachers' Academy: "Wicked Problems, Wicked Fast" program.
- 2015 Panelist, Roundtable Discussion at the Global Sustainability Studies Academic Conference, ASU, November 7th.
- 2015 Evaluator for "Insight Grants" Program of the Social Sciences and Humanities Research Council of Canada (SSHRC).
- 2015 Chair for the "Biodiversity, Natural Resources and Environment" track at LASA Conference 2016: Review and ranking of panels and papers, creation of panels, and ranking of scholarship applications.
- 2014 Representative for the School of Sustainability at the 2014 UNESCO World Conference on Education for Sustainable Development, Nov. 9-13. Nagoya, Japan.
- 2014 Search committee, Tenure-track Faculty Position in Futures Thinking and Sustainability, SOS, ASU.
- 2014-16 Undergraduate Committee, SOS, ASU.
- 2013 Scholarship Evaluation Committee, Rob and Melani Walton Global Sustainability Studies Program
- 2013 Invited Panelist at the Sustainable Tourism Networking Expo. Panel title: "The Future of Sustainable Tourism in the Phoenix Area". 23 April, ASU.
- 2013-14 Graduate Committee, School of Sustainability, ASU.
- 2012- Member, desigualdades.net; an interdisciplinary, international, and multi-institutional research network on interdependent inequalities in Latin America, German Federal Ministry of Education and Research.

- 2012 Evaluator in the international peer-review process of the Portuguese Foundation of Science and Technology (*Portugal's public research funding agency*).

EDITORIAL SERVICE

Peer-reviewer for 11 journals, and one editorial board member

- 2019-2006 Reviewer: *Ecology and Society*
2018-16 Reviewer: *Journal of Sustainable Tourism & Annals of Tourism Research*
2017 Reviewer: *Ecological Economics*
2016- International **Editorial Board Member** of "El Periplo Sustentable", Autonomous University of the State of Mexico
2016&10 Reviewer: *Global Environmental Change*
2015&09 Reviewer: *Wiley Interdisciplinary Reviews: Climate Change*
2013 Reviewer: *Ecological Applications & Int. Journal of the Commons*
2010 Reviewer: *Journal of Latin American and Caribbean Anthropology*
2007 Reviewer: *European Journal of Development Research*
2006 Reviewer: *Human Ecology Review*

KEYNOTE SPEAKER, SESSION ORGANIZER, WORKSHOP INVITATIONS

- Keynote Speaker:** "Why is Adaptation Political? Key Political Facets of Adaptation". Politics of Climate Change Adaptation Conference. 20 October 2014. Norwegian University of Life Sciences, Ås, Norway
- Session:** "Methods and Approaches for Representing the Political Dimensions of Urban Resilience", with Lerner, A, Eakin, H, 6 April 2017. American Association of Geographers Annual Meeting, Boston.
- Session:** "Towards a Sustainable and Socially Just Transformation: Reflections on Karl Polanyi", with Thompson, J, Göpel, M, Remig, M, 6 May 2014. Resilience Conference, Montpellier, France. A commentary on this session was posted at: <http://steps-centre.org/2014/blog/polanyi/>
- Session:** "Resilience Thinking in an Urbanizing World", with Anderies, JM, Barnett, A, Eakin, H, Janssen, M, Milkoreit, M, Redman, C, 5 May 2014. Resilience Conference, Montpellier, France.
- Invitation:** "Boundary-work and Sustainability in Tourism Enclaves", 3 April 2018. Université du Québec à Montréal, Canada.
- Invitation:** "How do we understand systems transformations?", 18 June 2018. Symposium Transformative Designs for Sustainability, 18-20 June. IASS Postdam, Hannover, Germany.
- Invitation:** "Archetypes as 3-D patterns of multi-level causality", 28 February 2018. Series of Research Workshops on "Analysing Archetypes in Sustainability Research", 28 February 2 March, Humboldt University Berlin, Germany
- Invitation:** "METRICS Workshop on Measuring and Assessing Institutional Adaptive Capacity and Water Security", 2-3 October 2014. Funded by the National Oceanic and Atmospheric Administration (NOAA). University of Arizona

RECENT ACADEMIC PRESENTATIONS

>40 presentations in International fora (only the most recent are listed below)

- “Boundaries of Pilgrimage Tourism Enclaves: Purity Meets Pollution on the Ganges Shores”, with Buzinde, C., Kalavar, J., and Koochli, N., 28 June 2017. Critical Tourism Studies Conference, June 26-29. Palma de Mallorca, Spain.
- “Performance and Contemplation to Inspire Tourism Sustainability” (*workshop*) with Buzinde, C. and J. Papenfuss. 27 June 2017. Critical Tourism Studies Conference, Palma de Mallorca, Spain.
- “Cognitive Dimension of Socio-Political Infrastructure”, 6 June 2017. American Association of Geographers Annual Meeting, Boston.
- “Performance and Contemplation to Inspire Transformative Education for Sustainability” (*workshop*), with Papenfuss, J. 27 March April 2017. Smart and Sustainable Campuses Conference, April 3-5. University of Maryland, Hyattsville, MD.
- “Changing identities of socio-ecological systems and water-related risks in the Xochimilco Lake system of Mexico City” 15 April 2016. Annual Conference of the Society of Economic Anthropology, April 14-16. University of Georgia, Athens, GA.
- “Subjectivity and Politics of Transformation in Climate Change Adaptation”, with Pelling, M., 2 July 2015. Session “Complementing intrapersonal and systemic sustainability transitions”. 11th Int. Conf. European Society of Ecological Economics, 30th June-4th July. University of Leeds. Leeds, UK
- “Boundary-work and Sustainability in Tourism Enclaves”, 28 June 2015. Critical Tourism Studies Conf., 26-30 June. Opatija, Croatia
- “Boundaries in Social-Ecological Systems”, With M. Schoon., 8 May 2014. Resilience Conference, Montpellier, France
- “Intergenerational perception of spirituality and sustainability: Pilgrimage tourism on the Ganges”, with Buzinde, C.N., Kalavar, J., Kohli, N., 18 October 2013. *Institute of Humanities Research* in collaboration with the School of Community Resources and Development at ASU, Phoenix, AZ
- “The Long Walk from Disaster Risk Assessment to Climate Adaptation and Transformation”, 6th December 2013, CATALYST-Local Winter Academy: Disaster Risk Reduction and Climate Change Adaptation, Guanajuato, Mexico
- “Human-environmental Integration and Social Power in GEC”, 20 June 2013, Transformation Conference, Oslo, Norway
- “Entanglements of Power and Tourism Inequalities in the Mexican Caribbean”, 20 July 2012, 54 Int. Congress of Americanists, Vienna, Austria.
- “Inequalities and Tourist Space in the Mexican Caribbean” *Michael Redclift’s Festschrift*, 21 September 2011. *Dep. of Geography*. King’s College London, UK
- “Uneven Tourism Growth and Self-alienation in Akumal, Mexico” *IV Int. Critical Tourism Studies Conf.*, 3 July 2011. Welsh Centre for Tourism Research, Cardiff, UK
- “Syndromes of Sustainability and Power”. IGBP/LOICZ Resilience and Transformation: Megacities and the Coast Workshop, 30 May 2011, King’s College London, UK
- “Tourist Growth and Inequalities in the Mexican Caribbean”, Symposium Environment and Social Inequalities, 8 September 2010. San Miguel de Tucumán, Argentina (Spanish)

- “It’s the Politics, Stupid! Global Env. Change and Power”, IHDP Conf.: Social Dimensions of Environmental Change & Governance, 8 October 2010. Berlin, Germany
- “The impacts of Growth on Freedom: Tourism in Akumal”, ESRC Workshop Climate Change Beyond Resilience, 9 July 2010. King’s College London, UK
- “Governance as Process: Power Spheres and Climate Change Response in the Mexican Caribbean”, IHDP Conference on Earth System Governance: People, Places and the Planet, 4 Dec. 2009. Volendam, Netherlands
- “Human-Environment Integration and Global Environmental Change Human Security”, GECHS Project Synthesis Conf., 24 June 2009. University of Oslo, Norway
- “Spaces of Consumption: Nature and the Politics of Displacement in the Mayan Riviera”, LASA Congress: Rethinking Inequalities, 12 June 2009. Pontifícia Universidade Católica do Rio de Janeiro, Brazil
- “Power, Climate Change and Urbanization in the Mexican Caribbean”, 7th Open Meeting of the Human Dimensions of Global Env. Change, 27 April 2009. Bonn, Germany

FELLOWSHIPS AND AWARDS

- 2010-12 DesiguALdades.net Visiting Research Fellow. Freie Universität Berlin & Ibero-Amerikanisches Institut. Funded by German Ministry of Education & Research
- 2009 CRUCIBLE 2009 Awarded Interdisciplinary Research Fellowship by the National Endowment for Science, Technology and the Arts (NESTA).
- 2002-03 Awarded a Field Research Scholarship by the Central American Water Resource Management Network. Funded by Canadian International Development Agency
- 2000-02 LaCaixa, Canadian Studies Foundation & International Council for Canadian Studies Award covering full cost of graduate studies in Canada

PROFESSIONAL MEMBERSHIP

- 2005-Present Great Transition Initiative (<http://www.greattransition.org/>)
- 2004-06 Worldwide Virtual Network of Young Practitioners on Science & Society
- 2000-Present “La Caixa” Scholars Association
- 1996-Present Catalan Association for Environmental Sciences (ACCA)

LANGUAGES

- Fluent: Catalan, English, and Spanish
- Basic: Italian, French, and Portuguese