CURRICULUM VITAE

David M. Iwaniec
Assistant Professor | Urban Sustainability
Urban Studies Institute | Andrew Young School of Public Policy
Georgia State University, Atlanta, GA 30303
diwaniec@gsu.edu

EDUCATION:

2002	Bachelor of Science, Biological Sciences, Florida International University
2008	Master of Science, Biological Sciences, Florida International University
2013	Doctorate of Philosophy, Sustainability, Arizona State University

PROFESSIONAL APPOINTMENTS:

2017 –	Assistant Professor, Urban Studies Institute, Andrew Young School of Public Policy, Georgia State University (GSU), Atlanta, GA
2016 –	Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability, Arizona State University (ASU), Tempe, AZ
2016 – 2017	Assistant Research Professor, School of Sustainability, ASU, Tempe, AZ
2014 – 2015	Postdoctoral Researcher, Julie Ann Wrigley Global Institute of Sustainability, NSF Central Arizona–Phoenix Long-term Ecological Research (CAP LTER), ASU, Tempe, AZ
2012 – 2013	Research Assistant, NSF Division of Information and Intelligent Systems Award, School of Computing, Informatics and Decision Systems Engineering, ASU, Tempe, AZ
2009	Visiting Instructor, University of Tokyo (UT), Kashiwa, Japan
2008 – 2012	NSF Integrative Graduate Education and Research Traineeship Fellow, Urban Ecology, ASU, Tempe, AZ
2008	Research Assistant, NSF FCE LTER, Ecosystem modeling, Florida International University (FIU), Miami, FL
2006 – 2007	Teaching Assistant, Ecosystem Ecology, FIU, Miami, FL
2003 – 2006	EPA STAR Fellow, FIU, Miami, FL
2000 – 2002	Research Technician, Ecosystem modeling and data synthesis, Ecosystem Ecology Lab, FIU, Miami, FL

RESEARCH INTERESTS:

Urban Sustainability, Transdisciplinary Methods, Transitions and Transformations Research: Anticipatory Governance, Climate Adaptation and Resilience, Future Studies, Global Environmental Change, Scenario Development, Social-Ecological-Technological Systems

RESEARCH GRANTS, FELLOWSHIPS, AND HONORS:

2018*	NSF Dynamics of Coupled Natural and Human Systems: CNH-L: Future Urban Trajectories for Urban Resilient Environment and Society (*pending, Lead PI, $1,599,977, 2018–2022)
2018*	Belmont Forum and BiodivERsA: Scenarios of Biodiversity and Ecosystem Services. SEEDS: Novel participatory methods for developing cross-scale scenarios for biodiversity & ecosystem services (*pending, Co-PI, $1,421,649, 2018–2021)
2018*	NSF Long-term Ecological Research. CAP LTER: Investigating urban ecology and sustainability in Phoenix through the lens of urban ecological infrastructure (*pending, Leadership Team and sub-awardee PI, $6,762,000; 2018–2022)
2017*	NSF Advancing Informal STEM Learning. AISL: Cities water initiative (*pending, SP, $2,980,435, 2018–2021)
2016	NSF International Research Experience for Students. IRES: Interdisciplinary student research on urban resilience in Latin America (SP, $249,705; 2017–2020)
2016	NSF Long-term Ecological Research. CAP LTER: "Design with nature" infrastructure in Phoenix: A research framework for exploring urban ecology and sustainability (Leadership Team, $2,254,000; 2017–2022)
2016	Julie Ann Wrigley Global Institute of Sustainability, Sustainability Scientists and Scholars Award, ASU
2015	NSF Sustainability Research Network. Urban resilience to climate change-driven extreme events (Executive Team and sub-awardee PI, $11,999,692; 2015–2020)
2014	ISSC Transformations to Sustainability Programme, contribution to Future Earth. Phosphorus Sustainability: Future Urban Transformations of Under-Governed Resources by Engaging Stakeholders (P-FUTURES) (Co-PI, $38,105; 2014–2015)
2011	President's Award for Sustainability, ASU, The future of Phoenix: Crafting sustainable development strategies
2010	NSF IGERT in Urban Ecology ($31,000; 2011–2012)
2010	NSF LTER Network Grant. Identifying the benefits and barriers to cross-site social-ecological research in urban systems ($8,100; 2010–2011)
2010	Frontiers in Life Science Conference Series Grant, ASU. Phosphorus, food, & our future–An international summit about closing the human phosphorus cycle ($30,000; 2010–2011)
2008	NSF IGERT in Urban Ecology Fellowship ($93,000; 2008–2010)
2005	NCEAS (National Center for Ecological Analysis and Synthesis) Working Group Grant. Quantifying success in environmental management using ecosystem services

valuation techniques–A joint session between the Ecosystem-based Management and Ecosystem Services NCEAS working groups ($9,800; 2005)

2003 U.S. Environmental Protection Agency (EPA) STAR Fellowship ($96,000; 2003–2006)

PUBLICATIONS:

[*] Iwaniec, D.M., E.M. Cook, O. Barbosa, N.B. Grimm. (*in review) Research-practice criteria for urban sustainability transformations.

[19] McPhearson, T, D.M. Iwaniec, B. Xuemei. (2017) Positives visions for guiding transformations toward desirable urban futures. *Current Opinion in Environmental Sustainability* 22:1–8

[18] van Riper, C., A. Landon, S. Kidd, P. Bitterman, L. Fitzgerald, E. Granek, S. Ibarra, D.M. Iwaniec, C. Raymond, D. Toledo. (2017) Incorporating sociocultural phenomena into ecosystem-service valuation: The importance of critical pluralism. *BioScience* 67(3):233–244

[17] Iwaniec, D.M., G.S. Metson, D, Cordell. (2016) Towards urban food & water security through collaborative design and impact. *Current Opinion in Environmental Sustainability* 20:1–7

[16] Munoz-Erickson, T., L. Campbell, D.L. Childers, M. Grove, D.M. Iwaniec, E. Svenden, S. Pickett, M. Romolini. (2016) Demystifying governance and its role for transitions in urban social-ecological systems. *Ecosphere* 7(11):1–11

[15] Cordell, D., G.S. Metson, D.M. Iwaniec. (2016) Transforming Cities: Securing food and clean waterways through phosphorus governance. In Fam, D., J. Palmer, C. Mitchell, C. Riedy (Eds.) *Transdisciplinary Research and Practice for Sustainable Outcomes.* Taylor & Francis

[14] Grimm, N.B., E.M. Cook, R.L. Hale, D.M. Iwaniec. (2016) A broader framing of ecosystem services in cities: benefits and challenges of built, natural, or hybrid system function. In Seto, K.C., W.D. Solecki, C.A. Griffith (Eds.) *The Routledge Handbook on Urbanization and Global Environmental Change.* Taylor & Francis

[13] McHale, M.R., S.T.A. Pickett, O. Barbosa, D.N. Bunn, M.L. Cadenasso, D.L. Childers, M. Gartin, G. Hess, D.M. Iwaniec, T. McPhearson, M.N. Peterson, A.K. Poole, L. Rivers III, S.T. Shutters. (2015) The New Global Urban Realm: Complex, Connected, Diffuse, and Diverse Social-Ecological Systems. *Sustainability* 7(5):5211–5240

[12] Turner, K., K. Benessaiah, S. Warren, D.M. Iwaniec. (2015) Essential Tensions in Interdisciplinary Scholarship: Navigating Challenges in Affect, Epistemologies, and Structure in Environment-Society Research Centers. *Journal of Higher Education* 70(4):649–665

[11] Metson, G., D.M. Iwaniec, L. Baker, E.M. Bennett, D.L. Childers, D. Cordell, N.B. Grimm, J.M. Grove, D. Nidzgorski, S. White. (2015) Urban phosphorus sustainability: Systemically incorporating social, ecological, and technological factors into phosphorus flow analysis. *Environmental Science & Policy* 47:1–11

[10] Iwaniec, D.M., A. Wiek. (2014) Advancing sustainability visioning practice in planning – the General Plan revision in Phoenix, AZ. *Planning Practice and Research* 29(5):543–568

[9] Iwaniec, D.M., D.L. Childers, K. VanLehn, A. Wiek. (2014) Studying, teaching and applying sustainability visions using systems modeling. *Sustainability* 6(7):4452–4469

[8] Wiek, A., D.M. Iwaniec. (2014) Quality criteria for visions and visioning in sustainability science. *Sustainability Science* 9(4):497–512

[7] Childers, D.L., Z. Caple, C. Carlielle-Marquet, D. Cordell, V. Gerhart, D.M. Iwaniec, S. White. (2013) Future scenarios for the global sustainable use of P. In Elser, J., K. Wyant, J. Corman (Eds.) *Phosphorus, Food, Our Futures.* Oxford Press

[6] Wyant, K., J. Corman, D.M. Iwaniec, R. Hale. (2013) Sustainable phosphorus. In Elser, J., K. Wyant, J. Corman (Eds.). *Phosphorus, Food, Our Futures.* Oxford Press

[5] Metson, G., R. Hale, D.M. Iwaniec, E. Cook, J. Corman, C. Galletti, D.L. Childers. (2012) Phosphorus in Phoenix: A budget and spatial representation of phosphorus in an urban ecosystem. *Ecological Applications* 22(2):705–721

[4] Grimm, N.B., R.L. Hale, E. Cook, D.M. Iwaniec. (2011) Urban biogeochemical flux analysis. In Douglass, I., D. Goode, M.C. Houck, R. Wang (Ed). *The Routledge Handbook of Urban Ecology.* Taylor & Francis

[3] Iwaniec, D.M., D.L. Childers, D. Rondeau, C. Madden. (2006) Effects of hydrologic and water quality drivers on periphyton dynamics in the southern Everglades. *Hydrobiologia* 569(1):223–235

[2] Childers, D.L., D.M. Iwaniec, D. Rondeau, G. Rubio, E. Verdon C.J. Madden. (2006) Responses of sawgrass and spikerush to variation in hydrologic drivers and salinity in Southern Everglades marshes. *Hydrobiologia* 569(1):273–292

[1] Ewe, S.M.L., E.E. Gaiser, D.L. Childers, V. H. Rivera-Monroy, D.M. Iwaniec, R.R. Twilley. (2006) Spatial and temporal patterns of aboveground net primary productivity (ANPP) along two freshwater-estuarine transects in the Florida Coastal Everglades. *Hydrobiologia* 569(1):459–474

TEACHING EXPERIENCE:

2018 Urban Environments (GEOS 6020 / GEOG 4020), GSU, Atlanta, GA

2018 Topics: Resilience Design Studio (GEOS 6097 / GEOL 4097 / GEOG 4097), GSU, Atlanta, GA

2013 Sustainable Ecosystems (SOS 326, fall), ASU, Tempe, AZ

2012 Sustainable Ecosystems (SOS 326, fall), ASU, Tempe, AZ

2011 Sustainable Ecosystems II (SOS 535, fall), ASU, Tempe, AZ

2010 Sustainability Methodology (SOS 511: Guest Lecturer, fall), ASU, Tempe, AZ

2009 Systems Thinking in Sustainability (Graduate Program in Sustainability Science: Visiting Instructor, summer), UT, Kashiwa, Japan

2007 Ecosystem Ecology (PCB 3043: TA, fall and spring), FIU, Miami, FL

2007 Ecosystem Ecology Lab (PCB 3043L: Instructor of Record, fall and spring), FIU, Miami, FL

2006 Ecosystem Ecology (PCB 3043: TA, fall and spring), FIU, Miami, FL

2006 Ecosystem Ecology Lab (PCB 3043L: Instructor of Record, fall and spring), FIU, Miami, FL

PROFESSIONAL SERVICE:

2018	GSU Representative and Strand Lead: Building smart resilient cities, Coalition of Urban Serving Universities
2017	Session chair: Visioning urban transformations, Cities and Climate, Potsdam, Germany
2017 –	Envisaging and Creating a Good Anthropocene, Seeds of a Good Anthropocene Workshop, Stockholm Resilience Centre, Stockholm, Sweden
2016 – 2017	Transdisciplinary FEW Design Team, Transdisciplinary workshops to advance NSF-Belmont Forum's Collaborative Research Action on Urbanization and the Food-Energy-Water Nexus, Boulder, CO
2016	ASU Science Diplomacy Delegation to Cuba, Havana, Cuba
2015 –	Leadership Committee and Interdisciplinary Research Theme Lead: NSF CAP LTER, ASU, Tempe, AZ
2015 –	Executive Committee, Management Committee, and Research Lead: Urban Resilience to Extreme Events, NSF Sustainability Research Network (international research team)
2015	Transformative Knowledge Network, International Social Science Council, Durban, South Africa (international research team)
2014 – 2016	P-FUTURES: Phosphorus: Future Urban Transformations of Under-Governed Resources by Engaging Stakeholders (P-FUTURES), ISSC Transformations to Sustainability Programme, contribution to Future Earth (international research team)
2014 – 2015	Research Program Lead: Sustainable Futures Scenarios, NSF CAP LTER III, ASU, Tempe, AZ
2014 – 2017	Working Group Lead: Urban Futures, NSF Urban Sustainability Research Coordination Network (international synthesis team)
2013	Workshop Organizer, Scenario Development and Envisioning Sustainable Urban Futures. Graduates in Integrative Society and Environment Research, ASU, Tempe, AZ (international research team)
2013	Working Group Lead, Urban Flux and Flows, NSF Urban Sustainability Research Coordination Network (international synthesis team)
2011	Conference Co-organizer, Sustainable Phosphorus Summit (international conference)
2009	Workshop Co-organizer, Identifying the Benefits and Barriers to Cross-site Socio-Ecological Research in Urban Systems. NSF LTER All Scientists Meeting, Estes Park, CO
2009	Conference Co-organizer, 2nd Annual Conference for Sustainability IGERTs, Tempe, AZ

INVITED PRESENTATIONS:

2018	Scenarios, futures, and synthesis IRT, NSF CAP LTER All-Scientist Meeting, Tempe, AZ
2017	Sustainability and resilience planning. Global Partnership for Better Cities, Hong Kong, China
2017	Scenarios of urban adaptation and transformation. Baltimore Ecosystem Study LTER Synthesis Meeting, Baltimore, MD

2017 (Envisioning) urban resilience to extreme events. Geoscience Department Seminar Series, GSU, Atlanta, GA

2017 Transdisciplinary Research-Practice: What you need to know. Transdisciplinary workshop on the impacts of urbanization on the food-energy-water nexus, Global Change System for Analysis, Research and Training, Boulder, CO

2016 Climate impacts and scenarios for the future of Phoenix. Center for Climate and Energy Solutions (C2ES), City-Business Collaboration on Resilience Planning in Phoenix, Phoenix, AZ

2016 CAP LTER synthesis and future. NSF CAP LTER Community Meeting, Tempe, AZ

2016 Transdisciplinary Research and Practice: Concepts and Approaches. Transdisciplinary workshop on the impacts of urbanization on the food-energy-water nexus, Global Change System for Analysis, Research and Training, Tempe, AZ

2015 Social transformation for a just and sustainable world. World Social Science Forum, Durban, South Africa (Panelist)

2015 Delving deeper into engagement and broader impacts: Lessons from across the Network. NSF LTER All-Scientist Meeting, Estes Park, CO

2015 Co-development of sustainable, resilient urban futures. Ecología Urbana: aportes interdisciplinarios para la sustentabilidad urbana, Santiago, Chile

2015 P-FUTURES @Blantyre: Towards urban food, energy, water security. Blantyre, Malawi

2015 Using scenarios to think about the future of cities. NSF CAP LTER All-Scientist Meeting, Phoenix, AZ

2014 P-FUTURES @Hanoi: Towards urban food and water security. Hanoi, Vietnam

2014 Sustainable future scenarios. NSF Mini-Symposium on LTER Scenarios and Forecasts, National Science Foundation, Arlington, VA

2013 Participatory modeling for municipal sustainability: General Plan Phoenix. NSF CAP LTER, NSF Site Review, Tempe, AZ

2010 Using ecosystem systems models to drive sustainability dialogue. Graduates in Integrative Society and Environment Research, Tempe, AZ

2010 Crafting urban sustainability visions. Urbanization and Global Environmental Change (UGEC) International Conference, Tempe, AZ

2009 Theory, empirical research, and teaching in sustainability science – Challenges, gaps, and future trajectories. Kashiwa Sustainability Science Seminar Series, UT, Kashiwa, Japan

OTHER RECENT PRESENTATIONS (2015–2018):

2018 Davidson, M.J., Y. Kim, M.V. Chester, E.M. Cook, N.B. Grimm, D.M. Iwaniec. Downscaling regional scenarios: The application of social-ecological-technological framework. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2018 Davidson, M.J., E.M. Cook, N.B. Grimm, D.M. Iwaniec. Sustainable Future Scenarios 2060. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2017 Iwaniec, D.M., E.M. Cook, T. McPhearson, T. Muñoz-Erickson, M. Davidson, M. Berbes, N.B. Grimm. Visions and strategies for guiding urban transformations. PECS II, Oaxaca, Mexico

2017 Cook, E.M., Iwaniec, D.M., O. Barbosa, N.B. Grimm. A SETs approach to urban ecosystem services and resilience. PECS II, Oaxaca, Mexico

2017 Berbes, M. Iwaniec, D.M. Vulnerability to climate extremes across UREX network cities: Case studies in Phoenix, Arizona and Hermosillo, Mexico. PECS II, Oaxaca, Mexico

2017 Grimm, N.B., C.L. Redman, M.V. Chester, D.M. Iwaniec, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. A social-ecological-technical systems approach to understanding urban complexity and building climate resilience. PECS II, Oaxaca, Mexico

2017 Iwaniec, D.M., E.M. Cook, M. Davidson, N.B. Grimm. Positives visions of urban transformation and adaptation to climate change. Cities and Climate, Potsdam, Germany

2017 Iwaniec, D.M., E.M. Cook, T. McPhearson, T. Muñoz-Erickson, M. Davidson, M. Berbes, N.B. Grimm. Co-production of sustainability future scenarios. Resilience 2017, Stockholm Resilience Center, Stockholm, Sweden

2017 Cook, E.M., D.M. Iwaniec, O. Barbosa, N.B. Grimm. Framing sustainability transformational change as more than just big changes. Resilience 2017, Stockholm Resilience Center, Stockholm, Sweden

2017 McPhearson, T., E.M. Cook, C. Cheng, N.B. Grimm, D.M. Iwaniec. Climate Resilience in Urban Social-Ecological-Technical Systems: A SETS Approach to Urban Ecosystem Services. Resilience 2017, Stockholm Resilience Center, Stockholm, Sweden

2017 Iwaniec, D.M. Climate Resilient Futures. Urban Studies Institute Research Roundabout (2-minute lightening talks), Atlanta, GA

2017 Cook, E.M., D.M. Iwaniec, J.R. Sauer, N.B. Grimm, O. Barbosa. Future urban sustainability and resilience in Valdivia, Chile: Assessing social-ecological-technological scenarios with ecosystem services. Ecological Society of America, Portland, OR

2017 Sampson, D.A, D.M. Iwaniec, M. Davidson, E. Cook. Influence of alternative water supply policies on net potable water use. NSF CAP LTER All-Scientist Meeting, Phoenix, AZ

2017 Davidson, M.J., E.M. Cook, N.B. Grimm, D.M. Iwaniec. Exploring outcomes and assessing tradeoffs of co-developed sustainable future scenarios for the Central Arizona-Phoenix region. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2017 Iwaniec, D.M., E.M. Cook, M. Davidson, N.B. Grimm. Positives visions of urban transformation and adaptation. International Association for Landscape Ecology, Baltimore, MD

2017 Cook, E.M., O. Barbosa, M. Davidson, N.B. Grimm, D.M. Iwaniec. Envisioning future urban sustainability and resilience through co-developed social-ecological-technological scenarios. American Association of Geographers, Boston, MA

2017 Davidson, M., Y. Kim, M. Berbes, E.M. Cook, R. Hobbins, D.M. Iwaniec, T. Muñoz-Erickson. Assessment of SETS strategies for shaping cities' resilience scenarios. Urban Resilience to Extreme Events, New York, New York

2017 Hobbins, R.J., L. Charli-Joseph, E.M. Cook, E., H. Eakin, D.M. Iwaniec, T. Muñoz-Erickson, B. Orr, P. Pajouhesh, K. Wijsman, M.L. Feagan. Problematizing inclusivity within and across the Sustainability Research Network. Urban Resilience to Extreme Events, New York, New York

2016 Iwaniec, D.M., M.V. Chester, N.B. Grimm, C.L. Redman, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. Urban Resilience to Extreme Events (UREx). Science Diplomacy Delegation to Cuba, Havana, Cuba

2016 Iwaniec, D.M., E.M. Cook, M. Davidson, N.B. Grimm, D.A. Sampson. Urban sustainability and resilience scenarios. Ecological Society of America, Fort Lauderdale, FL

2016 Sampson, D.A, D.M. Iwaniec, and M. Davidson. The adaptive sustainable scenario future as simulated using WaterSim. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2016 Davidson, M., D.M. Iwaniec, E.M. Cook. Developing adaptive, strategic, and transformational scenario futures for Central Arizona. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2015 Iwaniec, D.M., E.M. Cook, M. Davidson, N.B. Grimm. Sustainable future scenarios for the Central Arizona–Phoenix region. Ecological Society of America, Baltimore, MD

2015 Grimm, N.B., C.L. Redman, M.V. Chester, D.M. Iwaniec, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. Developing a concept of social-ecological-technological systems to characterize resilience of urban areas and infrastructure to extreme events. European Conferences on Complex Systems, Tempe, AZ

2015 Metson, G., J. Compton, D. Cordell, J. Harrison, D.M. Iwaniec. Shaping Future Phosphorus Management Pathways by Understanding the Past and Present. American Geophysical Union, San Francisco, CA

2015 Muñoz-Erickson, T.A., N.B. Grimm, C.L. Redman, M. V. Chester, D. Iwaniec, P. T. McPhearson, T.R. Miller. Urban Resilience to Extremes: A Sustainability Research Network on Social-Ecological-Technological Systems. Canberra Conference on Earth System Governance, Canberra, Australia

2015 Banville, M., D.L. Childers, S. Earl, N.B. Grimm, H. Hartnett, D.M. Iwaniec, K. McGraw, M. Nation, M. Palta, N. Weller. Social-ecological dynamics in an arid, rapidly urbanizing region. NSF LTER All-Scientist Meeting, Estes Park, CO

2015 Grimm, N.B., C.L. Redman, M.V. Chester, D.M. Iwaniec, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. Developing a concept of social-ecological-technological systems to characterize resilience of urban areas and infrastructure to extreme events. Ecología Urbana: aportes interdisciplinarios para la sustentabilidad urbana, Santiago, Chile

2015 Iwaniec, D.M., M. Davidson, E.M. Cook, N.B. Grimm. Central Arizona–Phoenix LTER and society: Co-development of sustainable future scenarios. NSF LTER All-Scientist Meeting, Estes Park, CO

2015 Cook, E.M., D.M. Iwaniec, N.B. Grimm, O. Barbosa. Maximizing urban services provided by green and gray infrastructure to increase future urban sustainability.

Ecología Urbana: aportes interdisciplinarios para la sustentabilidad urbana, Santiago, Chile

2015 Grimm, N.B., C.L. Redman, M.V. Chester, D.M. Iwaniec, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. Developing a concept of social-ecological-technological systems to characterize resilience of urban areas & infrastructure to extreme events. Ecological Society of America, Baltimore, MD

2015 Cook, E.M., D.M. Iwaniec, N.B. Grimm, O. Barbosa. Maximizing urban services provided by green and gray infrastructure to increase future urban sustainability. Ecological Society of America, Baltimore, MD

2015 Cordell, D., G. Metson, D.M. Iwaniec. P-FUTURES: Future Urban Transformations. Faecal Sludge Management Conference, Hanoi, Vietnam

2015 Grimm, N.B., C.L. Redman, M.V. Chester, D.M. Iwaniec, P.T. McPhearson, T.R. Miller, T.A. Muñoz-Erickson. Urban resilience to extremes: A proposed Sustainability Research Network. NSF CAP LTER All-Scientist Meeting, Tempe, AZ

2015 Davidson, M., D.M. Iwaniec, N.B. Grimm. Developing adaptive, strategic, and transformational scenario futures for Central Arizona. NSF CAP LTER All-Scientist Meeting, Tempe, AZ