

## Doria R. Gordon

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### Education

University of California, Davis: Ph.D., 1989 in Biological Ecology.  
University of California, Davis: M.S., 1986 in Biological Ecology.  
Organization for Tropical Studies, Costa Rica: Tropical Biology Field Course. Summer, 1985.  
Oberlin College, Ohio: B.A., 1981 in Biology and Environmental Studies.

### Professional Experience

**Lead Senior Scientist**, Environmental Defense Fund, 2016 -  
**Director of Conservation**, The Nature Conservancy, Florida Chapter Office, 2011 - 2016.  
    **Director of Conservation Science**, 2008-2011  
    **Associate Director of Science**, 2005-2008  
    **Senior Ecologist** 2002-2005; State Ecologist 1990-2002).  
**Global Senior Manager**; The Nature Conservancy, 2011-2016.  
**Florida Chapter Executive Team**, The Nature Conservancy, 2011-2016.  
**Courtesy Professor**, Department of Biology, University of Florida, Gainesville. 2002 -  
    **Courtesy Associate Professor**, 1996-2002  
    **Courtesy Assistant Professor**, 1990-1996  
**Research Affiliate**, Archbold Biological Station, 1997 -  
**Post-doctoral Researcher**, Department of Agronomy and Range Science, University of California,  
    Davis, 1989 - 1990.

### Awards

2015      Service Learning Certificate of Appreciation, Jacksonville University  
2014, 2012   Ethical Hero, The Nature Conservancy  
2013      University of Florida, IFAS Research Award for a high impact research  
            publication (Flory et al. 2012)  
2009      Member of the Year, Florida Exotic Pest Plant Council  
2006, 2008   Finalist: Shelford Award for Conservation Science, The Nature Conservancy  
2001      Distinguished Service Award, Florida Exotic Pest Plant Council  
1985      Regent's Fellow in Ecology, University of California  
1984      Earle C. Anthony Fellowship, University of California  
1983      University of California Distinguished Scholar Tuition Fellowship  
1981      Charles E. Culpeper Intern-in-Science, The Ecosystems Center.

Publications since 2010

- Offutt, S.E., V.E. Chhatre, J.A. Delborne, S. DiFazio, **D.R. Gordon**, I. Ibanez, G. Jaffe, M.D. Needham, C. Palmer, J. Romero-Severson, R.R. Sederoff, and D.L. Six. 2019. Forest Health and Biotechnology: Possibilities and Considerations. Committee on the potential for biotechnology to address forest health. Washington, DC: The National Academies Press. 202 pp.  
<https://doi.org/10.17226/25221>.
- Lieurance, D., A. Cooper, A.L. Young, **D.R. Gordon**, and S.L. Flory. 2018. Invasion risk of clumping and running bamboo species in the continental USA. *Journal for Nature Conservation*. 43: 39-45.
- McClelland, S.C., C. Arndt, **D.R. Gordon**, and G. Thoma. 2018. Environmental impacts incorporated in livestock life cycle assessment: A systematic review. *Livestock Science*. 209: 39–45.
- Keeler, B.L., R. Chaplin-Kramer, A.D. Guerry, P.F.E. Addison, C. Bettigole, I.C. Burke, B. Gentry, L. Chambliss, C. Darimont, **D.R. Gordon**, J. Hellmann, P. Kareiva, S. Monfort, L. Olander, H.P. Possingham, T. Profeta, C. Schlotterback, E. Sterling, T. Ticktin, A.J. Travis, B. Vira, C. Young. 2017. Society is ready for a new kind of science — is academia? *Bioscience*. DOI: <https://doi.org/10.1093/biosci/bix051>.
- Gordon, D.R.**, D. Lieurance, and S.L. Flory. 2017. Predicted versus actual invasiveness of climbing vines in Florida. *Biological Invasions* 19: 2375-2384. DOI: 10.1007/s10530-017-1448-7.  
<http://rdcu.be/rSsi>.
- Liu, D., R. Wang, **D.R. Gordon**, X. Sun, L. Chen, and Y. Wang. 2017. Predicting plant invasions following China's water diversion project. *Environmental Science & Technology*. 51: 1450-1457. DOI: 10.1021/acs.est.6b05577.
- Gordon, D.R.**, S.L. Flory, D. Lieurance, P.E. Hulme, C. Buddenhagen, B. Caton, P.D. Champion, T.M. Culley, C. Daehler, F. Essl, J.E. Hill, R.P. Keller, L. Kohl, A.L. Koop, S. Kumschick, D.M. Lodge, R.N. Mack, L.A. Meyerson, G.R. Pallipparambil, F.D. Panetta, R. Porter, P. Pyšek, L.D. Quinn, D.M. Richardson, D. Simberloff, and M. Vilà. 2015. Weed risk assessments are an effective component of invasion risk management. *Invasive Plant Science and Management* 9: 81-83.
- Geselbracht, L.L., K. Freeman, J. Brenner, A.P. Birch, and **D.R. Gordon**. 2015. Sea level rise impacts on coastal ecosystems at six major estuaries on Florida's Gulf Coast through use of the sea level affecting marshes model and implications for adaptation planning. *PLoS One*. DOI: 10.1371/journal.pone.0132079.
- Gantz, C.A., **D.R. Gordon**, C.L. Jerde, R.P. Keller, W.L. Chadderton, P. Champion, and D.M. Lodge. 2015. Managing the introduction and spread of aquatic invasive plants in the Laurentian Great Lakes: a regional risk assessment approach. *Management of Biological Invasions*. 6: 45-55. DOI: 10.3391/mbi.2015.6.1.04.

- Quinn, L.D., **D.R. Gordon**, A. Glaser, D. Lieurance, and S.L. Flory. 2015. Bioenergy feedstocks at low risk for invasion in the U.S.: A “white list” approach. *BioEnergy Research*. 8: 471-481. DOI 10.1007/s12155-014-9503-z. Available at: <http://link.springer.com/article/10.1007%2Fs12155-014-9503-z>. Associated blog: <http://blog.nature.org/science/?p=43718>; [http://blog.nature.org/science/files/2014/07/simplified\\_white\\_list-.pdf](http://blog.nature.org/science/files/2014/07/simplified_white_list-.pdf).
- Geselbracht, L., K. Freeman, E. Kelly, **D. Gordon**, and A. Birch. 2013. Retrospective analysis and sea level rise modeling of coastal habitat change in Charlotte Harbor to identify restoration and adaptation priorities. *Florida Scientist* 76: 328–355.
- Gordon, D.R.**, S.L. Flory, A.L. Cooper, and S.K. Morris. 2012. Assessing the invasion risk of Eucalyptus in the U.S. using the Australian Weed Risk Assessment. *International Journal of Forestry Research* Article ID 203768, 7 pages, 2012. doi:10.1155/2012/203768. Available at: <http://www.hindawi.com/journals/ijfr/2012/203768/>.
- Flory, S.L., K.A. Lorenz, **D.R. Gordon** and L.E. Sollenberger. 2012. Experimental approaches for evaluating the invasion risk of biofuel crops. *Environmental Research Letters* 7(4) 045904. doi:10.1088/1748-9326/7/4/045904
- Gordon, D.R.**, C.A. Gantz, C.L. Jerde, W.L. Chadderton, R.P. Keller, and P.D. Champion. 2012. Weed Risk Assessment for Aquatic Plants: Modification of a New Zealand system for the United States. *PLoS ONE* 7(7): e40031. doi:10.1371/journal.pone.0040031. Available at: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0040031>
- Geselbracht, L., F.E Putz, K. Freeman, E. Kelly, and **D.R. Gordon**. 2011. Retrospective and prospective model simulations of sea level rise on Gulf of Mexico coastal marshes and forests in Waccasassa Bay, Florida. *Climatic Change* 107: 35-57. DOI: 10.1007/s10584-011-0084-y.
- Gordon, D.R.** and C.A. Gantz. 2011. Risk assessment for invasiveness differs for aquatic and terrestrial plant species. *Biological Invasions* 13: 1829-1842. DOI: 10.1007/s10530-011-0002-2.
- Godefroid, S., C. Piazza, G. Rossi, S. Buord, A. Stevens, R. Agurauja, C. Cowell, C.W. Weekley, G. Vogg, J. Iriondo, I. Johnson, B. Dixon, **D. Gordon**, S. Magnanon, B. Valentin, K. Bjureke, C. Lavergne, R. Koopman, M. Vicens, M. Virevaire, and T. Vanderborcht. 2011. How successful are plant reintroductions? *Biological Conservation* 144: 672-682.
- Simberloff, D. and 140 co-authors, including **D. Gordon**. 2011. Non-natives: 141 scientists object. Correspondence section, *Nature* 475: 36.
- Gordon, D.R.**, K.J. Tancig, D.A. Onderdonk and C.A. Gantz. 2011. Assessing the invasive potential of biofuel species proposed for Florida and the United States using the Australian weed risk assessment. *Biomass and Bioenergy* 35: 74-79. doi:10.1016/j.biombioe.2010.08.029.
- Onderdonk, D.A., **D.R. Gordon**, A.M. Fox, and R.K. Stocker. 2010. Lessons learned from testing the Australian weed risk assessment system: the devil is in the details. *Plant Protection Quarterly* 25(2): 79-85.

- Gordon, D.R.**, B. Mitterdorfer, P.C. Pheloung, S. Ansari, C. Buddenhagen, C. Chimera, C.C. Daehler, W. Dawson, J.S. Denslow, A. LaRosa, T. Nishida, D.A. Onderdonk, F.D. Panetta, P. Pyšek, R.P. Randall, D.M. Richardson, N.J. Tshidada, J.G. Virtue, and P.A. Williams. 2010. Guidance for addressing the Australian Weed Risk Assessment questions. *Plant Protection Quarterly* 25(2): 56-74.
- Menges, E.S., R.W. Dolan, R. Pickert, R. Yahr, and **D.R. Gordon**. 2010. Genetic variation in past and current landscapes: Conservation implications based on six endemic Florida scrub plants. *International Journal of Ecology* 2010: Article ID 503759, 12 pp. doi:10.1155/2010/503759. <http://www.hindawi.com/journals/ijeco/2010/503759.html>
- Menges, E.S. and **D.R. Gordon**. 2010. Should mechanical treatments and herbicides be used to manage Florida's natural areas? A review of their use as fire surrogates or pre-treatments in upland ecosystems across the state. *Florida Scientist* 73: 147–174. Summary for the Southern Fire Exchange: [http://www.southernfireexchange.org/SFE\\_Publications/factsheets/2014-5.pdf](http://www.southernfireexchange.org/SFE_Publications/factsheets/2014-5.pdf).
- Slapcinsky, J.L., **D.R. Gordon**, and E.S. Menges. 2010. Responses of rare plant species to fire across Florida's fire-adapted communities. *Natural Areas Journal* 30: 4-19.

### **Service Activities**

- National Academy of Sciences Project Committee, The potential for biotechnology to address forest health: 2017 - 2018.
- International Examiner, University of Canberra, Australia: Dorjee Ph.D. Dissertation: 2018
- Advisory Council member, New M.S. degree program in Conservation Science, Johns Hopkins University: 2017
- International Examiner, Charles Darwin University, Australia: Enock O. Menge Dissertation: 2017
- Core Team, Steering Committee member, Steering Committee Chair (2014-2016) Peninsular Florida Landscape Conservation Cooperative: 2011 - 2016.
- Board member, Global Invasive Species Programme. 2009 - 2011.
- Coach, Conservation Coaches Network: 2000 – 2011.
- U.S. Resource Group member, Technical Advisory Group on Invasiveness Screening Guidelines, National Plant Protection Organization Invasive Alien Species Panel. 2007 – 2008.
- Advisory Board member, Southwest Florida Biological Station, Sarasota County. 2006.
- Chair, Florida Exotic Pest Plant Council Plant Industry Liaison Committee. 1998 – 2010.
- Board member, Florida Exotic Pest Plant Council. 1997-2000.
- State of Florida, Served on the: Targeted State Wildlife Grant Committee for Scrub and Sandhill. 2011; Florida State Forest Assessment Team. 2009-2010; Critical Lands and Waters Identification Project Technical Advisory Group for the Century Commission. 2006-9; Agriculture, Forestry, and Solid Waste Technical Working Group for the Governor's Council on Energy and Climate Change. 2008.
- Mentor: Society for Conservation Biology Smith Post-doctoral Fellowship Program (Karen Goodell, Rutgers University; Benjamin Sikes, University of Texas);
- Selection Committee: Society for Conservation Biology Smith Post-doctoral Fellowship Program 2000 - present.

## **Doria R. Gordon**

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University of Florida: Advisory Board Member, UF School of Forest Resources and Conservation. 1995-2016; IFAS Invasive Plant Working Group. 1997 –; IFAS Review Committee for Biological Control Agent Release. 1999-2002, 2009.

Chaired 2 M.S. student committees; Committee member for 20 M.S. and 18 Ph.D. committees. 1991 –.

The Nature Conservancy: Measures Fellow. 2009-2010. Measures Advisory Group. 2008, 2009-2010; Measures and Audit Team. 2002-2003; Climate Change Group, 2001; Conservation Science Task Force. 1999.

Member, Southeastern Regional Steering Committee, Society for Ecological Restoration Earthkeeping Academy. 1994 – 1999.

Grant Reviewer, Florida Institute of Phosphate Research, National Fish and Wildlife Foundation, Florida Game and Fresh Water Fish Commission Non-game Program and State Wildlife Legacy Program, National Science Foundation, Smith Post-doctoral Fellowship Program, USDA Biology of Weedy and Invasive Plants Program.

Member, Program Committee. Natural Areas Association/Southeastern Exotic Pest Plant Council annual meeting 2008, Ecological Society of America annual meeting 1997, Society for Ecological Restoration annual meeting 1997, USFS Southern Forest Science Conference, 2001.

Member, Ecology Graduate Group Core Course Development Committee, UC, Davis. 1988-1989.