

Publications (Books)

Walker, L.R. and A.B. Shiels. 2013. [Landslide Ecology](#). Cambridge University Press.

Walker, L.R. 2012. [The Biology of Disturbed Habitats](#). Oxford University Press.

Walker, L.R. and P.J. Bellingham. 2011. [Island Environments in a Changing World](#). Cambridge University Press.

Mehltreter, K., L.R. Walker and J. Sharpe (eds.). 2010. [Fern Ecology](#). Cambridge University Press.

Walker, L.R., J. Walker and R. J. Hobbs (Eds.). 2007. [Linking Restoration and Ecological Succession](#). Springer.

del Moral, R. and L. R. Walker. 2007. [Environmental Disasters, Natural Recovery and Human Responses](#). Cambridge University Press.

Walker, L.R. and R. del Moral. 2003. [Primary Succession and Ecosystem Rehabilitation](#). Cambridge University Press, Cambridge.

Walker, L.R. (Ed.). 1999. [Ecosystems of Disturbed Ground](#). Elsevier, Amsterdam.

Publications (Selected Journal Articles)

Walker, L.R. and D.A. Wardle. 2014. Plant succession as an integrator of contrasting ecological time scale. **Trends in Ecology and Evolution** 29:504-510.

Walker, L.R., N. Hölzel, R. Marrs, R. del Moral and K. Prach. 2014. Optimization of intervention levels in ecological restoration. **Applied Vegetation Science** 17:187-192.

Walker, L.R., A.R. DeGange, G. Michaelson, D.S. Sikes, S.L. Talbot, S.S. Talbot, B. Wang and J.C. Williams. 2013. Biology and soil legacies direct early primary succession and food web reorganization on Kasatochi Volcano, Alaska. **Écoscience** 20:240-251.

Walker, L.R., A.B. Shiels, P.J. Bellingham, A. D. Sparrow, N. Fetcher, F.H. Landau, and D.J. Lodge. 2013. Changes in abiotic influences on seed plants and ferns during 18 years of primary succession on Puerto Rican landslides. **Journal of Ecology** 101:650-661.

Prach, K. and L.R. Walker. 2011. Four challenges for studies of ecological succession. **Trends in Ecology and Evolution** 26:119-123.

Walker, L.R., F. H. Landau, E. Velázquez, A. B. Shiels and A. Sparrow. 2010. Early successional woody plants facilitate and ferns inhibit forest development on Puerto Rican landslides. **Journal of Ecology** 98: 625-635.

Walker, L.R., Wardle, D.A., R.D. Bardgett and B.D. Clarkson. 2010. The use of chronosequences in studies of ecological succession and soil development. **Journal of Ecology** 98:725-736.

Peltzer, D.A., D.A. Wardle, V.J. Allison, W.T. Baisden, R.D. Bardgett, O.A. Chadwick, L.M. Condron, R.L. Parfitt, S. Porder, S.J. Richardson, B.L. Turner, P.M. Vitousek, J. Walker and L.R. Walker. 2010. Understanding ecosystem retrogression. **Ecological Monographs** 80:509-529.

Hayes, W.E. II, L.R. Walker and E.A. Powell. 2009. Competitive abilities and ecological impacts of *Tamarix aphylla* in Southern Nevada. **Plant Ecology** 202: 159-167.

Restrepo, C., L.R. Walker, A.B. Shiels, R. Bussman, L. Claessens, S. Fisch, P. Lozano, G. Negi, L. Paolini, G. Poveda, C. Ramos-Scharrón, M. Richter and E. Velázquez. 2009. Landsliding and its multi-scale influence on mountainscapes. **BioScience** 59:685-698.

Thompson, D., L.R. Walker, F. Landau and L.R. Stark. 2005. The influence of elevation, cryptobiotic soil crust and shrub canopy removal on fertile islands in the Mojave Desert, USA. **Journal of Arid Environments** 61:609-629.

Wardle, D., L.R. Walker, and R.D. Bardgett. 2004. Ecosystem properties and forest decline in contrasting long term chronosequences. **Science** 305:509-513.

Tallent-Halsell, N.G. and L.R. Walker. 2002. Responses of *Salix gooddingii* and *Tamarix ramosissima* to flooding. **Wetlands** 22: 138-148.

Walker, L.R. and E.A. Powell. 2001. Soil water retention on gold mine tailings. **Restoration Ecology** 9:95-103.

Bolling, J.D. and L.R. Walker. 2000. Plant and soil recovery along a series of abandoned desert roads. **Journal of Arid Environments** 46:1-24.

Callaway, R.M. and L.R. Walker. 1997. Competition and facilitation: A synthetic approach to interactions in plant communities. **Ecology** 78:1958-1965.