

## William J. Sutherland – Publications

### In press

Sutherland, W.J., Allison, H., Aveling, R., Bainbridge, I.P., Bennun, L., Bullock, D.J., Clements, A., Crick, H.Q.P., Gibbons, D. W., Smith, S., Rands, M.R.W., Rose, P., Scharlemann, J.P.W. and Warren, M.S. (in press) Enhancing the value of horizon scanning through collaborative review. *Oryx*

Catry, I., Franco, A.M.A. & Sutherland, W.J. (in press). Landscape and weather determinants of prey availability: implications for the Lesser Kestrel *Falco naumanni*. *Ibis*

Catry, I., Amano, T. Franco, A.M.A. & Sutherland, W.J. (in press). Influence of spatial and temporal dynamics of agricultural practices on the globally endangered lesser kestrel. *Journal of Applied Ecology*

Sutherland, W.J. & Freckleton, R.P. (in press). Making predictive ecology more relevant to policy makers and practitioners. *Philosophical Transactions of the Royal Society B*

Dalsgaard, B., Magård, E., Fjeldså, J., González, A.M.M., Rahbek, C., Olesen, J.M., Ollerton, J., Alarcón, R., Araujo, A.C., Cotton, P.A., Lara, C., Machado, C.G., Sazima, I., Sazima, M., Timmermann, A., Watts, S. Brody Sandel, B., Sutherland W.J., & Svenning J-C. (in press) Specialization in Plant-hummingbird Networks is Associated with Species Richness, Contemporary Precipitation and Quaternary Climate-change Velocity. *Plos One*

Alves, J.A., Sutherland, W.J., & Gill, J.A. (in press) Will improving wastewater treatment impact shorebirds? *Animal Conservation*

Alves, J.A., Gunnarsson, T.G., Potts, P.M., Gélinaud, G., Sutherland, W.J. & Gill, J.A. (in press) Overtaking on migration: does longer distance migration always incur a penalty? *Oikos*

Siriwardena, G.M., Cooke, I.R. & Sutherland, W.J. (in press) Landscape, cropping and field boundary influences on bird abundance. *Ecography*

Carstensen, D.W. Dalsgaard, B., Svenning, J.C., Rahbek, C. Fjeldså, J., Sutherland, W.J., & Olesen, J.M. (in press) Historical and contemporary drivers of avian biogeographical modules and island roles: a comparison of Wallacea and West Indies networks. *Journal of Biogeography*

Sandel, B., Arge, L., Dalsgaard, B., Davies, R.G., Gaston, K.J., Sutherland, W.J. & Svenning, J.-C. (in press) The influence of late quaternary climate-change velocity on species endemism. *Science*

Gilroy, J.J., Guy Q. A. Anderson, G. Q. A., Vickery, J. A., Grice, P. V. and Sutherland, W. J. (in press) Identifying mismatches between habitat selection and habitat quality in a ground-nesting farmland bird. *Animal Conservation*

Gunnarsson, G.T., Sutherland, W.J., Alves, J.A. Potts, P.M. & Gill, J.A. (in press) Rapid changes in phenotype distribution during range expansion in a migratory bird. *Philosophical Transactions of the Royal Society B*

## William J. Sutherland – Publications

### 2012

Amano, T., Okamura, H., Carrizo, S.F. and Sutherland, W.J. (2012) Hierarchical models for smoothed population indices: the importance of considering variations in trends of count. *Ecological Indicators*, 13, 243–252.

### 2011

Sutherland, W.J. Aveling, R., Bennun, L., Chapman, E., Clout, M., Côté, I.C., Depledge, M.H., Dicks, L.V., Dobson, A.P., Fellman, L., Fleishman, E., Gibbons, D.W., Keim, B., Lickorish, F., Lindenmayer, D.B., Monk, K.A., Norris, K. Peck, L.S., Prior, S.V., Scharlemann, J.P.W., Spalding, M. & Watkinson, A.R. (2012) A Horizon Scan of Global Conservation Issues for 2012. *Trends in Ecology and Evolution* doi: 10.1016/j.tree.2011.10.011

Fleishman, E., Blockstein, D.E., Hall, J.A., Mascia, M.B., Rudd, M.A., Scott, J.M., Sutherland, W.J., Bartuska, A.M. Brown, A.G., Christen, C.A., Clement, J. P., Sala, D.D., Duke, C.D., Eaton, M., Fiske, S.J., Gosnell, H., Haney, J.C., Hutchins, M., Klein, M.L., Marqusee, J., Noon, B.R., Nordgren, J.R., Orbuch, P.M., Powell, J., Quarles, S.P., Saterson, K.A., Savitt, C.C., Stein, B.A., Webster, M. S. & Vedder, A. (2011) Top 40 priorities for science to inform conservation and management policy in the United States. *BioScience*, 61, 290-300.

Rayn, D. & Sutherland, W.J. (2011) Impact of nature reserve establishment on deforestation: A test. *Biodiversity and Conservation*, 20, 1625-1633.

Knudsen, E., Lindén, A., Both, C., Jonzén, N., Pulido, F., Saino, N., Sutherland, W. J., Bach, L.A., Coppack, T., Ergon, T., Gienapp, P., Gill, J. A., Gordo, O. & Hedenström, A., Lehikoinen, E., Marra, P.P., Møller, A.P., Nilsson, A.L., Péron, G., Ranta, E., Rubolini, D., Sparks, T.H., Spina, F., Studds, C.E., Saether, S.A., Tryjanowski, P., Chr Stenseth N. (2011) Challenging claims in the study of migratory birds and climate change. *Biological Reviews*, 86, 928–946.

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Queenborough, S.A., Burnet, K.M., Sutherland, W.J., Watkinson, A.R. & Freckleton, R.P. From meso- to macroscale population dynamics: a new density-structured approach (2011) *Methods in Ecology and Evolution*, 2, 289-302.

Sutherland, W.J. Fleishman, E., Mascia, M.B., Pretty, P. & Rudd, M.A. (2011) Methods for collaboratively identifying research priorities and emerging issues in science and policy. *Methods in Ecology and Evolution*, 2, 238-247.

Catry, I., Franco, A.M.A. & Sutherland, W.J. (2011) Adapting conservation efforts to face climate change: modifying nest-site provisioning for lesser kestrels. *Biological Conservation*, 144, 1111-1119.

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Jacquet, J., Boyd, I., Carlton, J.T., Fox, H., Johnson, A.E., Mee, L., Roman, J., Spalding, M. & Sutherland, W.J. (2011) Scanning the oceans for solutions. *Solutions*, 2, 46-55.

Sutherland, W.J. & Peel, M.J.S. (2011) Benchmarking as a means of improving conservation practice. *Oryx*, 45, 56 -59.

Sutherland, W.J., Bardsley, S., Bennun, L., Clout, M., Côté, I.M., Depledge, M.H., Dicks, L.V., Dobson, A.P., Fellman, L., Fleishman, E., Gibbons, D.W., Impey, A.J., Lawton, J.H., Lickorish, F., Lindenmayer, D.B., Lovejoy, T.E., Mac Nally, R., Madgwick, J., Peck, L.S., Pretty, J., Prior, S.V., Redford, K.H., Scharlemann, J.P.W., Spalding, M. & Watkinson, A.R. (2011) A Horizon Scan of Global Conservation Issues for 2011. *Trends in Ecology and Evolution*, 26, 10-16.

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Cornulier, T., Robinson, R.A., Elston, D., Lambin, X., Sutherland, W.J. & Benton, T.G. (2011) Bayesian reconstitution of environmental change from disparate historical records: hedgerow loss and farmland bird declines. *Methods in Ecology and Evolution*, 2, 86–94.

Dicks, L & Sutherland, W.J. (2011) Evidence-based conservation on farmland – making it possible. *In Practice*, 71, 16-18.

## 2010

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Lawton, J.H., Brotherton, P.N.M., Brown, V.K., Elphick, C., Fitter, A.H., Forshaw, J., Haddow, R.W., Hilborner, S., Leafe, R.N., Mace, G.M., Southgate, M.P., Sutherland, W.J., Tew, T.E., Varley, J. & Wynne, G.R. (2010) *Making Space for Nature: a review of England's wildlife sites and ecological networks*. Report to Defra.

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Sutherland, W.J., Albon, S.D., Allison, H., Armstrong-Brown, S., Bailey, M.J., Bereton, T., Boyd, I.L., Carey, P., Edwards, J., Gill, M., Hill, D., Hodge, I., Hunt, A.J., Le Quesne, W.J.F., Macdonald, D.W., Mee, L.D., Mitchell, R., Norman, T., Owen, R.P., Parker, D., Prior, S.V., Pullin, A.S., Rands, M.R.W., Redpath, S., Spencer, J., Spray, C.J., Thomas, C.D., Tucker, G.M., Watkinson, A.R. & Clements, A. (2010) The identification of priority opportunities for UK nature conservation policy. *Journal of Applied Ecology*, 47, 955-965.

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Eglington, S.N., Bolton, M. A., Smart, J., Sutherland, W.J., Watkinson, A.R. & Gill, J.A.(2010) Managing water levels on wet grasslands to improve foraging conditions for breeding northern lapwing *Vanellus vanellus*. *Journal of Applied Ecology*, 47, 451-458.

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Dicks, L.J. Showler, D.A. & Sutherland, W.J. (2010) *Bee conservation: evidence for the effectiveness of interventions*. Pelagic Publishing.

Gilroy, J.J., Anderson, G.Q.A., Grice, P.V., Vickery, J.A. & Sutherland, W.J. (2010) Mid-season shifts in the habitat associations of Yellow Wagtails *Motacilla flava* breeding in arable farmland. *Ibis*, 152, 90-104.

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