

JOURNAL PUBLICATIONS

1. Bougaham AF, Belkacem, R, Habib SA, Boudjemaa L, Moulai R and O'Halloran J. 2019. Trophic ecology of Dippers, *Cinclus cinclus*, in the Babor Mountains, North-East Algeria. Bulletin de la Société zoologique de France. 144:41-50. (Project Principal Investigator; 0 citations; journal impact factor 0.07)
2. Caravaggi A, Irwin S, Lusby J, Ruddock M, O'Toole L, Mee A, Nagle T, O'Neill S, Tierney D, McCarthy A and O'Halloran J. 2019. Factors influencing Hen Harrier, *Circus Cyaneus*, territory site selection and breeding success. Bird Study. In Press. (Project Principal Investigator; 0 citations; journal impact factor 1.008)
3. Chen X, O'Halloran J and Jansen MAK. 2019. Orthophosphate modulates the phytotoxicity of nano-ZnO to *Lemna minor* (L.). doi.org/10.1080/09593330.2018.1445299 *Environmental technology*. 40:2446-2454. Doi: doi.org/10.1080/09593330.2018.1445299. (Project Co-Principal Investigator; 0 citations; journal impact factor 1.918)
4. Fernández-Bellon D, Wilson MW, Irwin S and O'Halloran J. 2019. Effects of development of wind energy and associated changes in land use on bird densities in upland areas. *Conservation Biology* 33:413-422. Doi: 10.1111/cobi.13239. (Project Principal Investigator; 1 citation; journal impact factor 6.194)
5. Mateos-Cárdenas A, Scott DT, Seitmaganbetova G, van Pelt FN, O'Halloran J and Jansen MAK. 2019. Polyethylene microplastics adhere to *Lemna minor* (L.), yet have no effects on plant growth or feeding by *Gammarus duebeni* (Lillj.). *Science of the Total Environment*. 689:413-421. Doi: 10.1016/j.scitotenv.2019.06.359. (Project Co-Principal Investigator; 0 citations; journal impact factor 5.589)
6. Pedley SM, Barbaro L, Guilherme JL, Irwin S, O'Halloran J, Proença V and Sullivan MJP. 2019. Functional shifts in bird communities from semi-natural oak forests to conifer plantations are not consistent across Europe. *PLOS ONE*. 14:e0220155. Doi: 10.1371/journal.pone.0220155. (Project collaborator; 0 citations; journal impact factor 2.776)
7. Chen X, O'Halloran J & Jansen MAK. 2018. Orthophosphate modulates the phytotoxicity of nano-ZnO to *Lemna minor* (L.). *Environmental Technology* 2: 1-9. doi:10.1080/09593330.2018.1445299. (Project Principal Investigator; 0 citations; journal impact factor 1.918)
8. Chen X, O'Halloran J & Jansen MAK. 2018. Time matters: The toxicity of Zinc Oxide nanoparticles to *Lemna minor* L. increases with exposure time. *Water, Air, & Soil Pollution* 229: 99-108. doi:10.1007/s11270-018-3759-4. (Project Principal Investigator; 1 citation; journal impact factor 1.774)
9. Fernández-Bellon D, Wilson MW, Irwin S, Kelly TC, O'Mahony B & O'Halloran J. 2018. Video evidence of siblicide and cannibalism, movement of nestlings by adults and interactions with predators in nesting Hen Harriers. *Journal of Raptor Research* 52: 393-399. doi:10.3356/JRR-17-58.1. (Project Principal Investigator; 0 citations; journal impact factor 1.167)
10. García-Tejero, S., J.R. Spence, J. O'Halloran, S. Bourassa, and A. Oxbrough. 2018. Natural succession and clearcutting as drivers of environmental heterogeneity and beta diversity in North American boreal forests. *PLOS ONE*. 13:e0206931. (Project Collaborator; 0 citations; journal impact factor 2.776)
11. Jagodzinski LS, O'Donoghue MT, Heffernan LB, van Pelt FN, O'Halloran J & Jansen MA. 2018. Wood ash residue causes a mixture of growth promotion and toxicity in *Lemna minor*. *Science of the Total Environment* 625: 667-676. doi:10.1016/j.scitotenv.2017.12.233. (Project Principal Investigator; 2 citations; journal impact factor 5.589)
12. Li L, Wu W, Giller P, O'Halloran J, Liang L, Peng P & Zhao G. 2018. Life Cycle Assessment of a Highly Diverse Vegetable Multi-Cropping System in Fengqiu County, China. *Sustainability* 10: 983-999. doi:10.3390/su10040983. (Project collaborator; 6 citations; journal impact factor 2.592)

13. O'Shea W, O'Halloran J & Quinn JL. 2018. Breeding phenology, provisioning behaviour, and unusual patterns of life history variation across an anthropogenic heterogeneous landscape. *Oecologia*: 1-12. doi:10.1007/s00442-018-4155-x. (Project Principal Investigator; PhD Supervisor; 0 citations; journal impact factor 2.915)
14. Fernández-Bellon D, Wilson MW, Irwin S, Kelly TC, O'Mahony B & O'Halloran J. 2017. Activity patterns of breeding Hen Harriers *Circus cyaneus* assessed using nest cameras. *Bird Study* 64: 557-561. doi:10.1080/00063657.2017.1383969. (Project Principal Investigator; 2 citations; journal impact factor 1.008)
15. Graham CT, Wilson MW, Gittings T, Kelly TC, Irwin S, Quinn JL & O'Halloran J. 2017. Implications of afforestation for bird communities: the importance of preceding land-use type. *Biodiversity and Conservation* 26: 3051-3071. doi:10.1007/s10531-015-0987-4. (Project Principal Investigator; 13 citations; journal impact factor 3.142)
16. Lusby J, Corkery I, McGuinness S, Fernández-Bellon D, Toal L, Norriss D, Breen D, O'Donail A, Clarke D, Irwin S, Quinn JL & O'Halloran J. 2017. Breeding ecology and habitat selection of Merlin *Falco columbarius* in forested landscapes. *Bird Study* 64: 445-454. doi:10.1080/00063657.2017.1408565. (Project Principal Investigator; 0 citations; journal impact factor 1.008)
17. O'Halloran J, Kelly T, Quinn J, Irwin S, Fernández-Bellon D, Caravaggi A & Smiddy P. 2017. Current ornithological research in Ireland: seventh Ornithological Research Conference, UCC, November 2017. *Irish Birds* 10: 598-638. (Conference Chair)
18. Wilson MW, Fernández-Bellon D, Irwin S & O'Halloran J. 2017. Hen Harrier *Circus cyaneus* population trends in relation to wind farms. *Bird Study* 64: 20-29. doi:10.1080/00063657.2016.1262815. (Project Principal Investigator; 3 citations; journal impact factor 1.008)
19. Wilson MW, Irwin S, O'Mahony B, Kelly TC & O'Halloran J. 2017. The effects of fieldwork on Hen Harrier *Circus cyaneus* breeding success. *Irish Birds* 10: 457-462. (Project Principal Investigator; 1 citation)
20. Bullock CH, O'Callaghan C, Dhubháin ÁN, Iwata Y, O'Donoghue C, Ryan M, Upton V, Byrne KA, Irwin S & O'Halloran J. 2016. A review of the range and value of ecosystem services from Irish forests. *Irish Forestry* 73. (Project Principal Investigator; 0 citations)
21. Chen X, O'Halloran J & Jansen MAK. 2016. The toxicity of zinc oxide nanoparticles to *Lemna minor* (L.) is predominantly caused by dissolved Zn. *Aquatic Toxicology* 174: 46-53. doi:10.1016/j.aquatox.2016.02.012. (Project Principal Investigator; 23 citations; journal impact factor 3.794)
22. Devaney JL, Redmond JJ, Cott GM & O'Halloran J. 2016. Deforestation in Ireland 2000-2012. *Irish Forestry* 73: 8-24. (Project Principal Investigator; 0 citations)
23. Doerr B, O'Halloran J, O'Brien N & van Pelt F. 2016. Investigation of the genotoxic potential of the marine biotoxins azaspiracid 1-3. *Toxicon* 121: 61-69. doi:10.1016/j.toxicon.2016.08.019. (Project Principal Investigator; 2 citations; journal impact factor 2.276)
24. Edwards-Murphy F, Magno M, Whelan PM, O'Halloran J & Popovici EM. 2016. b+ WSN: Smart beehive with preliminary decision tree analysis for agriculture and honey bee health monitoring. *Computers and Electronics in Agriculture* 124: 211-219. doi:10.1016/j.compag.2016.04.008. (Project Principal Investigator; 38 citations; journal impact factor 3.171)
25. O'Callaghan CJ, Irwin S, Byrne K & O'Halloran J. 2016. The role of planted forests in the provision of habitat: an Irish perspective. *Biodiversity and Conservation* 26: 3103-3124. doi:10.1007/s10531-016-1125-7. (Project Principal Investigator; MSc Supervisor; 5 citations; journal impact factor 3.142)
26. Oxbrough A, García-Tejero S, Spence J & O'Halloran J. 2016. Can mixed stands of native and non-native tree species enhance diversity of epigeic arthropods in plantation forests? *Forest Ecology and*

- Management 367: 21-29. doi:10.1016/j.foreco.2016.02.023. (Project Principal Investigator; 14 citations; journal impact factor 3.126)
27. Pedley SM, Oxbrough A, Martin RD, Irwin S, Kelly TC & O'Halloran J. 2016. Can ground-based assessments of forest biodiversity reflect the biological condition of canopy assemblages? *Forest Ecology and Management* 359: 190-198. doi:10.1016/j.foreco.2015.10.006. (Project Principal Investigator; 5 citations; journal impact factor 3.126)
 28. Smiddy P, O'Mahony B, Fernández-Bellon D & O'Halloran J. 2016. The oldest Dipper *Cinclus cinclus* in Ireland and Britain, thus far. *Irish Birds* 10. (Project Principal Investigator; 0 citations)
 29. Cummins S, Bleasdale A, Douglas C, Newton S, O'Halloran J & Wilson HJ. 2015. Densities and population estimates of Red Grouse *Lagopus lagopus scotica* in Ireland based on the 2006-2008 national survey. *Irish Birds* 10: 197-210. (Project Principal Investigator; 2 citations)
 30. Devaney J, Barrett B, Barrett F, Redmond J & O'Halloran J. 2015. Forest cover estimation in Ireland using radar remote sensing: A comparative analysis of forest cover assessment methodologies. *PLOS ONE* 10: e0133583. doi:10.1371/journal.pone.0133583. (Project Principal Investigator; 8 citations; journal impact factor 2.776)
 31. Devaney JL, Redmond JJ & O'Halloran J. 2015. Contemporary forest loss in Ireland; quantifying rare deforestation events in a fragmented forest landscape. *Applied Geography* 63: 346-356. doi:10.1016/j.apgeog.2015.07.008. (Project Principal Investigator; 4 citations; journal impact factor 3.068)
 32. Fernández-Bellon D, Irwin S, Wilson MW & O'Halloran J. 2015. Reproductive output of Hen Harriers *Circus cyaneus* in relation to wind turbine proximity. *Irish Birds* 10: 143-150. (Project Principal Investigator; 1 citation)
 33. Juhel G, Ramsay RM, Davenport J, O'Halloran J & Culloty SC. 2015. Effect of the microcystin-producing cyanobacterium, *Microcystis aeruginosa*, on immune functions of the Zebra Mussel *Dreissena polymorpha*. *Journal of Shellfish Research* 34: 433-442. (Project Co-Principal Investigator; 6 citations; journal impact factor 1.037)
 34. Lahive E, O'Halloran J & Jansen MAK. 2015. A marriage of convenience; a simple food chain comprised of *Lemna minor* (L.) and *Gammarus pulex* (L.) to study the dietary transfer of zinc. *Plant Biology* 17: 75-81. doi:10.1111/plb.12179. (Project Principal Investigator; 12 citations; journal impact factor 2.393)
 35. McCarthy M, Bane V, García-Altres M, van Pelt FNAM, Furey A & O'Halloran J. 2015. Assessment of emerging biotoxins (pinnatoxin G and spirolides) at Europe's first marine reserve: Lough Hyne. *Toxicon* 108: 202-209. doi:10.1016/j.toxicon.2015.10.007. (Project Principal Investigator; 10 citations; journal impact factor 2.276)
 36. Smiddy P & O'Halloran J. 2015. Biometrics of Pied Wagtails *Motacilla alba yarrellii* in County Cork. *Irish Birds* 10: 179-182. (Project Principal Investigator; 1 citation)
 37. Bougaham AF, Moulai R & O'Halloran J. 2014. Trophic ecology of the Grey Wagtail *Motacilla cinerea* before and during the breeding season in the region of Bejaia (Algeria). *Comptes Rendus Biologies* 337: 466-473. doi:10.1016/j.crv.2014.05.001. (PhD Supervisor; 3 citations; journal impact factor 1.867)
 38. Crowe O, Coombes RH & O'Halloran J. 2014. Estimates and trends of common breeding birds in the Republic of Ireland. *Irish Birds* 10: 23-32. (Project Principal Investigator; 1 citation)
 39. Crowe O, Musgrove AJ & O'Halloran J. 2014. Generating population estimates for common and widespread breeding birds in Ireland. *Bird Study* 61: 82-90. doi:10.1080/00063657.2013.868401. (Project Principal Investigator; 4 citations; journal impact factor 1.008)
 40. Daly E, McCarthy N, O'Halloran J, Irwin S & O'Rathaille M. 2014. Effect of forest litter depth on seed germination efficacy of *Rhododendron ponticum*. *Irish Forestry* 71: 50-62. (Project Principal Investigator; 0 citations)

41. Fuller L, Newman M, Irwin S, Kelly T & O'Halloran J. 2014. Ground-dwelling spider diversity in rare European oak and yew woodlands and the impact of grazing. *Biodiversity and Conservation* 23: 1911-1929. doi:10.1007/s10531-014-0695-5. (Project Principal Investigator; PhD Supervisor; 4 citations; journal impact factor 3.142)
42. Graham CT, Drinan TJ, Harrison SSC & O'Halloran J. 2014. Relationship between plantation forest and brown trout growth, energetics and population structure in peatland lakes in western Ireland. *Forest Ecology and Management* 321: 71-80. doi:doi.org/10.1016/j.foreco.2013.06.057. (Project Co-Principal Investigator; 5 citations; journal impact factor 3.126)
43. Graham CT, Wilson MW, Gittings T, Kelly TC, Irwin S, Sweeney OF & O'Halloran J. 2014. Factors affecting the bird diversity of planted and semi-natural oak forests in Ireland. *Bird Study* 61: 309-320. doi:10.1080/00063657.2014.927415. (Project Principal Investigator; 11 citations; journal impact factor 1.008)
44. Harrison SSC, Hutton S, Baars J-R, Cruikshanks R, Johnson J, Juhel G, Kirakowski T, Matson R, O'Halloran J, Phelan P & Kelly-Quinn M. 2014. Contrasting impacts of conifer forests on brown trout and Atlantic salmon in headwater Streams in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* 114B: 219-231. doi:10.3318/bioe.2014.20 (Project Principal Investigator; 3 citations; journal impact factor 0.731)
45. Irwin S, Pedley SM, Coote L, Dietzsch AC, Wilson MW, Oxbrough A, Sweeney OF, Moore KM, Martin R, Kelly DL, Mitchell FJG, Kelly T & O'Halloran J. 2014. The value of plantation forests for plant, invertebrate and bird diversity and the potential for cross-taxon surrogacy. *Biodiversity and Conservation* 23: 697-714. doi:10.1007/s10531-014-0627-4. (Project Co-Principal Investigator; 33 citations; journal impact factor 3.142)
46. Kelly-Quinn M, Baars J-R, McGarrigle M, White B, Moorkens E, Irvine K, Glasgow G, Chuanigh EN, Callanan M, Weekes L, Matson R, Kelly F, FitzPatrick Ú, Kavanagh JA, Harrison SS, Whelan KF, Feeley HB, Hutton S, Cruikshanks R, Johnson J, Juhel G, Kirakowski T, O'Halloran J & Phelan P. 2014. Macroinvertebrate assemblages of small upland peatland lakes in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* 114: 233-248. doi:10.3318/bioe.2014.31 (Project Principal Investigator; 10 citations; journal impact factor 0.731)
47. McCarthy M, O'Halloran J, O'Brien NM & van Pelt FNAM. 2014. Does the marine biotoxin okadaic acid cause DNA fragmentation in the blue mussel and the pacific oyster? *Marine Environmental Research* 101: 153-160. doi:10.1016/j.marenvres.2014.09.009. (Project Principal Investigator; 12 citations; journal impact factor 3.445)
48. McCarthy M, van Pelt FNAM, Bane V, O'Halloran J & Furey A. 2014. Application of passive (SPATT) and active sampling methods in the profiling and monitoring of marine biotoxins. *Toxicon* 89: 77-86. doi:10.1016/j.toxicon.2014.07.005. (Project Collaborator and PhD Supervisor; 24 citations; journal impact factor 2.276)
49. McDevitt AD, Montgomery WI, Tosh DG, Lusby J, Reid N, White TA, McDevitt CD, O'Halloran J, Searle JB & Yearsley JM. 2014. Invading and expanding: Range dynamics and ecological consequences of the Greater White-toothed Shrew (*Crocidura russula*) invasion in Ireland. *PLOS ONE* 9: e100403. doi:10.1371/journal.pone.0100403. (Project Principal Investigator; 20 citations; journal impact factor 2.776)
50. Nagle T, Mee A, Wilson MW, O'Halloran J & Smiddy P. 2014. Habitat and diet of re-colonising Common Buzzards *Buteo buteo* in County Cork. *Irish Birds* 10: 47-58. (Project Principal Investigator; 0 citations)
51. Oxbrough A, Irwin S, Wilson M & O'Halloran J. 2014. Editorial: Mechanisms and predictors of ecological change in managed forests: A selection of papers from the second international conference on biodiversity in forest ecosystems and landscapes. *Forest Ecology and Management* 321: 1-4. doi:10.1016/j.foreco.2013.09.038. (Project Principal Investigator; 10 citations; journal impact factor 3.126)

52. Pedley SM, Martin RD, Oxbrough A, Irwin S, Kelly TC & O'Halloran J. 2014. Commercial spruce plantations support a limited canopy fauna: Evidence from a multi taxa comparison of native and plantation forests. *Forest Ecology and Management* 314: 172-182. doi:10.1016/j.foreco.2013.12.010. (Project Principal Investigator; 12 citations; journal impact factor 3.126)
53. Coote L, Dietzsch AC, Wilson MW, Graham CT, Fuller L, Walsh AT, Irwin S, Kelly DL, Mitchell FJG, Kelly TC & O'Halloran J. 2013. Testing indicators of biodiversity for plantation forests. *Ecological Indicators* 32: 107-115. doi:10.1016/j.ecolind.2013.03.020. (Project Principal Investigator; 30 citations; journal impact factor 4.863)
54. Drinan T, Graham C, O'Halloran J & Harrison S. 2013. The impact of conifer plantation forestry on the Chydoridae (Cladocera) communities of peatland lakes. *Hydrobiologia* 700: 203-219. doi:10.1007/s10750-012-1230-x. (Project Principal Investigator; PhD Supervisor; 13 citations; journal impact factor 2.325)
55. Drinan TJ, Foster GN, Nelson BH, O'Halloran J & Harrison SSC. 2013. Macroinvertebrate assemblages of peatland lakes: Assessment of conservation value with respect to anthropogenic land-cover change. *Biological Conservation* 158: 175-187. doi:10.1016/j.biocon.2012.10.001. (Project Principal Investigator; PhD Supervisor; 20 citations; journal impact factor 4.451)
56. Drinan TJ, Graham CT, O'Halloran J & Harrison SSC. 2013. The impact of catchment conifer plantation forestry on the hydrochemistry of peatland lakes. *Science of The Total Environment* 443: 608-620. doi:10.1016/j.scitotenv.2012.10.112. (Project Principal Investigator; PhD Supervisor; 28 citations; journal impact factor 5.589)
57. Drinan TJ, O'Halloran J & Harrison SSC. 2013. Variation in the physico-chemical and biological characteristics between upland and lowland (Atlantic) blanket bog lakes in western Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* 113B: 67-91. (Project Principal Investigator; PhD Supervisor; 2 citations; journal impact factor 0.731)
58. Fuller L, Irwin S, Kelly T, O'Halloran J & Oxbrough A. 2013. The importance of young plantation forest habitat and forest road-verges for ground-dwelling spider diversity. *Biology and Environment: Proceedings of the Royal Irish Academy* 113B: 259-271. doi:10.2307/42912482. (Project Principal Investigator; PhD Supervisor; 4 citations; journal impact factor 0.731)
59. Fuller L, Oxbrough A, Gittings T, Irwin S, Kelly TC & O'Halloran J. 2013. The response of ground-dwelling spiders (Araneae) and hoverflies (Diptera: Syrphidae) to afforestation assessed using within-site tracking. *Forestry* 87: 301-312. doi:10.1093/forestry/cpt049. (Project Principal Investigator; PhD Supervisor; 7 citations; journal impact factor 2.876)
60. Graham CT, Irwin S, Wilson M, Gittings T, Kelly T & O'Halloran J. 2013. Tracking the impact of afforestation on bird communities. *Irish Forestry* 70: 172-183. (Project Principal Investigator; 1 citation)
61. Irwin S, Kelly DL, Kelly TC, Mitchell FJG, Coote L, Oxbrough A, Wilson MW, Martin R, Moore KM, Sweeney OF, Dietzsch A & O'Halloran J. 2013. Do Irish forests provide habitat for species of conservation concern. *Biology and Environment: Proceedings of the Royal Irish Academy* 113B: 273-279. (Project Principal Investigator; 6 citations; journal impact factor 0.731)
62. Murphy V, Carden RF, Harrison SSC, O'Halloran J, Irwin S & Butler F 2013. Deer in Irish commercial forests. *Irish Forestry* 70: 91-103. (Project Principal Investigator; PhD Supervisor; 1 citation)
63. O'Halloran J, Irwin S, Kelly T, Quinn J, Wilson M & Smiddy P. 2013. Current ornithological research in Ireland: 6th Ornithological Research Conference, UCC, November 2013. *Irish Birds* 9: 641-687. (Conference Chair)
64. Carey B, Sáez MJF, Hamilton B, O'Halloran J, van Pelt FNAM & James KJ. 2012. Elucidation of the mass fragmentation pathways of the polyether marine toxins, dinophysistoxins, and identification of isomer discrimination processes. *Rapid Communications in Mass Spectrometry* 26: 1793-1802. doi:10.1002/rcm.6278. (Project Collaborator; 14 citations; journal impact factor 2.045)

65. Copland AS, Crowe O, Wilson MW & O'Halloran J. 2012. Habitat associations of Eurasian Skylarks *Alauda arvensis* breeding on Irish farmland and implications for agri-environment planning. *Bird Study* 59: 155-165. doi:10.1080/00063657.2011.652593. (Project Collaborator; 8 citations; journal impact factor 1.008)
66. Donnelly A, Caffarra A, Kelleher C, O'Neill B, Diskin E, Pletsers A, Proctor H, Stirnemann R, O'Halloran J, Peñuelas J, Hodkinson T & Sparks T. 2012. Surviving in a warmer world: environmental and genetic responses. *Climate Research* 53: 245-262. doi:10.3354/cr01102. (Project Principal Investigator; 51 citations; journal impact factor 1.984)
67. Graham CT, Wilson M, Irwin S, Gittings T, Kelly T & O'Halloran J. 2012. Bird communities of forest roads: preliminary findings of a long term study. *Irish Birds* 9: 367-374. (Project Principal Investigator; 2 citations)
68. Lahive E, O'Halloran J & Jansen MAK. 2012. Frond development gradients are a determinant of the impact of zinc on photosynthesis in three species of Lemnaceae. *Aquatic Botany* 101: 55-63. doi:10.1016/j.aquabot.2012.04.003. (Project Principal Investigator; 14 citations; journal impact factor 2.143)
69. O'Connell S, Irwin S, Wilson MW, Sweeney OF, Kelly TC & O'Halloran J. 2012. How can forest management benefit bird communities? Evidence from eight years of research in Ireland. *Irish Forestry* 69: 44-57. (Project Principal Investigator; 3 citations)
70. Oxbrough A, French V, Irwin S, Kelly TC, Smiddy P & O'Halloran J. 2012. Can mixed species stands enhance arthropod diversity in plantation forests? *Forest Ecology and Management* 270: 11-18. doi:10.1016/j.foreco.2012.01.006. (Project Principal Investigator; 56 citations; journal impact factor 3.126)
71. Stirnemann RL, O'Halloran J, Ridgway M & Donnelly A. 2012. Temperature-related increases in grass growth and greater competition for food drive earlier migrational departure of wintering Whooper Swans. *Ibis* 154: 542-553. doi:10.1111/j.1474-919X.2012.01230.x. (Project Principal Investigator; 17 citations; journal impact factor 1.994)
72. Wilson M, Gittings T, Pithon J, Kelly T, Irwin S & O'Halloran J. 2012. Bird diversity of afforestation habitats in Ireland: current trends and likely impacts. *Biology and Environment: Proceedings of the Royal Irish Academy* 112: 1-4. (Project Principal Investigator; 16 citations; journal impact factor 0.731)
73. Wilson MW, O'Donoghue B, O'Mahony B, Cullen C, O'Donoghue T, Oliver G, Ryan B, Troake P, Irwin S, Kelly TC, Rotella JJ & O'Halloran J. 2012. Mismatches between breeding success and habitat preferences in Hen Harriers *Circus cyaneus* breeding in forested landscapes. *Ibis* 154: 578-589. doi:10.1111/j.1474-919X.2012.01236.x. (Project Principal Investigator; 19 citations; journal impact factor 1.994)
74. Bougaham AF, Moulai R & O'Halloran J. 2011. Breeding biology of Grey Wagtails *Motacilla cinerea* at the southern edge of their breeding range (region of Béjaia, Algeria). *Bird Study* 58: 357-360. doi:10.1080/00063657.2011.575928. (Project Principal Investigator; 2 citations; journal impact factor 1.008)
75. Donaghy AM, Green RE & O'HALLORAN J. 2011. Timing of autumn migration of young Corncrakes *Crex crex*. *Ibis* 153: 425-428. doi:10.1111/j.1474-919X.2011.01104.x. (Project Principal Investigator; 5 citations; journal impact factor 1.994)
76. Irwin S, Wilson MW, Kelly TC, O'Mahony B, Oliver G, Troake P, Ryan B, Cullen C, O'Donoghue B & O'Halloran J. 2011. The breeding biology of Hen Harriers *Circus cyaneus* in Ireland over a five year period. *Irish Birds* 9: 165-172. (Project Principal Investigator; 9 citations)
77. Juhel G, Batisse E, Hugues Q, Daly D, van Pelt FNAM, O'Halloran J & Jansen MAK. 2011. Alumina nanoparticles enhance growth of *Lemna minor*. *Aquatic Toxicology* 105: 328-336. doi:10.1016/j.aquatox.2011.06.019. (Project Co-Principal Investigator; 77 citations; journal impact factor 3.794)

78. Lahive E, O'Callaghan MA, Jansen MK & O'Halloran J. 2011. Uptake and partitioning of zinc in Lemnaceae. *Ecotoxicology* 20: 1992-2002. doi:10.1007/s10646-011-0741-y. (Project Co-Principal Investigator; 18 citations; journal impact factor 2.460)
79. Lahive E, O'Halloran J & Jansen M. 2011. Differential sensitivity of four Lemnaceae species to zinc sulphate. *Environmental and Experimental Botany* 71: 25-33. doi:10.1016/j.envexpbot.2010.10.014. (Project Principal Investigator; 37 citations; journal impact factor 3.712)
80. O'Connell MM, Keating U, Mcelligott D, O'Reilly P, O'Callaghan J & O'Halloran J. 2011. An investigation of a novel anomalous pink feather colouration in the Mute Swan *Cygnus olor* in Britain and Ireland. *Wildfowl* 61: 152-165. (Project Principal Investigator; 2 citations; journal impact factor 0.762)
81. O'Driscoll D, Škrabáková Z, O'Halloran J, van Pelt FNAM & James KJ. 2011. Mussels increase xenobiotic (azaspiracid) toxicity using a unique bioconversion mechanism. *Environmental Science & Technology* 45: 3102-3108. doi:10.1021/es103612c. (Project Principal Investigator; 20 citations; journal impact factor 7.149)
82. Sweeney OF, Wilson MW, Irwin S, Kelly TC, Gittings T & O'Halloran J. 2011. Breeding birds of native woodlands and plantation forests in Ireland. *Irish Birds* 9: 181-196. (Project Principal Investigator; PhD Supervisor; 3 citations)
83. Crowe O, Coombes RH, Lysaght L, O'Brien C, Choudhury KR, Walsh AJ, Wilson JH & O'Halloran J. 2010. Population trends of widespread breeding birds in the Republic of Ireland 1998–2008. *Bird Study* 57: 267-280. doi:10.1080/00063651003615147. (Project Principal Investigator; 17 citations; journal impact factor 1.008)
84. James KJ, Carey B, O'Halloran J, van Pelt FNAM & Škrabáková Z. 2010. Shellfish toxicity: human health implications of marine algal toxins. *Epidemiology and Infection* 138: 927-940. doi:10.1017/S0950268810000853. (Project Principal Investigator; 94 citations; journal impact factor 2.047)
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BOOK SECTIONS/CHAPTERS

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SELECTED CONFERENCE PRESENTATIONS

1. O'Halloran J. 2019. A whole-institution approach to embedding sustainable development at University College Cork. The 7th ASEF Rectors' Conference, National University of Political Studies and Public Administration (SNSPA), Bucharest, Romania, 12th-14th May 2019.
2. O'Halloran J. 2018. Approaches to forest biodiversity assessment in Ireland. Frontiers and Horizons in Ecology. Queen's University Belfast, 1st-2nd November 2018.
3. O'Halloran J. 2017. Embedding sustainability in the curriculum. Workshop on Sustainable Development. Universidad Nacional de Columbia sede Amazonia. 28th July 2017.
4. O'Halloran J. 2016. Sustainability in Universities. National & International Partnerships in Sustainability Workshop. University of Massachusetts (Lowell), Boston. 3-4th November 2016.

5. O'Halloran J. 2016. Indifference to boundaries leads to success in interdisciplinary research. STEAM: A workshop to cultivate interdisciplinary research in Ireland. Trinity College Dublin. 9-10th September 2016.
6. O'Halloran J. 2016. Online learning at UCC. Invited Keynote. School of Asian Studies, University of London.
7. Wilson MW, Fernández-Bellon D, Irwin S & O'Halloran J. 2017. Interactions between Hen harriers and wind turbines. 7th Irish Ornithological Research Conference, November 25th 2017, University College Cork, Ireland.
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