



22 Martello Park, Holywood,
BT180DG, Co. Down, Northern Ireland
Tel. IRL | 087 297793 Tel. UK | 077 71762355
Email: dave.wall@wildocean.ie | Web: www.wildocean.ie

DAVE WALL – CURRICULUM VITAE

SUMMARY Qualified independent zoologist with 18 years' experience in marine and terrestrial mammal surveys and research. Experienced in project management, survey team management, data collection, data analysis, report writing and mapping.

PERSONAL DETAILS Nationality: Irish Passport: Irish Residency: Northern Ireland
Date of Birth: 24.10.1974 Marital Status: Married

SKILLS & CERTIFICATES

- Marine Mammal Observer
- PAM Operator
- Project Management and Delivery
- Team Leadership
- PAMGUARD Expertise
- Marine Mammal Survey and Identification
- Research
- Mitigation
- Static Acoustic Monitoring (SAM)
- Deep Ocean SAM Deployments (CPOD and MARU)
- Report Writing
- GIS Mapping
- Media Appearances
- JNCC Qualified
- NPWS Qualified
- MSEIS Certified
- BOSIET Certified
- UKOOH Medical Cert
- ENG11 Medical Cert
- VHF Certified
- Seafarers Discharge Book
- STCW95 PSST Cert
- CMAS** / Nitrox Diver
- CMAS / CFT Coxswain Certificate

EXPERIENCE

2002 – 2013 | WILDOCEAN ECOLOGICAL CONSULTANCY SERVICES

Operating my own ecological consultancy, focusing on provision of Passive Acoustic Monitoring, Marine Mammal Observer and Team Leader services to the Oil and Gas Industry, Static Acoustic Monitoring for cetaceans and Terrestrial Ecology Surveys. *(A full list of offshore surveys conducted 1998 – 2014 is available on www.wildocean.ie).*

2001 – 2013 | IWDG FERRY AND SHIP SURVEYS PROGRAMME

Project manager for long-term monitoring on three commercial ferry routes across the Irish Sea. Collaborate with network of similar surveys across Europe via the ARC Network. Also manage annual surveys by IWDG volunteers on research vessels within the Irish EEZ.

2011 – 2012 | BEAKED WHALE STATIC ACOUSTIC MONITORING

Project manager for 12 month study in collaboration with Cornell University (NY, USA) testing two passive acoustic monitoring technologies for monitoring beaked whales in

deep offshore waters. (Budget €270,000).

2008 – 2011 | PReCAST OFFSHORE CETACEAN SURVEYS

Employed by the Galway-Mayo Institute of Technology to conduct and project manage three years of cetacean line transect survey effort in the Irish EEZ. Conducted five months of survey effort per annum. Managed a team of seven surveyors. Conducted project data management and analysis. Chief Scientist for two multidisciplinary surveys of the Irish Shelf Slopes on the state research vessel R.V. *Celtic Explorer*. (Budget €540,000).

2008 – 2011 | ISCOPE CETACEAN SURVEYS OF IRISH AND NORTHERN IRISH WATERS

Project manager for three year programme of cetacean line transect survey effort in the Irish and Northern Irish EEZs for the Irish Whale and Dolphin Group. Conducted 2-4 months of survey effort per annum. Managed a team of five surveyors. Conducted project data management and analysis. Joint funded by Irish and Northern Irish state agencies.

2008 | DEVELOPMENT OF JOINT IRISH CETACEAN DATABASE

Consultant for the National Biodiversity Data Centre, Waterford. Advising on data management and compatibility, data sourcing, mapping and analysis.

2002 – 2008 | TERRESTRIAL ECOLOGICAL SURVEYS

Conducted surveys of terrestrial mammals for a wide variety of clients including consultancies, local authorities, development companies and private individuals. Preparation of survey maps, reports and mitigation measures.

2007 | CODA SURVEY OF CETACEANS IN EU OFFSHORE WATERS

Surveyor on survey vessels Rari and Germinal for cetacean survey of Atlantic offshore waters from Brest, France to Galway, Ireland conducted by SMRU, St. Andrews University.

2004 - 2007 | PREPARATION OF MARINE MAMMAL SKELETONS

Preparation of marine mammal skeletons for exhibit and addition to reference collection of the National Museum of Ireland - Natural History, Shannon Dolphin and Wildlife Foundation and University College Cork. Species included Pygmy Sperm Whale, Northern Bottlenose Whale and Sowerby's Beaked Whale.

2006 | SETUP OF IRISH CETACEAN GENETIC TISSUE BANK

Project manager for the establishment of a genetic tissue bank for cetaceans in Ireland. Funded by the Heritage Council and a partnership between the National Museum of Ireland, Natural History and the IWDG. The bank acts as a source of cetacean genetic samples for researchers from Ireland and across the globe.

2005 | SCANS II SURVEY OF CETACEANS IN EU SHELF WATERS

Surveyor on survey vessel Mars Chaser for cetacean survey of Atlantic shelf waters from Tórshavn, Faroes to West of Kerry, Ireland conducted by SMRU, St. Andrews University.

2005 | MEDIA CONSULTANT – WILD TRIALS

Expert consultant for RTE Wild Trials Series II. Episode on Urban Foxes with Senator David Norris.

2005 | INVENTORY OF SKELETAL MATERIAL FOR NATURAL HISTORY MUSEUM DUBLIN

Survey and cataloguing of skeletal collection on exhibit and in reference collection of the National Museum of Ireland, Natural History, Dublin.

2004 | WEST COAST CETACEAN SURVEY

Project manager for the West Coast Cetacean Survey, a six month program of marine mammal visual surveys conducted during the Irish National Seabed Survey and funded by the Heritage Council.

1999 – 2002 | POSTGRADUATE RESEARCH INTO URBAN FOXES IN DUBLIN

Continuing on from my undergraduate research into urban fox distribution and body condition. My research focused on the diet, reproduction and body condition of urban foxes in Dublin, Ireland.

1998 | BADGER TRAPPING AND RADIO TRACKING - AUSTRIAN ALPS

Voluntary field worker for the Wildlife conservation Research Unit, Oxford University. Working in the Austrian Tyrol and responsible for trapping, radio-collaring and radio-tracking badgers during the winter and spring seasons.

1997 | OTTER SURVEY OF ROARINGWATER BAY - IRELAND

Voluntary field worker for Sherkin Island Marine Station. Responsible for surveying all islands in Roaringwater Bay, Co. Cork for otters, data mapping and analysis.

1997 | GREY SEAL REHABILITATION FOR NATIONAL PARKS AND WILDLIFE

Voluntary position working with NPWS and Irish Seal Sanctuary. Responsible for handling, feeding and veterinary care of seven grey seals rescued by NPWS at Glenveagh Castle, Donegal.

EDUCATION

UNIVERSITY OF DUBLIN, TRINITY COLLEGE, DUBLIN 2

B.A. in Natural Sciences, Zoology (Hons) | Graduated November 1996

STEERING GROUPS

2007 - 2013 | JOINT CETACEAN PROTOCOL STEERING GROUP

Involving UK & Irish NGO's, Academic organisations and Government Bodies. The JCP is tasked with the integration of data sets from the UK & Ireland with a view to contributing to Article 17 reporting requirements.

2009 | IRISH OFFSHORE STRATEGIC ENVIRONMENTAL ASSESSMENT 4

Represented the IWDG on the steering group of IOSEA-4 which prepared an SEA of oil and gas prospect licensing in the Irish and Celtic Seas.

2008 | IRISH OFFSHORE STRATEGIC ENVIRONMENTAL ASSESSMENT 3

Represented the IWDG on the steering group of IOSEA-3 which prepared an SEA of oil and gas prospect licensing in the Rockall Basin.

2007 - 2008 | FINGAL NATURE RECORDING SCHEME STEERING GROUP

Tasked with exploring the possibilities of streamlining and/or combining the output five voluntary recording schemes and using an already established community network, such as a Local Authority, to assist in this integration for the benefit of the local community.

2007 | IRISH OFFSHORE STRATEGIC ENVIRONMENTAL ASSESSMENT 2

Represented the IWDG on the steering group, IOSEA-2 prepared an SEA of oil and gas prospect licensing in the Porcupine Bank and Porcupine Seabight.

2006 - 2007 | DUBLIN CITY COUNCIL BIODIVERSITY ACTION PLAN

Steering group to guide the preparation of a BAP for the Dublin City Council area from 2007-2010. Drafted to steering group as expert on marine and terrestrial mammals.

2005 - 2007 | NORTHWEST WATERS REGIONAL ADVISORY COUNCIL

Represented the IWDG on the Executive Committee of the NWWAC. The Council is a stakeholder body issuing stakeholder feedback and advice to the EU Commission on the management of non-pelagic fish stocks in Northwest European Waters.

2006 - 2007 | IRISH SEISMIC SURVEY MITIGATION GUIDELINES

Represented the IWDG on the steering group which drafted the first set of Irish guidelines for the mitigation of the effects of acoustic seabed surveys on marine mammals.

2006 | IRISH OFFSHORE STRATEGIC ENVIRONMENTAL ASSESSMENT 1

Represented the IWDG on the steering group of IOSEA-1 which prepared an SEA of oil and gas prospect licensing in the Slyne, Erris and Donegal Basins.

PUBLICATIONS

PEER REVIEWED PAPERS

Lambert, E., Pierce, G. J., Hall, K., Brereton, T., Dunn, T. E., **Wall, D.**, Jepson, P.D., Deaville, R. & MacLeod, C. D. (2014). Cetacean range and climate in the eastern North Atlantic: future predictions and implications for conservation. *Global change biology*, 20(6), 1782-1793.

Edwards, C., Soulsbury, C., Statham, M., Ho, S., **Wall, D.**, Dolf, G., Iossa, G., Baker, P., Harris, S., Sacks, B. and Bradley, D. (2012) Temporal genetic variation of the red fox, *Vulpes vulpes*, across western Europe and the British Isles. *Quaternary Science Reviews*, 57 (4). pp. 95-104.

Lambert E, MacLeod CD, Hall K, Brereton T, Dunn TE, **Wall D**, Jepson PD, Deaville R, Pierce GJ. (2011) Quantifying likely cetacean range shifts in response to global climatic change: implications for conservation strategies in a changing world. *Endangered Species Research* 15:205-222.

Wall D., O'Kelly I., Whooley P. and Tyndall P. (2009) New records of blue whales (*Balaenoptera musculus*) with evidence of possible feeding behaviour from the continental shelf slopes to the west of Ireland. *Marine Biodiversity Records*, Vol. 2; e128; 2009.

Wall D., O'Brien J., Allen B.M. & Meade J. (2006) Summer Distribution and Relative Abundance of Cetaceans off the West Coast of Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy*. Vol. 106B, No. 2, 135-142.

Wolfe A., Hogan S., Maguire D., Fitzpatrick C., Vaughan L., **Wall D.**, Hayden T. & Mulcahy G. (2001) Red foxes in Ireland as hosts for parasites of potential zoonotic and veterinary significance. *Veterinary Record*. Vol. 149, 759-763.

NON-PEER REVIEWED PAPERS

Wall D., Massett N., Whooley P., O'Connell M., and Berrow S. (2012) Current state of knowledge of the distribution and relative abundance of Risso's Dolphins (*Grampus griseus*) in Irish waters. *Proceedings of Workshop on Risso's Dolphins at 26th Annual Conference, European Cetacean Society, Galway, Ireland.*

Boisseau, O., Moscrop, A., Cucknell, A., McLanaghan, R. and **Wall, D.** (2011) An acoustic survey for beaked whales in the Rockall Trough. Paper SC/63/SM2 presented to the IWC Scientific Committee, June 2011. 5pp.

MacLeod C.D., Bannon S.M., Brereton T. and **Wall D.** (2007) Using passenger ferries to study seasonal patterns of minke whale occurrence in northwest Europe. *Proceedings of Workshop on Minke Whales at 21st Annual Conference, European Cetacean Society, San Sebastian, Spain.*

NOTES

Wall D. (2006) Leatherback Turtle *Dermochelys coriacea* (L.) sighting off west Cork. *Irish Naturalists Journal*, Vol. 28, No. 7, 308.

Wall D., O'Brien J. & Meade J. (2005) Basking shark *Cetorhinus maximus* (Gunnerus) off Co. Clare, Down and Donegal. *Irish Naturalists Journal*. Vol. 28, No. 3, 131.

Wall D. (2004) Leatherback Turtle (*Dermochelys coriacea*) in Co. Mayo. *Irish Naturalists Journal*. Vol. 27, No. 11, 444.

Wall D. (2004) Risso's Dolphin (*Grampus griseus*) in Co. Wicklow. Irish Naturalists Journal. Vol. 27, No. 9, 366.

REPORTS

Wall D., Murray C., O'Brien J., Kavanagh L., Wilson C., Ryan C., Glanville B., Williams D., Enlander I., O'Connor I., McGrath D., Whooley P. and Berrow S. (2013). Atlas of the distribution and relative abundance of marine mammals in Irish offshore waters 2005 - 2011. Irish Whale and Dolphin Group, Merchants Quay, Kilrush, Co Clare. ISBN 0-9540552-7-6.

Wall, D. and Murray C. (2009) ISCOPE II Work Package 3: Ship and Ferry Surveys. Final report to the ISCOPE II Steering Committee.

Wall D. (2006) Irish Cetacean Genetic Tissue Bank. Final Report to the Heritage Council of Ireland. Project reference 14762.

Wall D. (2004) Summer Distribution and Relative Abundance of Cetaceans off the West Coast of Ireland. Final Report to the Heritage Council of Ireland. Project reference 13552.

Tom Brereton, **Dave Wall**, Pablo Cermeno, Dave Curtis, Antonio Vasquez & Andy Williams (2004) Cetacean monitoring in North-west European waters. Atlantic Research Coalition (ARC) Report Number 1, 2001.

Wall D. (1997) Otter survey of Roaringwater Bay, 1997. Report for Sherkin Island Marine Station.
