

Summary Curriculum Vitae

Name Joseph Caffrey
Affiliation Inland Fisheries Ireland, Swords Business Campus, Swords, Dublin, Ireland
Email joe.caffrey@fisheriesireland.ie
Qualifications BSc Hons, University College Dublin (1975)
PhD, University College Dublin (1990)

Professional Experience

1976 to date: employed in IFI and its predecessors
Function: Senior Scientist in the Research Section of IFI

Areas of Responsibility

As a senior scientist within IFI I have responsibility for a number of research and management areas. These include:

- Aquatic plant management in freshwater habitats
- Coarse or recreational fish species (excl. salmonids, eels and conservation species)
- Pike
- Invasive species.

List of some publications

- Hayden B.**, Pulcini D., KELLY-QUINN M., O'GRADY, M., **CAFFREY J. M.**, McGRATH, A. & MARIANI, S. (2010) Hybridisation between two cyprinid fish in a novel habitat: genetics, morphology, life-history traits. *BMC Evolutionary Biology* (In Review)
- CAFFREY, J.M.**, EVERS, S., MILLANE, M. and MORAN, H. (2011) Management of *Lagarosiphon major* (Ridley) moss in Lough Corrib. *Biology and Environment* **111B** (3), 205 – 212.
- CAFFREY, J.M.**, EVERS, S., MILLANE, M. and MORAN, H. (2011) Current status of Ireland's newest invasive species – the Asian clam (*Corbicula fluminea* (Müller, 1774)) *Aquatic invasions* 6: 3910399.
- HOFSTRA, D., CLAYTON, J. and **CAFFREY, J.M.** (2010). Weed matting. Options for control of submerged aquatic plants. *New Zealand Biosecurity Institute, National Education and Training Seminar*, Blenheim, New Zealand. Abstract.

- CAFFREY, J.M.**, MILLANE, M., EVERS, S., MORAN, H. and BUTLER, M. (2010). A novel approach to aquatic weed control and habitat restoration using biodegradable jute matting. *Aquatic Invasions* 5(2): 123-129.
- BAARS, J.R., and **CAFFREY, J.M.** (2010) The frond-feeding weevil (*Stenopelmus rufinasus* Gyllenhal) (Coleoptera: Eirrhinidae) a natural enemy of *Azolla filiculoides* in Ireland. *Irish Naturalists' Journal* **30**, 142-3.
- BAARS, J.R., COETZEE, J.A., MARTIN, G., HILL, M.P. and **CAFFREY, J.M.** (2010). Natural enemies from South Africa for biological control of *Lagarosiphon major* (Ridl.) Moss ex Wager (Hydrocharitaceae) in Europe. *Hydrobiologia* 656: 149-158.
- CAFFREY JM**, ACEVEDO, S. (2008) *Lagarosiphon major* in Lough Corrib – management options. In: Moriarty C, Rosell R, Gargan P (eds), Fish Stocks and their Environment. Institute of Fisheries Management, pp 85-97.
- CAFFREY, J.M.**, ACEVEDO, S., GALLAGHER, K. and BRITTON, R. (2008). Chub (*Leuciscus cephalus*): a new potentially invasive fish species in Ireland. *Aquatic Invasions* 3(2): 201-209.
- CAFFREY, J.M.**, HAYDEN, B. and WALSH, T. (2007). Dace (*Leuciscus leuciscus* L.): an Invasive Fish Species in Ireland. Irish Freshwater Fisheries, Ecology and Management No. 5. Central Fisheries Board, Dublin, Ireland. 15 pp.
- CAFFREY JM**, MONAHAN, C (2006) Control of *Myriophyllum verticillatum* L. in Irish canals by turion removal. *Hydrobiologia* 570: 211-215, [doi:10.1007/s10750-006-0183-3](https://doi.org/10.1007/s10750-006-0183-3)
- CAFFREY, J.M.** (2002) The spread and management of giant hogweed in Ireland. In C. Moriarity and D.A. Murray (eds.), *Biological Invaders: the impact of exotic species*. Royal Irish Academy, Dublin. 47-52.
- BOYLAN, C.W. and **CAFFREY, J.M.** (2001) The introduction of Giant hogweed into North America : phenology and prognosis for spread. *Exotics in North America*. Abstract.
- CAFFREY, J.M.** (2001) Management of Giant hogweed (*Heracleum mantegazzianum*) in an Irish River catchment. *Journal of Aquatic Plant Management* 39, 28-33.
- CAFFREY, J.M.** (2001) The Tench (*Tinca tinca*). Fisheries Ireland News. Central Fisheries Board, Dublin. P.8.
- CAFFREY, J.M.** and MONAHAN, C. (1999) Filamentous algal control using barley straw. *Hydrobiologia* 415 : 315-318.
- CAFFREY, J.M.**, BARRETT, P.R.F., FERREIRA, M.T., MOREIRA, I.S., MURPHY, K.J. and WADE, P.M. [Editors] (1999) *Biology, Ecology and Management of Aquatic Plants*. Kluwer Academic Publishers, Dordrecht. 339pp.

- CAFFREY, J.M.**, BECKETT, B., O'BOYLE, E. and O'MONGAIN, E. (1999) Contributions to the limnology of Ireland : selected lakes in Cos. Donegal, Sligo, Mayo, Galway, Kerry and Wicklow. *Irish Naturalists Journal* 26 (1), 1-9.
- TIERNEY, D. DONNELLY, R.E. and **CAFFREY, J.M.** (1999) Growth of bream *Abramis brama* (L.), in Irish canals and implications for management. *Fisheries Management and Ecology*, 6, 1-12.
- CAFFREY, J.M.** (1999) Phenology and long-term control of *Heracleum mantegazzianum*. *Hydrobiologia* 415 : 223-228.
- CAFFREY, J.M.** and ALLISON, J.P. (1998) Eutrophication in canals. In *Eutrophication in Irish Waters*. (Ed. C. Mollan) Royal Irish Academy, Dublin.
- CAFFREY, J.M.** and DONNELLY, R.E. (1998) Restoration of an urban canal fishery. In *Stocking and Introductions of Fish* (Ed. I.G. Cowx), Fishing News Books.
- DONNELLY, R.E., **CAFFREY, J.M.** and TIERNEY, D.M. (1998) Movements of a bream (*Abramis brama* (L.), rudd x bream hybrid, tench (*Tinca tinca* (L.) and pike (*Esox lucius* (L.) in an Irish canal habitat. *Hydrobiologia* 371/372: 305-308, 1998.
- CAFFREY, J.M.** and JOHNSTON, B. (1998) The Grand and Royal Canals : An Ecological Perspective. In: *Studies of Irish Rivers and Lakes*. (Ed. C. Moriarty) Marine Institute, Dublin.
- CAFFREY, J.M.**, ALLISON, J.P., DONNELLY, R.E., TIERNEY, D.M. and MONAHAN, C. (1998) Development and management of recreational angling in Irish canals. In *Recreational Fisheries : Social, Economic and Management Aspects* (Eds. P. Hickley & H. Tompkins). Fishing News Books, pp.214-226.
- CAFFREY, J.M.** (1996) Glyphosate in fisheries management. *Hydrobiologia* 340, 259-263.
- CAFFREY, J.M.** and BEGLIN, T. (1996) Bankside stabilisation through reed transplantation in a newly constructed Irish canal habitat. *Hydrobiologia* 340, 349-354.
- CAFFREY, J.M.**, BARRETT, P.R.F., MURPHY, K.J. and WADE, P.M. (eds.) (1996) *Management and Ecology of Freshwater Plants*. Development in Hydrobiology, Kluwer Academic Publishers, Dordrecht. 354pp.
- CAFFREY, J.M.**, CONNEELY, J.J. and CONNOLLY, B. (1996) Radio telemetric determination of bream (*Abramis brama* L.) movements in Irish canals. In *Underwater Biotelemetry* (Eds. E. Baras, J.C. Phillippart) 59-65.
- MONAHAN, C. and **CAFFREY, J.M.** (1996) The effect of weed control practices on macroinvertebrate communities in Irish canals. *Hydrobiologia* 340, 205-211.