

**John Harraway F.Arbor.A, MICFor, Dip.Arb (RFS)**

**Qualifications and Experience**

**Professional qualifications:**

Professional Diploma in Arboriculture (Royal Forestry Society), 1984  
Certificate in Arboriculture (Royal Forestry Society), 1979  
Certificate in Tree Surgery (City and Guilds), 1972

**Professional memberships:**

Fellow of the Arboricultural Association  
Chartered Member and Registered Consultant of the Institute of Chartered Foresters  
Member of the Expert Witness Institute

**Professional appointments:**

External Examiner (Foundation degree in arboriculture), Plumpton College  
UK Delegate to the European Arboricultural Council, 1993-1999  
Member of the Professional Committee, Arboricultural Association, 1996-1999  
Examiner for the European Tree Worker Certificate

**Experience:**

I have been employed in arboriculture since 1969. Approximately ten years craft experience (including four years working overseas, in Holland and Denmark) was followed by ten years as a local authority tree officer, in Brighton and Worthing.

During my six years at Brighton Council I was closely involved in the Parks Department's highly successful management of Dutch Elm Disease. The Brighton conurbation is almost unique in Europe for the percentage of elms it has preserved, in the face of a virulent fungus, which has laid waste to most urban and rural elm populations.

Further to a period as a lecturer in arboriculture at Capel Manor College, Enfield, I have worked as an independent consultant and training provider for a wide variety of clients in the private, local authority and government sectors. Recent clients include The National Trust, Sussex Wildlife Trust, Welwyn Hatfield District Council, Brighton and Hove City Council and Rochester Cathedral.

I held a contract with The Royal Parks Agency for fourteen years (1995-2009), for the supply of tree inspection services within Greenwich Park, St. James's Park, Hyde Park and Kensington Gardens.

Harraway Trees supplies detailed hazard tree assessments and decay evaluation using the latest diagnostic techniques, including micro-drilling, ultrasound and sonic tomography. We currently have the following instruments available for use:

- Two Picus sonic tomography units, with up to 30 measuring points and digital callipers
- Treetric electrical impedance tomography instrument
- Two IML Resistograph decay detecting drills (F300 and PD400)
- IML Micro Hammer stress wave timer
- Arborsonic decay detector
- Soil-Pick pneumatic soil lance

We also provide tree surveys and plans, using GPS-enabled mapping techniques for general tree management and to inform and accompany applications for development (to BS:5837: Trees in relation to construction - Recommendations).

Although based in the UK, I have carried out tree survey, decay evaluation and craft training work for a number of clients in recent years in Sweden, Finland and Spain, including a large-scale tree survey in Helsinki, Finland.

I have been a speaker at four national conferences organised by the Arboricultural Association, on the subjects of education and training in arboriculture, pruning techniques for mature trees, decay evaluation in standing trees and the impact of European lifting and lowering regulations on UK arboriculture.

The paper on lifting regulations was subsequently published in The International Journal of Urban Forestry (volume 26, number 2) under the title 'Taking the Strain out of Lifting'.

**Recent events attended (Continuing Professional Development):**

- Advanced Visual Tree Assessment, Prof. Claus Mattheck, Niederhavelbeck, Germany, October 14-15 2013
- Dynamic Structural Analysis of Trees Subject to Wind Loading and the Biomechanical Implications, Dr Ken James, ICF, Ely, April 12 2013
- Threats to London's Trees seminar, Guildhall, London, January 24 2013
- Tree tomography workshop, Dr D. Fermer *et al*, Cantley House Hotel, Berkshire, October 11-12 2012
- BS5837:2012/Tree Preservation Order amendments update, Arboricultural Association, 2 May 2012, Ardingly
- Tree Biomechanics seminar, ISA Italy, Florence, June 20-23 2011