Study Workshop

Soil Health & Tree Disease

Greenwich Park Sweet Chestnut Dieback

Soil assessment approaches

Greenwich Park

6th June 2018

Morning

Howe Lecture Theatre, Queen Anne Court, University of Greenwich, SE10 9LS

15 minutes' walk from Greenwich Park site

9 am	Coffee	
9.30 am	**Background to Royal Parks challenges** • *Greenwich Park land use history* • *Visitor impacts,* • *Tree dieback, management implications above & below ground* • *Sweet Chestnut Ink Disease (SCID) remediation study* • *Soil – a tree-sector blind spot*	Ian Roger *Royal Parks Arboricultural Manager* Nev Fay *Treework Environmental Practice*
10.00 am	**SCID Phytophthora disease implications** • *For tree dieback* • *Treatment approaches, the tree injection method*	Prof Lucio Montecchio *University of Padua / CIRPAM*
11.00 am	**Soil science** • *Understanding soil function* • *Brief overview of soil health assessment*	Dr Elizabeth Stockdale *NIAB Head of Farming Systems Research* *Sustainable Soils Alliance Science Panel*
12.00 pm	Lunch	

Afternoon

Greenwich Park Study Site

1.00 – 4.00pm Three Groups	**Group 1:** *Phytophthora diagnosis and tree injection methodology* *Tree injections – supervised demonstrations involving delegates in device use*	Prof Lucio Montecchio *Dr Elisa Dal Maso* *De Rebus Plantarum*
	Group 2: *Soil pit inspection* *Interpretation of soil profiles, field indicators of soil function and health*	Dr Elizabeth Stockdale *NIAB*
	Group 3: *The SCID study* *Study groups, tree inspection methods, soil treatment approaches, soil sampling and lab analysis; 'Pop-up soil lab'*	Neville Fay Ian Roger Simon Parfey *SoilBioLab*
4.00pm-4.30 pm	Summary – Q & A	All