CONSTRUCTED WETLAND ASSOCIATION

CWA 12th Annual Conference

11 – 12th October 2016, Manchester Town Hall

Tuesday 11th October

09.40 – 09.55 **Welcome / introduction to the CWA**
Sweaney, G., Murphy, C., CWA

09.55 – 10.20 **On the design and performance of vertical flow reed-beds**
Hudson, R., Cress Water Solutions

10.20 – 10.45 **The implementation of Rural Sustainable Drainage Systems to help reduce diffuse pollution from Scottish agriculture**
Moir, S., Moir Environmental Ltd

10.45 – 11.15 Morning break & exhibition

11.15 – 11.40 **Modelling the effects of real vegetation on residence times in ponds and wetlands**
Sonnenwald, F., Hart, H.[2], Guymer, I.[2], Stovin, V.[1], [1]The University of Sheffield, [2]University of Warwick

11.40 – 12.05 **Pesticide monitoring and removal across an agricultural pond according to rainfall events**
Cosgrove, S., Jarvis, P., Jefferson, B., Cranfield University

12.05 – 12.30 **Dairy wastewater remediation, consent compliance and resource saving of a 1.25ha Constructed Wetland**
Forbes, G., and Mulholland, M., Department of Agriculture and Rural Development (DARD) Northern Ireland

12.30 – 13.30 Lunch & exhibition

13.30 – 13.55 **Adapted wetland and active filter AS Eco-processes for the treatment of salted highway runoff: an integrated watershed approach**
Galvez, R., and Roy, S., Laval University, Canada

13.55 – 14.20 **New aerated wetland approaches for the treatment of de-icer contaminated storm runoff from airports**
Freeman, A.I.[1], Surridge, B.W.J[1], Matthews, M.[2], Stewart, M.[3], Haygarth, P.M.[3], [1]Lancaster Environment Centre, Lancaster University, [2]Peak Associates Environmental Consultants ltd, [3]Manchester Airport Group Plc

14.20 – 14.45 **Multi-scale investigations of divalent metal attenuation in vertical flow constructed wetlands**
Gandy, C.J. and Jarvis, A.P., Newcastle University

14.45 – 15.15 Afternoon break & exhibition

15.15 – 15.40 **Standardised approach for treatment of small sewage discharges using constructed wetlands**
Sweaney, G., Director, Wetland Engineering

15.40 – 16.05 **Low Carbon Design in Constructed Wetlands**
Naismith, D.[1], Nicholls, H.[2], [1]WWT Consulting, [2]Grow Bristol

16.05 – 17.00 Drinks reception

Wednesday 12th October

09.00 – 09.25 **Designing for multiple benefits**
Malsen, S., JBA Consulting

09.25 – 09.50 **Constructed Wetlands to improve river water quality, Enfield, North East London**
Bryden, J.[1], and Russell, I.[2], [1]Thames 21, [2]Enfield Council

09.50 – 10.15 **Conservation value of constructed reedbeds**
Athorn, M., University of Nottingham

10.15 – 10.40 **The role of constructed wetlands in catchment management**
McIlwraite, C., Eden Rivers Trust

10.40 – 11.10 Morning break & exhibition

11.10 – 11.35 **Habitat Restoration in the Wigan Wetlands: Restoring the Post-Industrial Landscape for Wildlife Conservation: A Case Study**
Champion, M.H., The Wildlife Trust for Lancashire

11.35 – 12.00 **Introduction to Salford Flood Alleviation Wetlands**
Simpson, M., Wildfowl and Wetlands Trust

12.0 – 12.40 Lunch & exhibition

12.45 – 17.00 **Afternoon site visits to Salford Wetlands and Wigan Flashes Wetland Restoration** – meet outside the main entrance to the Town Hall (Mount Street)