



Annual Conference

16-17 Oct 2024

Knight's Hill Hotel and Spa, King's Lynn, Norfolk, PE30 3HQ

Official Programme

Day One

16th October

Time	Topic	Speaker
09:15	Registration and coffee	~
09.50	Welcome	Gaby Dotro Chair of CWA Cranfield University
MORNING SESSION		
10.00	Keynote: “How guidelines based on field-scale experience have made combined sewer overflow treatment wetlands a success”	Katharina Tondera Ecole Nationale des Travaux Publics de l'Etat
10.40	Presentation 1: Treatment wetlands for stormwater and CSO treatment - challenges, case studies and opportunities	Andy Freeman ARM Reedbeds Ltd.
11.05	Presentation 2: Quantification of Phosphorus Removal and Storage in Surface Flow Treatment Wetlands	Ayisha Affo Souleymane Cranfield University
11.30	Group 1 to Wetland site	Group 2 - poster review
12.00	Tour of Wetland site	Group 2 - lunch and poster review
12.30	Tour of Wetland site	Group 2 to Wetland site
13.00	Group 1 leave wetland site	Group 2 tour of wetland site
13.30	Group 1 lunch and poster review	Group 2 tour of wetland site
14.00	Group 1 poster review	Group 2 leave Wetland site
15.00	Group 1 poster review	Group 2 refreshments
AFTERNOON SESSION		
15.15	Presentation 3: : A pilot-scale hybrid treatment wetland system for pharmaceutical industrial wastewater treatment in Jordan	Othman Almashaqbeh Royal Scientific Society
15.40	Presentation 4: Nature-based Solutions for Tackling Biological Emerging Contaminants	Tao Lyu Cranfield University
16.05	Facilitate Discussion: Wetlands - stance in the "new" government.	CWA Committee
16.45	Day wrap up	Gaby Dotro Cranfield University
19.00	Conference Dinner - Meal at Knight's Hall	

Day Two

17th October

Time	Topic	Speaker
9.00	Registration and coffee	~
9.30	Welcome	Gaby Dotro Cranfield University
MORNING SESSION		
9.40	Keynote: Enabling Wetland Success – a green financier’s perspective (subject to change)	Jack Potter Wild Capital UK
10.15	Presentation 5: The moving wetland – concept and the blockers provided by biodiversity net gain legislation and how we seek to navigate them	Steven Spall Severn Trent Water
10.35	Coffee Break	
10.50	Presentation 6: Somerset Levels and Moors Wetland project	Lorraine Isgar Wessex Water
11.15	Presentation 7: Developing Tools to Support Greater Use of NbS in the Water Industry - Breaking Through Barriers	Ralitza Nikolova-Kuscu David Naismith Mott MacDonald
11.40	Poster Session and PG presentations	Facilitator: Sarah Belton
12.00	Lunch and Poster Exhibition	
12.45	Panel: Removing Barriers to Delivering Wider benefits in Treatment Wetlands 5 mins per panel member and 30 mins discussion)	Joff Evadane (Southern Water); Jonah Tosney (Norfolk Rivers Trust); Nora Balboni (Storm Shepherds), Liz Duberley (Herefordshire Council)
14.00-15.00	Material creation and world café	Lucy Crockford Harper Adams University
15.00	Coffee break	
AFTERNOON SESSION		
15.20	Presentation 8: 10 Years of Constructed Wetlands in Norfolk: Lessons Learnt and Next Steps	Liam Hall Norfolk Rivers Trust
15.40	Presentation 9: Influence of woody constructed wetlands on methane emissions	Bruno Boaretto Santos University of Birmingham
16.00	Conference wrap up	Gaby Dotro Cranfield University
16.10	Conference End	~

Keynote Speakers

“How guidelines based on field-scale experience have made combined sewer overflow treatment wetlands a success”

Dr Katharina Tondera

Ecole Nationale des Travaux Publics de l'Etat



Prof. Dr. Katharina Tondera became interested in treatment wetlands (TWs) and related Nature-based Solutions (NbS) for highly variable stormwater and wastewater flows in urban environments during her time as a research assistant at RWTH Aachen University in Germany. As part of her PhD thesis, she conducted one of the first investigations on micropollutant retention in TWs for combined sewer overflows. Post-doc studies in Australia (University of the Sunshine Coast) and France (IMT Atlantique Nantes, INRAE, INSA Lyon) on optimising removal mechanisms of different TW types followed. Since 2023, she has been continuing her research as a professor of the engineering school [ENTPE](#) in the metropolitan area of Lyon. In parallel to her scientific commitment, Katharina Tondera has played a very active role in enhancing and promoting TWs and other NbS as a member of several working and specialist groups, including the IWA Working Group on NbS for Water and Sanitation, the Specialist Group on Wetlands for Water Pollution Control and the German DWA guideline group on wetlands for stormwater and CSO treatment. She has been involved in the development of several guidelines and dissemination activities such as co-editing of books and organisation of webinar series on these topics.

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“Enabling Wetland Success – a green financier’s perspective”

Mr Jack Potter

Wild Capital



Jack Potter is an ecological problem solver, innovator and self-proclaimed nature nerd. His life mission is to have environmental impact, at scale, forever. With a history in the public sector creating the policies and tools for biodiversity net gain and nutrient neutrality in the UK, he has a deep understanding of the development sector offsetting industry drivers and mechanisms.

Jack co-founded Wild Capital to not only translate these policies and tools into practice but to strive for excellence with the highest level of integrity and the best environmental outcomes. Legislation and policy alone are not enough; it takes will and passion to deliver exceptional outcomes for the environment and an exceptional service to clients to scale. These are the founding principles of Wild Capital.

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