

Getting a good deal for agriculture and the environment

13 - 14 November 2018 Hilton Brighton Metropole Brighton, UK





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## Welcome to The BCPC Congress 2018

Dear Delegates, Speakers and Sponsors

On behalf of the BCPC and TSGE Forum, a very warm welcome to everyone attending and contributing to our 2018 Congress. We are particularly pleased this year to have inputs and speakers sponsored by the UK Agriculture and Horticulture Board (AHDB) and to welcome the Association of Applied Biologists (AAB), who have located their popular Crop Protection in Southern Britain event alongside the Congress. We warmly welcome delegates from both organisations, in addition to our traditional EU Regulatory audience.

Of course, it is inevitable that Brexit again features significantly in our programme — but we have ensured that other important aspects of EU regulation are not neglected. We have a range of speakers on science and policy for regulation and support for crop protection, production and the environment, all topics of interest to the wider agricultural communities.

Increasing the involvement of related organisations, with associated broadening of the Congress agenda and delegate base, will be a continuing trend, reinforcing the BCPC Congress tradition of bringing together a diversity of participants in one annual, dedicated event.

This year, we have as always been keen to provide ample opportunities to interact with colleagues, at the Receptions and the AAB Dinner as well as the sessions themselves and their breaks. I sincerely hope you enjoy and benefit from your time with us.



Dr Colin Ruscoe — President, BCPC

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Johan Axelman (Swedish Chemicals Agency)

Johan has been Strategic Adviser at the Swedish Chemicals Agency (Keml) since 2015. He is focused on improving the quality and

efficiency of environmental risk assessments and the risk management of plant protection products. Johan is a biologist and environmental chemist, and before joining Keml in 2006, he worked as an application scientist at GE Healthcare in Sweden and as a research group leader at Stockholm University.

He has also held management positions in the department for pesticide authorisations at KEMI.



Dave Bench (Chemicals at Health and Safety Executive)

Dave currently leads the Health and Safety Executive's (HSE) work to ensure that the UK chemicals regulation

framework is operable and effective after the UK leaves the EU. From 2011 to March 2017 Dave led HSE's Chemicals Regulation Division (CRD) – the UK regulatory authority for plant protection products, biocides, detergents and industrial chemicals.

Dave has spent most of his career leading specialist teams and in strategic policy roles. After graduating from York University (applied & environmental biology) he spent the first 10 years of his career in technical roles dealing with risk assessment of chemicals. Throughout the rest of his career he has been responsible for policy development and delivery of regulatory regimes in a range of areas, including genetic modification in agriculture, animal health, marine, and particularly chemicals.



Dr Susannah Bolton (ADHB)

Susannah is Knowledge Exchange (KE) Director for the Agriculture and Horticulture Development Board (AHDB), coordinating KE activities across crop

and livestock sectors to ensure optimum uptake of technical innovation and business improvement on farms. She has a long history of working at the interface of research and practice in agriculture, and has been actively engaged in the development of R&D programmes designed to make a difference to farmers.

Susannah has a PhD in Tropical Agriculture Systems, and has studied subsistence agriculture in the Amazon. She was responsible for international projects, KE and public engagement at Rothamsted Research between 1993 and 2009, when she joined AHDB as Head of Research for HGCA. She was responsible for the delivery of a number of key projects including the Recommended Lists of Cereals and Oilseeds, and she took on her current cross-sector role in 2016.



Ludovic Bonin (ARVALIS - Institut du vegetal)

Ludovic is an agronomist and has been with ARVALIS, based in Lyon, for 15 years. He works in the area of weed control and

PGR in cereals, and is also involved in the study of new herbicides, including biocontrol and resistance. He is also trial manager for non-chemical methods. Ludovic is the ARVALIS National Coordinator for weed control, chemical & non-chemical methods, and is involved in national projects related to mechanical weeding and weed knowledge. He has also worked on a H2020 project IWMPRAISE (Integrated Weed Management: PRActical Implementation and Solutions for Europe), since 2017.

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Jean-Pierre Busnardo (Corteva Agriscience)

Jean-Pierre is a European Regulatory Affairs Leader for Corteva Agriscience, the agriculture division of DowDuPont™, in Brussels. He is an agronomist who

started his career in Africa where he conducted agronomic research on tropical food crops. He joined the crop protection industry in 1986, and worked for various companies before joining DuPont in 1993. He has held portfolio regulatory assignments at national, European and global level, before taking on his current role in 2003. Jean-Pierre is a member of the Regulatory Policy Team of the European Crop Protection Association (ECPA).



Dr Michael Carroll (Arysta LifeScience)

Mike currently works for Arysta LifeScience as a global regulatory manager based in the UK. He has previously worked for Dow AgroSciences

and Monsanto in agrochemical regulatory affairs and project management. He holds BSc and PhD degrees in biochemistry from the UK universities of Bath and London respectively, and has worked in the UK, Germany, Belgium and the USA. Mike has over 30 years' experience in the pharmaceutical and agrochemical industries. He is particularly interested in how regulatory processes differ from country to country, and the importance of politics in the regulatory process.



Henry Dieudonné-Demaria (Defra)

Henry is Secretary to the Natural Capital Committee, supporting the independent experts advising the Government on its 25 year environment plan. Henry

has worked across departments including the Office of the Deputy Prime Minister, HM Treasury and Defra. A focus of his career has been in environment and development, alongside roles in public investment, strategy and institutional reform. Henry holds degrees

in international development from Cambridge – where he is a Continuing Fellow of the Centre for Science and Policy – and in anthropology and philosophy from St Andrews.



David Esdaile (CITOXLab)

David has over 35 years' experience in Agrochemical Toxicology, as head of toxicology at Shell Research in Sittingbourne, UK, then as head of predictive

and explanatory toxicology at the Sophia Antipolis research centre (Rhone Poulenc, Aventis, then Bayer Crop Science). He has also been Director of Science and Regulatory Affairs at Citoxlab in Hungary.



Dr Olaf Fuelling (tier3 solutions GmbH)

Olaf studied biology at the German universities of Bonn and Jena in the 1990s. He focused on small mammals, and conducted field work in tropical Africa,

as well as in northern Norway. After he completed his PhD in 2000, he worked with Dr Christian Wolf at Bayer Crop Science where they established field studies on small mammals for ecotoxicological risk assessments. Olaf then joined the Swedish university of Umeå and the Swiss university of Bern, after which he joined tier3 solutions in 2014. At the tier3 solutions GmbH Olaf runs field studies as senior study director and supports the dossier writing and the modelling teams in mammalian issues.

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Dr Martyn Griffiths (Bayer CropScience)

Martyn graduated from the University of Newcastle upon Tyne and obtained his doctorate in the field of liquid fertilisers from Harper Adams College.

His involvement in crop protection started 29 years ago with Schering. After five years of field development, he moved to Frankfurt in Germany with AgrEvo, where he had a number of roles, including responsibility for registrations in China, Taiwan and Korea. When Bayer Crop Science was formed, he worked in the European Regulatory Affairs team in Lyon in France. His current position is Senior Regulatory Policy Manager in EMEA Regulatory Science. Martyn is chairman of the ECPA Regulatory Policy Team.



Dr Chris Hartfield (NFU)

Chris's career in the farming industry began in research, with six years working on the biocontrol of pest insects. He then spent four years working with farmers

to deliver UK Government agri-environment schemes, before joining the National Farmers' Union 14 years ago. Most of his NFU career has been in horticultural policy, and Chris has led that team for two years. In 2017 he moved to join a new NFU plant health unit as senior regulatory affairs adviser. He also headed up the NFU's science and regulatory affairs team for a while.

His work focuses on the regulatory process and its implications for the availability and use of crop protection products. Chris also concentrates on the relationship with UK regulatory authorities, EU institutions and international regimes, and is the NFU policy lead on Brexit implications for pesticides. For the last 10 years he's also led the NFU's work on bee health and insect pollinators.



Dr Gerco Hoogeweg (Waterborne Environmental, Inc.)

Gerco received his MSc from Wageningen University and Research Centre, and his PhD from the University of Florida.

He has spent over 20 years working with Geographic Information Systems (GIS) in agriculture, environment quality, endangered species assessments, health, spatial data infrastructure, web-based GIS, and emergency management.

Gerco has a professional interest in the application of distributed modelling (using PEARL, PRZM etc) to help in the assessment of chemicals in the environment. He also conducts ecoregion and GIS-based soil crosswalks.



Hans Mattaar (ECCA)

Hans graduated from Wageningen Agricultural University in 1984, and joined the crop protection division of Rhône-Poulenc as Regulatory Affairs

Expert for the Netherlands. He then moved to product defence for the Benelux countries, and in 1992 he joined the European Regulatory Team as a coordinator for European regulatory affairs. Hans then held the position of European Public & Governmental Affairs (PGA) Manager and Regulatory Strategy Manager for seven years when the company became part of Bayer Crop Science. In January 2008 he left Bayer to pursue a career as Senior Advisor with Pappas & Associates, Attorneys at Law, in Brussels. Since June 2012 he has also held the position of Technical Director for ECCA.

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## Steve Norman (RidgewayEco)

Steve is an ecotoxicologist based in Oxfordshire, UK, working as a consultant to the crop protection industry. He is a passionate advocate of risk assessments and

mitigations grounded in agronomic and ecological reality. His career began in 1990 with 10 years at the UK Pesticides Safety Directorate (now known as CRD). Most of this time was dedicated to ecotoxicology including drafting EU guidance and the LERAP scheme. In 2001, he moved to Makhteshim Agan, based in Brussels. For eight years he was responsible for risk assessment and study generation across a diverse pesticide portfolio.

In 2009 Steve moved to Dow AgroSciences in the UK, where he designed and managed higher-tier ecotoxicology studies, particularly for chlorpyrifos. He also championed the 'Say No to Drift' campaign, which triggered a sharp increase in the uptake of low-drift nozzles by UK orchard growers. Through his consultancy business, RidgewayEco, Steve designs and manages higher-tier programs, including wildlife field studies and aquatic microcosms, for a range of clients.



Tony Pexton OBE (BCPC)

Tony is a Yorkshire farmer who oversees the the family business. He is Chairman of NIAB Trust, and a former Chairman of NIAB. He was also Chairman of the

Sustainable Arable Link Research and Development Programme Management Committee for Defra until the LINK programme was disbanded.

He was elected to the NFU Council in 1981 and went on to serve as Chairman of the National Cereal Committee from 1987 to 1992, and as Vice-President and Deputy President between 1992 and 2000. Tony has also served on the Council of the Oxford Farming Conference; he was Chairman in 2002, a Board member of Assured Food Standards, and Chairman of the Assured Combinable Crops Scheme. Between 2002 and 2004 he was President of the Guild of

Agricultural Journalists, and was appointed Chairman of the Farmers' Club in 2007. In 2005, he was awarded the OBE for services to agriculture.



Nick Pyke (FAR NZ)

Nick was CEO of the Foundation for Arable Research (FAR) in New Zealand until early 2018. FAR is the levy body in New Zealand responsible for

investing in research and knowledge exchange for cropping farmers and the industry. Nick led FAR since its formation in 1995. He has also held a number of positions on Government panels and on governance boards. He was awarded a Member of the New Zealand Order of Merit for service to the cropping industry in 2017.



Dr Colin Ruscoe (BCPC)

Colin is Executive Chairman and President of the BCPC (British Crop Production Council), Communications Director for SynTech Research

Inc, and the Chair of the Scientific Committee for IVCC (Innovative Vector Control Consortium). He also works as a business development consultant for bioscience, media and charitable organizations. Colin has previously held roles at management level for research stations, in business planning and global and European product development, as well as conducting bioscience research and insecticide discovery, for companies including Syngenta, Zeneca, and ICI Agrochemicals.

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Ewelina Sobczak (Syngenta)

Ewelina is currently an EAME Regulatory Manager at Syngenta Crop Protection AG. She graduated in 2008 from the Warsaw University of

Life Science in Poland with a Master's degree in Horticulture. In 2010, she completed a post-grad study in REACH and CLP. Ewelina's career at BASF Poland began in the technical department, focused on biological assessment dossiers. She was then a manager responsible for various aspects of product biology at both country and territory level. Since 2013 Ewelina has worked at Syngenta headquarters in the European regulatory team, starting as Product Submission Manager and then as Regulatory Manager for the EU herbicides portfolio. She also is a member of the ECPA Chemical Legislation Group.



lain Watt (TSG Consulting)

lain has worked for 30 years in the crop protection sector in the UK and overseas, including research, agricultural/horticultural extension and,

latterly, industry. He recently joined TSG from Fine Agrochemicals Ltd, where he spent the past 14 years as Regulatory Affairs Manager. He brings extensive experience of plant protection product authorization processes from global markets, with particular focus on the EU and the US. Prior to this, he spent two years as Regulatory Affairs Manager with The Crop Protection Association, where he acted as liaison between UK crop protection companies and UK regulatory authorities.

lain's original degree is in Zoology from Aberdeen University, and he also holds a postgraduate MSc from Imperial College in Applied Entomology.



Dr Emma Wright (Fera Science Ltd)

Emma is a bee ecotoxicologist and GLP study director at Fera Science Ltd (previously the Food and Environment Research Agency). She

has been responsible for laboratory studies following OECD guidelines. These include acute contact and oral honeybee and bumblebee studies, and chronic 10-day feedings studies for honeybees. She is currently working on a bespoke semi-field study examining the attractiveness of ant baits to honeybees.

Emma is also part of several ICPPR working groups, including one developing non-apis tests such as a chronic feeding test for bumblebees, and one developing an RFID method, using radio frequency ID tags to monitor honeybees in the field and detect sub-lethal effects of pesticides.

Emma's background is in honeybee pathology and behaviour. She completed a PhD with Warwick University based at Rothamsted Research. Part of this thesis used the proboscis extension method to examine the impact of disease on honeybee learning and memory.



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- Gamma irradiation

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## Monday 12 November 2018

19.30 - 19.30   Pre-event Welcome Prinks Reception - sponsored by CitoxLab and Innovate UK		Wienady 12 November	2010	
Day 1 = Tuesday 13 November 2018  07.45 - 09.00 Registration and Refreshments  09.00 - 09.15 Welcome and Introduction - <i>Dr. Colin Ruscoe (BCPC)</i> Chair: <i>Dr. Susannah Botton (ADHB)</i> 09.15 - 09.45 Agrichemicals and cropping in a small, non-subsidised New Zealand market Nick Pyke (FAR NZ)  09.45 - 10.15 Anticipating the withdrawal of glyphosate in France: some technical and economic elements Ludoric Bonin (ARVALIS - Institut du vegetal)  10.15 - 10.30 Q&A Session  10.30 - 11.00 Morning Break Chair: Tony Pexton (BCPC)  11.00 - 11.30 The UK Agricultural Bill - delivering a "Green Brexit" Henry Dieudonne-Demaria (Detra)  11.30 - 12.00  12.30 Brexit Dave Bench (Chemicals at Health and Salety Executive)  12.00 - 12.30 How will Breat change crop protection for UK farmers and growers?  12.45 - 14.00  12.30 - 12.45 Q&A Session  12.45 - 14.00  14.00 - 14.30 REFIT of Pesticides Legislation - An Industry analysis of information and opinions collected Jean-Pierre Busnardo (Corteva Agriscience)  14.30 - 15.00 Initiatives for enhancing the transparency of regulatory information and decision-making - Review and assessment by the Crop Protection Industry Dr Martyn Griffiths (Bayer CropScience)  15.00 - 15.30 Atternoon Break  15.30 - 16.00  Why we need a data call in system in the EU, soon Hans Mattaar (ECCA)  16.00 - 16.30 The Regulation of co-formulants used in Plant Protection Products: Progress update - views of industry Evelina Sobczak (Syngents)  16.30 - 17.00  Why we are NOT going to get a data call in system in the EU anytime soon Dr Michael Carroll (Aryzet LifeScience)  17.00 - 17.30  Can we improve protection of the environment and streamline the evaluation process for PPPs? Joban Aselman (Swedsh Chemicals Agency)  17.00 - 17.30  Can we improve protection of the environment and streamline the evaluation process for PPPs? Joban Aselman (Swedsh Chemicals Agency)	18.30 - 19.30	Pre-event Welcome Drinks Reception - sponsored by CitoxLab and Innovate UK		
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and streamline the evaluation process for PPPs?  Johan Axelman (Swedish Chemicals Agency)	16.30 - 17.00	system in the EU anytime soon	solutions – Example of a field-effect	
17.45 - 19.00 Drinks Reception - sponsored by TSG Consulting	17.00 - 17.30	and streamline the evaluation process for PPPs?		
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Getting a good deal for agriculture and the environment

## Day 2 - Wednesday 14 November 2018

07.45 - 09.00	Registration and Refreshments	
09.00 - 09.15	Chairman's Introduction Dr Colin Ruscoe (BCPC)	
09.15 - 12.00	Workshop CRD (Chemicals Regulation Directorate, UK HSE)	
	This workshop will examine some of the issues for plant protection products arising from the UK leaving the EU. Key aspects of the approach being taken by HSE and Defra will be outlined. Delegates' reaction to the implications of a negotiated settlement or no deal outcome will be explored.	
12.00 - 12.15	Close of Congress Dr Colin Ruscoe (BCPC)	
12.15 - 14.00	Lunch	

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