

1. CV Biography of author Jeff Charlton

DISASTER RECOVERY, WATER & FLOOD DAMAGE, INDOOR AIR QUALITY RISK ASSESSMENT, DECONTAMINATION, RESTORATION AND CBR DEFENCE

- Over 30 years worldwide experience in disaster recovery and restoration involving floods, fires and explosions as well as general and specific decontamination and sanitation, including mould and associated biological contaminants.
- Trained with internationally recognised industry leaders such as Cliff Zoltnick, Pat Moffat, Marty King, Jim Holland and Professor Ronald Alvin and Tony Gibbs (Porton Down) in all areas of disaster recovery, restoration and decontamination.
- Obtained highest practical and technically appropriate qualifications throughout career. I have been involved with mould & biological health issues since 1999. Initially obtained US qualifications, as Britain had none.
- Made initial funding available and became founding chairman of British Damage Management Association UK.
- Achieved accredited associate membership with Chartered Institute of Environmental Health and USA Board Certified (ANSI) Certified Indoor Environmental Hygienist
- Post-Gulf War in Kuwait at times employing over 500 decontamination personnel working in hazardous conditions to restore hotels, oil fields and strategic government buildings. Provide scope of works to US Corps of Engineers for restoration of Emirs' palaces, Ministries of Electricity and Water and ministry of Awqaf and Islamic affairs.
- Working with world-wide organisations, exposed to the very best technology and forensic investigators and have applied their technologies, approach and resources in the UK.
- Skilled in using state of the art analysis and measurement technology and equipment, having established strong links with specialists in affiliated industries to provide supporting expertise and evidence, including utilising ISO accredited laboratories, particularly in Indoor Air Quality (IAQ) testing.
- Acted as both consulting and testifying expert in various disputes, including testimony as Sole Joint Expert under Part 35 and including the Financial Ombudsman, in cases involving building related damage, design and construction defects, toxic mould identification and analysis, and related health effects.
- Successfully challenged UK experts and laboratories on possible building contamination and exposure issues, providing clear evidence and repeatable laboratory analysis complying with the World Health Organization Guidelines for Indoor Air Quality "Dampness and Mould" (2009) and reflecting British Standards.
- Peer-voted awards, including CIR Lifetime Achievement Award (2013), CIR Disaster Recovery of the Year (2001, 1999) shortlist (2002), as well as awards for Innovative Product (BANG 2010, CIR 2010, and CBON 2001, training in counter terrorism).
- Participate on Standards Setting professional bodies; training; emergency planning seminars.
- Invited to speak in House of Commons at Parliamentary Joint Committee on Flood Insurance headed by Jonathan Evans MP to provide evidence on flood restoration and criticising industry response February 2014

- Frequent guest on Sky TV, BBC TV and radio, ITV and Channel 4.
- Participated as invited technical expert to EU and British standards committees on diverse issues covering Business Continuity, Disaster Recovery and Counter Terrorism and victim support and response to terrorist CBR event.
- Visiting lecturer in counter terrorism at Cranfield Royal Military College under Tony Moore, speaker at various international conferences on counter terrorism and specializing in CBRN events and pandemic contingency planning, including FBI and Homeland Defence.
- Short listed Emergency Planning Society in 2014 Innovative training awards in disaster recovery
- Designed and presented novel solutions to Car bomb and road side IEDs to Ministry of Defence at Porton Down 2011

- **SELECTED PROFESSIONAL QUALIFICATION AND ACCREDITATIONS**

Please note all subscriptions and positions ceased

- **Recovery and Restoration.** The following 0certifications cover all aspects of disaster recovery and restoration:
 - Certified Restorer USA (highest recognised industry certification)
 - BDMA Senior Technician UK (Co-founded BDMA; Honorary Fellow; wrote the syllabus and exam questions)
- **Business Continuity.** Certified member BCI (relinquished)
- Chair London Forum Business Continuity Institute (relinquished)
- Co-founder BANG (alternative to BCI)

Water Damage.

- Water Loss Specialist (RIA ASCR) Highest USA certification
- Applied Structural Drying Hydro lab USA
- Achieved Instructor status (95%+ with: IICRC; RIA; Drieaze;
- Provided technical input to IICRC S500 ANSI and S520 standards
- Wrote BDMA's current Technical Guidelines and Standards 2014, (BDMA refused to accept at executive level due to my refusal to drop toxic mould issues)

Environmental Hygienist

- Accredited Associate Chartered Institute of Environmental Hygienists (UK)
- Council Certified Indoor Environmental Hygienist (USA) (ANSI)

Fire Damage.

- IICRC Instructor status

Mould.

- Indoor Environmental Surveys ET&T USA
- American Congress of Governmental Industrial Hygienists 2002
- Applied Microbial remediation Technician Restoration Consultants S520 USA
- IICRC AMRT
- American Council for Accredited Certification Indoor Environmental Hygienist

Asbestos.

- Qualified and certified by British Institute of Occupational Health P405& P401
- Licensed Asbestos removal supervisor; licensed asbestos contractor (ceased)

Engineering.

- ONC engineering
- City & Guilds Mechanical Craft Practice 1 & 11
- Certified associate member Institute of Engineers and Hon Fellow (relinquished)

Sanitation and Decontamination.

- Certified Mechanical hygienist RIA USA
- Accredited Associate Chartered Institute Environmental Hygienists
- American Indoor Air strategies
- Odour destruction and sanitation INTYG Sweden

Counter Terrorism and Contingency Planning.

- Certified Homeland security (National Response Teams) USA
- Certified member Emergency Planning Society Professional working Group CBRN terrorism UK
- Visiting Lecturer Cranfield Royal military college under Tony Moor

Forensic Investigation.

- Level 1 American College of Forensic Examiners
- Member Institute of American Forensic Examiners

Crime Scene Meth Labs and Cannabis Farms.

- National Institute Decontamination (USA)
- Bio Recovery and Decontamination (UK)

STANDARDS SETTING

2013. Wrote industry Guidelines and Standards for British Damage Management Association ("BDMA") "Technical Ref Manual" and the portions of British Standards Institute ("BSI") PAS 64 guidelines relating to national flood restoration guidelines.

2011 Wrote a presentation to Emergency Planning conference on novel approach to Anthrax (White Powder) event.

2012. Wrote and presented to Emergency Planning conference a desk top exercise on Chemical, Biological, Radiological and Nuclear Centre ("CBRN") simulation of terrorist attack to shopping centre in association with HPA Cabinet office and Government Decontamination Service

2007 to 2016 – Assistance in writing various papers for British Standard Institute, BDMA, Insurance Industry Audits for flood restoration.

Responsible for the formation and initial funding and founding chairman of the BDMA, Institute of Inspection Cleaning & Restoration (UK Fire & Flood) and Restoration Industry Association. Actively taken part in committees, debates and presentations.

Previous chairman of BSI Business Continuity Institute London Forum and certified member of Emergency Planning Society CBRNe counter terrorism planning.

Founder of Bio Recovery Decontamination International, Member of BSI standards committee on BS25999 on business continuity.

Recognised expert on CBRN terrorism CEN and technical committee member for European Commission in Brussels etc CWA 16106:2010.

Provided expert support to committees on:

- HVCA Ventilation and indoor air quality. Committee on ductwork sanitation standard TR17
- IICRC S520 mould standard for decontamination and clearance
- BSI PAS 64 Disaster restoration
- BSI Business continuity
- CEN (European Standards) CWA 16106, technical input on protection of EU citizen (600 million) in terrorist CBRN attack
- British Damage Management Association Exam questions and, mission statement.
- BDMA Technical Guidelines and Standards Disaster restoration and recovery (refused but not explained other than my refusal to comply with their requirements that mould is not toxic)

2016 Input to BS12999 and resultant complaint to Secretary of State and HSE with agreement the standard should be re written, leading to HSE industry investigation 2017

2017 HSE invited JC to provide input into British water damage industry protocol with emphasis on CDM and CoSHH compliance regarding contamination

SELECTED INDUSTRY AWARDS

2013 awarded most prestigious Certified Indoor Environmental Consultant through American Council Accreditation Certification, recognised by US government agencies and UK NHS Aspergillus Centre as most appropriate qualification for mould and IAQ investigation

Won, as lead technician, two UK (CIR) Disaster Recovery of the Year awards 1999-2001; runner up in three other years

In 2013 won two awards with "Security on line emag" CBRN counter terrorism/contingency Trainer of the Year and Disaster Recovery trainer of the year awards.

Won 'Lifetime achievement' award at the prestigious CIR awards and on 'Trainer of the Year' award for 'Counter Terrorism and Contingency' planning in 2013

2015 Contingency Insurance Awards "Innovative product shortlisted 7 CPD training modules on water damage and contamination

2013 Lifetime Achievement industry voted CIR magazine

2013 Security Industry E-Mag Award - CBRN Training and Consultancy Provider of the Year

2010 BANG Innovative Product of the Year Award

2010 CIR Innovative Product of the Year Award

2003 Innovative Product of the Year Award

2002 UK (CIR) Disaster Recovery of the Year Award - shortlisted

- 2002 UK (CIR) Product Designer CBON Terrorist Attack –Software training product
- 2002 UK (CIR) Disaster Recovery of the Year Award – Lead Technician – shortlisted
- 2001 Innovative Product of the Year – CBON Terrorism Building Defence Program
- 2001 UK (CIR) Disaster Recovery of the Year Award – Lead Technician - winner
- 1999 UK (CIR) Disaster Recovery of the Year Award – Lead Technician – winner

2. I have been engaged in worldwide disaster recovery involving flooding, explosion, contamination and fire for over 25 years.

2.1. I have attained the highest internationally recognised qualification as:

2.1.1. Certified Restorer, **CR**

2.1.2. Water Loss Specialist, **WLS**

2.1.3. Certified Mechanical Hygienist **CMH**

2.1.4. Accredited Associate Chartered Institute of Environmental Health

2.1.5. Certified Indoor Environmental Consultant through American Council of Accredited Certification (ANSI-ISO) **IEH (Indoor Environmental Hygienist)**

2.1.6. Senior Tech and Hon Fellow BDMA in the UK and founding chairman.

2.1.7. Applied Microbial Restoration Technician IICRC **AMRT**

2.2. I have attained a level 1 certification in Infra-red thermography.

2017 Semi retired and focussing on Indoor Air Quality with focus on water damage, biological amplification and building related illness