

Name	Email address and LinkedIn profile	Organisation	Country	Bio
Michael Abaie		PEO ACWA (Program Executive Office, Assembled Chemical Weapons Alternatives)	USA	 Michael S. Abaie is the Program Executive Officer for the Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA), which is headquartered at Aberdeen Proving Ground, Maryland. Mr. Abaie assumed the role of PEO in September 2018 and is responsible for overseeing all aspects of the program, including operations at the Pueblo Chemical Agent-Destruction Pilot Plant in Colorado, the Blue Grass Chemical Agent-Destruction Pilot Plant in Kentucky and PEO ACWA's Anniston Field Office in Alabama. He is a member of the Senior Executive Service.
Luke Alexander	lalexander@golder.com.au	Golder	Australia	Contaminated land specialist focused on the assessment and remediation of sites impacted by chemical warfare agents.
Anne Arnold	anne.arnold@pnnl.gov https://www.linkedin.com/in/amwa/	Pacific Northwest National Laboratory	USA	Anne Arnold is a post-doctoral researcher at PNNL in the National Security Division, where she works as a materials scientist. Prior to PNNL, she received her B.S. in chemistry from Saint Francis University, M.S. in biology from the University of Massachusetts Lowell, and Ph.D. in chemistry from Carnegie Mellon University. Her work at PNNL involves the design, synthesis, and characterization of materials for aerospace, threat detection, and complex separations. Anne strives to identify unique problems matched with creative approaches to address pertinent issues.
Joseph Asahina	jospeh@asahina.jp https://www.linkedin.com/in/kiyoshi- asahina-10440b222/	GP&P Co., Ltd.	Japan	Dr. Asahina is President and Representative Director of GP&P Co., LTD, and Senior Scientific Advisor of ICCSS. He is Vice Chairman of Subcommittee of Science Council of Japan on Safe Destruction of ACW /OCW, a member of the Special Working Group of ASME and a member of the Japan Society of Defense Facilities Engineers. He was Chief of Technology of Kobe Steel, until 2014. He was engaged in the main Japanese CWD projects and worldwide in Belgium and French projects for oversight of technical aspect, and proposal works for Tooele. He is an inventor of DAVINCH, detonation system of CWs and toxic materials Doctor's degree, Yokohama National University. - Master's degree, Osaka University

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Timothy Blades	timothy.a.blades.civ@army.mil	DEVCOM CBC, CBARR	USA	
Matt Brooks	mbrooks@dstl.gov.uk	Dstl	UK	
Carolyn Browne	carolyn.browne@opcw.org	OPCW (Organisation for the Prohibition of Chemical Weapons)	Netherlands	Since January 2019, leading a team of 70 including a specialist laboratory supporting 193 States Parties in meeting their obligations under the Chemical Weapons Convention. Responsible for verifying the destruction of stockpiled, old and abandoned chemical weapons and the production of and trade in controlled chemicals, and giving technical assistance to States Parties.
Brandon Bruey	brandon.m.bruey2.civ@army.mil	DEVCOM CBC	USA	
Craig Campbell	craig.p.campbell6.civ@mail.mil	DoD	USA	
Luís Miguel Carvalho	<u>carvalho.lmf@exercito.pt</u> https://www.linkedin.com/in/carvalholmf/	Portuguese Army	Portugal	Luís Miguel Carvalho graduated in Chemistry in 2010 and completed a MSc in Analytical, Clinical and Forensic Toxicology in 2012. In 2016 he enlisted in the Portuguese Army and since March 2017 he is assigned to the Military Laboratorial Unit of Biological and Chemical Defence to work both as researcher in the Chemical Defence Laboratory and member of the Chemical Defence Deployable Team. Due to COVID-19 pandemics he was assigned to the Biological Defence Laboratory to integrate the SARS-CoV-2 detection teams. Is work and interests are focused in Chemical Weapons and CWC, disarmament and non-proliferation of WMD and international organizations related to those subjects.
Ryan Classey	rpclassey@dstl.gov.uk	Dstl	UK	
Hannah Compton	hcompton@dstl.gov.uk	Dstl	UK	CWD Organiser





Stefano Costanzi	<u>costanzi@american.edu</u> <u>https://www.linkedin.com/in/stefano-</u> <u>costanzi-5b273713/</u>	American University, Department of Chemistry	USA	Dr. Stefano Costanzi is a Professor of Chemistry at American University, in Washington DC, with an educational background in both the chemical sciences and international affairs. His research interests focus on two areas. The first one revolves around the application and development of computational chemistry strategies to study the interactions between chemicals and living of organisms. The second one revolves around the analysis of gaps in current policies and practices that allow the proliferation of chemical weapons and the conceptualization of solutions and tools to narrow them. Additionally, he is interested in raising awareness on CBRN issues.
Robert Crocker	rwcrock@sandia.gov	Sandia National Labs	USA	Dr. Crocker is a Distinguished Member of the Technical Staff and is currently leading the Explosive Destruction System research and development supported by the US Army Recovered Chemical Materials Directorate.
Martin Davey	ottawa_firefighter@yahoo.com https://www.linkedin.com/in/martin- davey-3425053/	Ottawa Fire Service	Canada	I have been in an administration role for over two years assisting the Deputy Chiefs of Ottawa Fire Services (OFS.) Mostly the Deputy Chief of Operations/Special Operations. I Ran a Project to Source and Procure new equipment for our own Hazmat school which we debuted in 2019. I developed and implemented a Decontamination Plan for OFS. I have been a Firefighter and Hazmat/CBRNE Specialist with the City of Ottawa for 20 years, and was previously a mechanical engineer at Nortel in Canada for a decade.
Thibault Derode	thibault.derode@ariane.group	ARIANE GROUP	France	
Sven Devroe	sven.devroe@opcw.org	OPCW	Netherlands	
Raymond DiBerardo	raymond.a.diberardo.civ@mail.mil	DEVCOM Chemical Biological Center	USA	Mr. Raymond DiBerardo has over 37 years of experience in project management and chemical demilitarization of chemical warfare materiel (CWM). He currently serves as a Senior Project Manager and Test Director for the DEVCOM Chemical Biological Center. In this position he provides oversight of recovered CWM demilitarization field operations and the development /evaluation of new technologies for the treatment and disposal of CWM.



Charles Diggs	<u>charles.diggs@dynasafe.com</u> https://www.linkedin.com/in/charlesdiggs	Dynasafe	USA	Charles "Charlie" Diggs is the Chief Executive Officer of Dynasafe. He has been involved in the demilitarization industry for 18 years. After leaving the US Navy Submarine Service nuclear program in 2003, Mr. Diggs worked for the Anniston Chemical Weapons Disposal Facility for 11 years. He joined the Dynasafe team in 2014 and became the CEO in 2019. Since then, he has been a crucial role in multiple demilitarization missions as well as Dynasafe's overall business development.
Simon Earwicker	spearwicker@dstl.gov.uk https://www.linkedin.com/in/simon-e- b5596239/	Dstl	UK	
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Mark Evans	mark.x.evans@amentum.com	Amentum	USA	As Senior Vice President for the Non-Proliferation and Security Sector (NSS) of the Nuclear & Environment strategic business unit, Mark Evans directs and integrates the execution of multiple demilitarization and threat reduction projects for Amentum around the world. NSS also has responsibility for supporting the DoD's Defense Threat Reduction Agency and the Department of Energy's National Nuclear Security Administration in their mission to detect and interdict weapons of mass destruction and radiological materials from crossing borders. All of these projects involve a wide diversity of regulatory agencies as well as local stakeholders.
Jonathan Forman	jonathan.forman@pnnl.gov	Pacific Northwest National Laboratory	USA	
Philippe Francois	philippe.francois@mil.be https://www.linkedin.com/in/philippe- francois-49515742/	DLD (Defense Laboratories)	Belgium	
Daniel Frappell	daniel.frappell@opcw.org	OPCW	Netherlands	Formerly of Dstl as a Chemical Warfare Munition Disposal Technician, I moved to the OPCW in May 2021 as a Senior Chemical Demilitarisation Officer dealing with OCW/ACW matters. Specialises in and has extensive experience Old Chemical Weapons, their location, recovery and methods of disposal/neutralisation.
Timothy Garrett	timothy.k.garrett2.civ@mail.mil	Assembled Chemical Weapons Alternative (ACWA)	USA	Timothy K. Garrett, an Alabama native, is the Director of Field Operations for the Program Executive Office for Assembled Chemical Weapons Alternatives (PEO ACWA). He provides oversight of Static Detonation Chamber operations to ensure that the Army, State, and Federal safety and security standards and environmental laws, regulations, and permit conditions are met and maintained. Mr. Garrett is also charged with effectively implementing ACWA's strategic goals. Another critical role involves providing chemical agent munitions and agent destruction managerial and technical support to the chemical demilitarization disposal facilities in Colorado and Kentucky.
Chang Guo	davidguo1976@msn.com	OPCW	China	Joined OPCW in 2017. Work on CWDF, CWSF and CWPF



Rowan Gwillim	rowaneg@aol.com	Surface Combustion	France	Rowan Gwillim has been working as the European Representative of Surface Combustion since 2010, attending trade shows and liaising with their European client base. She has a background in arms control and military affairs and has worked in Russia and many other eastern European countries on the Chemical Weapons Convention and other international treaties. Rowan is a British citizen who lives in France and speaks English, German, Russian and French.
John Halmarick	jhalmarick@milsearch.com.au https://www.linkedin.com/in/john- halmarick-mba-b4668922/	Milsearch	Australia	Milsearch is an Australian family-owned company with 30 years of experience as an international service provider in the remediation of land and marine areas contaminated by Explosive Remnants of War/Unexploded Ordnance (ERW/UXO).
Hironori Hara		Cabinet Office	Japan	
Jeff Harris	jeffrey.l.harris94.civ@army.mil	Joint Program Executive Office for Chemical, Biological, Radiological, and Nuclear Defense (JPEO-CBRND)	USA	30+ years experience with the Dept of the Army working in the development of chemical weapons destruction technologies and the operational planning and use of these systems.
James Harrison	james.harrison423@mod.gov.uk	Ministry of Defence	UK	
Stephen Hartridge	sjhartridge@dstl.gov.uk	Dstl	UK	
Bob Henstridge	bh@valentapps.co.uk https://www.linkedin.com/in/bob- henstridge-10078174/	Valent Applications Ltd	UK	Operational Scientist / CBW Munitions Disposal / CB Counter Terrorist Ops Team / Capability Development - Specialist end users and Civilian front end users / UNSCOM Inspector and Chief Inspector / Operational Deployments to numerous Countries / Extensive work with EOD Operators / Capability development within the AUSCANUKUS arena / Operations Manager / Field Lab Manager / Agent Handling & Destruction
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Kim Jackson	kjackson@bechtel.com	Amentum	USA	
Darrel Johnston	djohnston@swri.org https://linkedin.com/in/darrel-johnston- 682a4869	Southwest Research Institute	USA	Darrel was PI on DARPA Agnostic Compact Demilitarization of Chemical Agent (ACDC), 2015-2020, to investigate using a diesel engine for chemical warfare agent destruction, and soil or other media for acid gas scrubbing. Darrel's chemical demilitarization experience, 1990-2008, includes construction, systemization, start-up, operations, and closure phases of chemical warfare agent demilitarization at the Johnston Atoll (JACADS), Umatilla (UMCDF), Pine Bluff (PBCDF), and Newport (NECDF). Darrel served as the on-site Laboratory Manager for the JACADS, UMCDF, and NECDF facilities.
Vince Johnston	vince.johnston@amentum.com https://www.linkedin.com/in/vincentjohnst on/	Amentum	USA	Vince is responsible for leading and managing significant activities in support of NSS business sub-sectors to accomplish management financial and growth objectives. Vince is responsible for managing key sub-sector projects and captures; consults with operational managers and sub-sector program managers to help grow their business lines and managing current operational activities. Plans from future growth, develops and implements organizational controls; participates in the investigations and negotiations pertaining to joint ventures, the acquisition of businesses or the sale of assets and represents the company, as appropriate in its relationships to current and future customers.
Andrew Jones	andrew.jones859@mod.gov.uk	UK MOD	UK	





HJ Jost	<u>hj.jost@karsa.fi</u> https://www.linkedin.com/in/h-j-jost/	Karsa Ltd	Finland	HJ Jost received his Ph.D. from the University of Berne in Switzerland in applied physics. He then moved to California and worked on various NASA air- and balloon borne atmospheric research field campaigns all over the world. In 2006 he joined Novawave Technologies, a Silicon Valley start-up focused on developing laser based trace gas analysers, and was director of atmospheric sensing. After the acquisition of Novawave by Thermo Fischer Scientific in 2010, he initially served as a senior manager of R&D and then moved back to Europe where he took a product management role with global responsibilities. In 2016, he helped co-found Karsa Ltd and has been serving as CEO since the beginning
Yoichi Kamiyauchi	kamiyauchi.yoichi@kobelco.com	Kobe Steel, Ltd.	Japan	
Dan Kaszeta	director@strongpointsecurity.co.uk https://www.linkedin.com/in/dankaszeta/	RUSI	UK	Dan Kaszeta is a specialist in defence against chemical, biological, and radiological weapons and warfare. His career spans positions both in the US and the UK. He is currently a specialist consultant in CBRN defence and an associate fellow at the Royal United Services Institute. His most recent book "Toxic" is a history of nerve agents.
Burt Kearney	burt.kearney@dynasafe.com	Dynasafe Demil Systems AB	Germany	
Steven Kennon	sk@valentapps.co.uk	Valent Applications Ltd	UK	
Alistair Kitching	alistair.kitching@redengineers.co.uk https://www.linkedin.com/in/alistair- kitching-0b360b22/	RED Engineering	UK	Responsible for diversification and transfer of technology from REDs core sectors of Oil and Gas, Renewables and Nuclear. RED have been at the forefront of developing pragmatic engineering solutions for some of the most hazardous environments with some very interesting challenges.
Brian Kopan		Soukos Robots Demil USA, Inc.	USA	
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Marco Lattughi	marco.lattughi@rpsgroup.com https://www.linkedin.com/in/marco- lattughi-72187722/	RPS	UK	Operational Director for the RPS Bedford laboratory facility which specialises in the analysis of trace chemical residues and contaminants, unknown chemical identification and a variety of other analytical contract services covered by ISO17025:2017 UKAS accreditation and UK MHRA GLP compliance.
Aaron Longbottom	aaron.longbottom@fluidgravity.co.uk	Fluid Gravity Engineering Ltd	UK	
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Luke Mingaye		Dstl	UK	Operational-facing S&T Generalist - I am a Geochemist by background, now working in the CB space after a few years of providing Support to Operations.
Claire Mitchell		Dstl	UK	
Mark Morgan		US DTRA CTR Chemical Security and Elimination (Sawdey Solution Services)	USA	Dr. Mark Morgan is an expert with over forty years of experience in the fields of chemical warfare, emergency preparedness and consequence management and their associated activities, and research management. He currently supports the Defense Threat Reduction Agency's (DTRA) Cooperative Threat Reduction Chemical Weapon Elimination program as a contractor. He has also trained civilian EOD teams how to "render safe" improvised chemical warfare devices; conducted maintenance and demilitarization operations with toxic chemical munitions; and supported the US Chemical Stockpile Emergency Preparedness Program. He is expert in developing emergency, consequence management, and preparedness programs.



Bastian Niemeyer	bastian.niemeyer@geka-munster.de	GEKA mbH	Germany	Coming from an environmental research centre and holding a PhD in geosciences, Dr. Bastian Niemeyer contributes to demilitarisation and destruction of chemical weapons at the GEKA mbH Germany. Currently he is the current approval and licence manager at the GEKA, who takes care of meeting all restrictions or criteria given by the German authorities. Moreover he is working as project manager in several projects to ensure a reliable results and being within the milestones and time lines.
Keith Norman	<u>kpaknnorman@gmail.com</u> https://linkedin.com/in/dr-knorman	UNODC	Australia	I have worked for over 20 years as a forensic chemist focusing on the areas of illicit drugs, explosives and CBRN. This has cover all aspects of the roles from incident response through laboratory analysis and research to court testimony, mentoring and the production of scientific papers.
Valentine Nzengung	vnzengung@munirem.com https://www.linkedin.com/in/valentine- nzengung-649a5510/	MuniRem Environmental, LLC	USA	Inventor of technologies and products for neutralization and destruction of explosives and chemical warfare agents
Timothy Oliver	timothy.oliver@akana.us https://linkedin.com/in/tim-oliver-667b1a4	Akana	USA	Mr. Oliver has over 30 years of experience providing design, assessment, permitting, and risk assessment support to industry and government clients for chemical process, hazardous waste treatment, and other industrial facilities. He has been involved in the development and review of numerous independent integrity assessments, quantitative risk assessments, hazard evaluations, and operational readiness reviews for a variety of high hazard facilities. Since 1995, Mr. Oliver has been supporting the chemical weapons disposal program in the U.S., including activities associated with permitting, design, construction, modification, integrity, decontamination, demolition, and closure.
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Kris Perkins	kris.n.perkins.civ@mail.mil	Office of the Assistant Secretary of Defense Nuclear, Chemical, and Biological Defense Programs	USA	





Stuart Perkins	sdperkins@dstl.gov.uk	Dstl	UK	Dr Stuart Perkins is a Programme Manager at the Defence Science and Technology Laboratory (Dstl). He is responsible for the delivery of a scientific research programme seeking to understand the hazard from toxic chemicals, dangerous pathogens and toxins and the risk and consequences of their use for the Defence and Security of the UK and her interests.
Nicola Puorto	nicola.puorto@dynasafe.com	Dynasafe	USA	Nicola "Nick" Puorto is the Sales and Marketing Manager of Dynasafe. In this role, Mr. Puorto oversees Dynasafe's global sales and marketing programs.
Paul Rait	paul.rait@smithsdetection.com	Smiths Detection	UK	A former military CBRN professional and commandant of the UK Defence CBRN Centre (2016 - 19). Now business development manager for Smiths Detection (Defence).
Johan Raneke	jr@serstech.com https://www.linkedin.com/in/johan- raneke-a7364440/	Serstech AB	Sweden	Chief Commercial Officer. Responsible for Serstech commercial strategy, global sales and partnerships for the last three years. Twenty-five years of experience from various and leading roles in sales, key account and project management.
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Clive Rowland	clive.rowland666@mod.gov.uk	Ministry of Defence	UK	Deals with Chemical Arms Control issues





Steve Schmit	schmit@gradtech.com www.linkedin.com/in/steve-schmit- b2605745	Gradient Technology	USA	Gradient Technology CTO responsible for technology development, technical staff management, and laboratory research and development activities related to product and process development. Dr. Schmit has over 20 years of experience in conventional ammunition demilitarization with an emphasis on the application of high-pressure waterjets. He received his B.S. and Ph.D. in chemical engineering from the University of Minnesota – Twin Cities.
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Thomas Stock	stock@dynasafe.com	Dynasafe Environmental Systems GmbH	Germany	
Samuel Stuthridge	samuel.stuthridge918@mod.gov.uk	Army Headquarters	UK	Colonel Sam Stuthridge was appointed Assistant Head, Manoeuvre Support & CCBRN in September 2020 and is responsible for the development of a diverse range of new capabilities including armoured engineer vehicles, military diving, EOD and Search, through to sustainable power generation, air support and field fortifications. On the staff, he has served in Brigade, Divisional and Corps headquarters. In 2016-2018, he led a J3 operations team in the UK Permanent Joint Headquarters (PJHQ) with a focus on the Middle East. Colonel Stuthridge is the Manoeuvre Support lead with the British Army's Futures Directorate.
Teruhiko Tabuchi	tabuchi.t@fujimice.co.jp	Fujimi Consultants Co., Ltd	Japan	





Karwan Tahir		KRG UK Representation	UK	Karwan Jamal Tahir took up the post of KRG High Representative to the United Kingdom at the beginning of June 2015. Before that, he was the Deputy Minister at the KRG's Department for Foreign Relations.
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Anna-Karin Tunemalm	anna-karin.tunemalm@foi.se	FOI	Sweden	
Anton Utkin	anton.utkin@opcw.org	Organisation for Prohibition of Chemical Weapons	Netherlands	Anton Utkin is the Senior Chemical Demilitarisation Officer in the Chemical Demilitarisation Branch of the Organisation for the Prohibition of Chemical Weapons. He is responsible for verification activities at destruction and storage facilities. Prior to his current appointment, Anton Utkin worked for the Russian Chemical Demilitarisation Program for 17 years; as a senior manager for R&D he led development of all Russian chemical destruction technologies and managed scientific and engineering support to the destruction operations.





Paula Vanninen	paula.vanninen@helsinki.fi	VERIFIN, Finnish Institute for Verification of the Chemical Weapons Convention, University of Helsinki	Finland	Prof Vanninen is the director of VERIFIN, which is dedicated to developing analysis methods for chemical warfare agents (CWAs), their precursors, and degradation products from variety of matrices. Internationally developed and tested recommended operating procedures (ROPs) for verification analysis of chemical disarmament were published in 2011 and 2017, coordinated by Vanninen. These ROPs are the basis for accreditation and analysis of CWAs in laboratories worldwide. She has served as an expert in the Scientific Advisory Board of the OPCW (2010-2016) and its temporary working groups (2005-2019). Recently, her research has focused on sea dumped weapons to explore their environmental effects.
Risto Viinikka	risto.viinikka@dynasafe.com	Dynasafe Demil Systems AB	Sweden	Engineering Manager of Dynasafe. Joined the Dynasafe Engineering Team 2014, after more than 15 years as the engineering lead for multiple chemical plants projects worldwide. The engineering career started with many years in a stainless-steel manufacturing plant with design, development, and special sales projects. In Dynasafe has assumed several different lead roles with increasing responsibilities. In time with Dynasafe, led teams within the product design to demilitarization projects from installation and commissioning through site operations.
Thibault Viravau	thibault.viravau@intradef.gouv.fr	Délégation Générale de l'Armement (French Procurement Agency)	France	Main engineer for the technical part of SECOIA, the French demilitarization facility.
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Caroline Widdowson	<u>cwiddowson@markes.com</u> https://www.linkedin.com/in/caroline- widdowson-a1753014/	Markes International	UK	Caroline Widdowson is a specialist in the sampling and analysis of trace-level volatile and semi-volatile organic compounds in solids, liquids and gases. She holds a PhD in Organic Chemistry and a MBA, Caroline currently works at Markes International, an advanced analytical instrument manufacturer with expertise in environmental monitoring, defence & forensics, chemical emissions from products and materials and chemical ecology.
John Wilkerson	john.r.wilkerson.civ@mail.mil	Defense Threat Reduction Agency	USA	As the lead CWC manager at DTRA, I have now worked the CWC for the last 25+ years. I work closely with the US Treaty Manager and OPCW Technical Secretariat to implement the CWC at US CW and Schedule 1 facilities, ensure CWC compliance and facilitate effective verification, and resolve issues as we work hard to meet our extended CW destruction deadline.
Audrey Williams	williams259@llnl.gov https://www.linkedin.com/in/audrey- williams-5100795/	Lawrence Llvermore National Laboratory	USA	Audrey Williams is the Director of the Forensic Science Center (FSC) at Lawrence Livermore National Laboratory. She graduated from Xavier University with a B.S. in chemistry and criminal justice, then received her M.S. in Forensic Science and Ph.D. in Chemistry from Michigan State University. Audrey leads a team of scientists with a variety of technical backgrounds to understand, characterize, and respond to threat events ranging across the full WMD spectrum – including chemical, biological, radiological, nuclear, and explosive scenarios. The FSC is an Organization for the Prohibition of Chemical Weapons Designated Laboratory, providing treaty support capability for the CWC.
Shusuke Yamaguchi		Kobe steel, LTD.	Japan	





Kate Zander	kathryn.e.zander.ctr@mail.mil https://www.linkedin.com/in/kezander/	ANSER for the Office of the Deputy Assistant Secretary of Defense (Threat Reduction and Arms Control)	USA	Ms. Zander serves as Project Manager for ANSER support to the Office of the Deputy Assistant Secretary of Defense for Threat Reduction and Arms Control. Ms. Zander manages client support on matters related to Chemical and Biological Weapons Elimination, Cooperative Threat Reduction, U.S. Chemical Weapons Demilitarization, the Chemical Weapons Convention, and the development of systems for countering WMD. Ms. Zander has previously supported the Assistant Secretary of Defense for Nuclear, Chemical and Biological Defense Programs, the Deputy Assistant Secretary of the Army for the Elimination of Chemical Weapons, and U.S. Air Force Offices related to CWMD.
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