

Online Library Manual Exposure Read Pdf Free

Internationales Risikomanagement aus unternehmerischer Perspektive unter Herausstellung des Economic Exposure »Exposure« - Verletzlichkeit und das Politische in Zeiten radikaler Ungewissheit Strahlengefährdung und Strahlenschutz / Radiation Exposure and Radiation Protection Prolonged Exposure Therapy for PTSD **Understanding Exposure, Fourth Edition** **Treating Your OCD with Exposure and Response (Ritual) Prevention Workbook** Prolonged Exposure Therapy for PTSD Exposure Therapy for Children with Anxiety and OCD Mere-Exposure-Effekt: Eine Analyse relevanter Erklärungsmodelle Exposure Analysis Exposure and Risk Assessment of Pesticide Use in Agriculture Personalized Exposure Therapy Indecent Exposure **Exposure-Response Modeling** Exposure to Contaminants in Drinking Water **Radiation Exposure Overview** Workshop on Aggregate Exposure Assessment Radiation Exposure of Uranium Miners Public Health Risk Assessment for Human Exposure to Chemicals Estimating Exposure to Dioxin-like Compounds: Site-specific assessment procedures **Exposure Assessment of Microbiological Hazards in Food** Exposure Assessment and Safety Considerations for Working with Engineered Nanoparticles **Refinements to the Methods for Developing Spacecraft Exposure Guidelines** **Carcinogenic Effects of Exposure to Diesel Exhaust** Supplemental guidance for assessing susceptibility from earlylife exposure to carcinogens Review of DOD's Approach to Deriving an Occupational Exposure Level for Trichloroethylene **Exposure Anxiety--the Invisible Cage** Impact of Recent and Anticipated Changes in Airborne Emission Exposure Limits on Shipyard Workers Exposure **Health Effects of Exposure to Environmental Tobacco Smoke** **Exposure Extension of the Principles of Radiation Protection to Sources of Potential Exposure** **The Estimation of Exposures, Or External Hazards, in Fire Insurance** Indecent Exposure Exposure Therapy for Anxiety, Second Edition Mastering Exposure Exposure and Lighting for Digital Photographers Only Narrative Exposure Therapy Midnight Exposure **Exposure Assessment in Environmental Epidemiology**

Impact of Recent and Anticipated Changes in Airborne Emission Exposure Limits on Shipyard Workers Jul 09 2020

Review of DOD's Approach to Deriving an Occupational Exposure Level for Trichloroethylene Sep 10 2020 Trichloroethylene (TCE) is a solvent that is used as a degreasing agent, a chemical intermediate in refrigerant manufacture, and a component of spot removers and adhesives. It is produced in mass quantities but creates dangerous vapors and is an environmental contaminant at many industrial and government facilities, including facilities run by the U.S. Department of Defense (DoD). It is important to determine the safe occupational exposure level (OEL) for the solvent in order to protect the health of workers who are exposed to its vapors. However, there are concerns that the current occupational standards insufficiently protect workers from these health threats. Review of DOD's Approach to Deriving an Occupational Exposure Level for Trichloroethylene makes recommendations to improve the DoD's approach to developing an OEL for TCE, strengthen transparency of the process, and improve confidence in the final OEL value. This report reviews the DoD's approach using a literature review, evidence synthesis based on weight of evidence [WOE], point-of-departure derivation, physiologically based pharmacokinetic modeling, extrapolation tools, and explores other elements of the process of deriving an OEL for TCE. It examines scientific approaches to developing exposure values and cancer risk levels, defining the scope of the problem, and improving hazard identification.

Midnight Exposure Jul 29 2019 Tabloid photographer Jayne Sullivan and detective-turned-handyman Reed Kimball join forces after two hikers disappear from their Maine hometown.

Understanding Exposure, Fourth Edition Jul 01 2022 This newly revised edition of Bryan Peterson's most popular book demystifies the complex concepts of exposure in photography, allowing readers to capture the images they want. Understanding Exposure has taught generations of photographers how to shoot the images they want by demystifying the complex concepts of exposure in photography. In this newly updated edition, veteran photographer Bryan Peterson explains the fundamentals of light, aperture, and shutter speed and how they interact with and influence one another. With an emphasis on finding the right exposure even in tricky situations, Understanding Exposure shows you how to get (or lose) sharpness and contrast in images, freeze action, and take the best meter readings, while also exploring filters, flash, and light. With all new images, as well as an expanded section on flash, tips for using colored gels, and advice on shooting star trails, this revised edition will clarify exposure for photographers of all levels.

Exposure Assessment in Environmental Epidemiology Jun 27 2019 Preceded by Exposure assessment in occupational and environmental epidemiology / edited by Mark J. Nieuwenhuijsen. 1st ed. 2003.

Estimating Exposure to Dioxin-like Compounds: Site-specific assessment procedures Mar 17 2021

Mastering Exposure Oct 31 2019 Explains the fundamentals of exposure and how varying three parameters--shutter speed, aperture, and ISO--can be used creatively and practically to determine correct exposure, but deliver substantially different images.

The Estimation of Exposures, Or External Hazards, in Fire Insurance Feb 02 2020

Mere-Exposure-Effekt: Eine Analyse relevanter Erklärungsmodelle Feb 25 2022 Studienarbeit aus dem Jahr 2012 im Fachbereich Medien / Kommunikation - Theorien, Modelle, Begriffe, Note: 1,0, Ludwig-Maximilians-Universität München (Institut für Kommunikationswissenschaft und Medienforschung), Veranstaltung: Hauptseminar: Persuasion in der politischen Kommunikation, Sprache: Deutsch, Abstract: In diesem Aufsatz soll es vornehmlich um die dem Mere-Exposure-Effekt zugrunde liegenden Wirkungsmodelle gehen. Viele Studien belegen ein stabiles Auftreten des Effekts; ein klares Einverständnis über die Funktionsweise gibt es jedoch nicht, was diesen Aspekt zu einem spannenden Thema macht. Ziel dieser Arbeit ist es bisherige Erklärungsansätze für den Mere-Exposure-Effekt aufzuzeigen um schlussendlich eine Aussage über den Stand der Ursachenforschung machen zu können. Kapitel 2 schafft die Grundlage für die weitere Diskussion: der Mere-Exposure-Effekt wird definiert und die Anfänge der Forschung werden aufgezeigt. Durch die Beschreibung einer Meta-Analyse wird der heutige Stand der Forschung aufsummiert um für die Argumentation mit dem Leser auf dem selben Stand zu sein. Kapitel 3 stellt den zentralen Teil dieser Arbeit dar: Die Ursachenforschung wird diskutiert. Die Frage nach dem relevantesten Erklärungsansatz wird aufgelöst und im Fazit abgerundet. Der Mere-Exposure-Effekt bietet Wirtschaft und Politik Möglichkeiten zur gezielteren Beeinflussung von Rezipienten - eine Möglichkeit die nur genutzt werden kann, wenn die dahinter liegenden Prozesse verstanden werden.

Exposure and Risk Assessment of Pesticide Use in Agriculture Dec 26 2021 Exposure and Risk Assessment of Pesticide Use in Agriculture: Approaches, Tools and Advances offers an overview of the different methods available in toxicology for pesticide exposure and risk assessment, ranging from the regulatory field, to in-field research studies. The book provides technical background on each method, describing known and grounded tools, new uses of tools and development prospects. This book is ideal for researchers in pesticide toxicology, exposure toxicology, toxicologic risk assessment, occupational hygiene and medicine, and pesticide toxicology as well as occupational health and industrial hygiene practitioners, regulatory experts of corporate and public bodies, and advanced students. Covers pesticide exposure and risk assessment, ranging

from fundamentals to advanced theory Explains methods that are useful for both experts and non-experts Details the use of each method for exposure and risk assessment, also including links to additional resources and further reading

Radiation Exposure Overview Jul 21 2021

Exposure-Response Modeling Sep 22 2021 Discover the Latest Statistical Approaches for Modeling Exposure-Response Relationships Written by an applied statistician with extensive practical experience in drug development, Exposure-Response Modeling: Methods and Practical Implementation explores a wide range of topics in exposure-response modeling, from traditional pharmacokinetic-pharmacody

Exposure Anxiety--the Invisible Cage Aug 10 2020 Exposure anxiety is increasingly understood as a crippling condition affecting a high proportion of people on the autism spectrum. Based on personal experience, this book describes the condition and its underlying physiological causes, and presents approaches and strategies that can be used to combat it.

Public Health Risk Assessment for Human Exposure to Chemicals Apr 17 2021 In fact, with the control and containment of most infectious conditions and diseases of the past millennium having been achieved in most developed countries, and with the resultant increase in life expectancies, much more attention seems to have shifted to degenerative health problems. Many of the degenerative health conditions have been linked to thousands of chemicals regularly encountered in human living and occupational/work environments. It is important, therefore, that human health risk assessments are undertaken on a consistent basis - in order to determine the potential impacts of the target chemicals on public health.

Internationales Risikomanagement aus unternehmerischer Perspektive unter Herausstellung des Economic Exposure Nov 05 2022

Inhaltsangabe: Einleitung: Die vorliegende Arbeit beschäftigt sich mit dem Problem des Economic Exposure eines Unternehmens. Hierzu werden zunächst die theoretischen Grundkonzepte erläutert, die von der Forschung im Bereich Wechselkurs- und Finanzmarkttheorie zu diesem Thema entwickelt wurden. Weiterhin wird verdeutlicht, was das Economic Exposure ist und wie es sich auswirkt. Mit Hilfe der empirischen Forschung zum Problemfeld des realen Wechselkurses und der Kaufkraftparität soll sodann die Schwelle von der Theorie zur Praxis übersprungen werden, indem eine neue Perspektive zur Betrachtung des Exposures gewählt wird. Diese Perspektive basiert auf einer Aufgliederung der Einflußgrößen des realen Wechselkurses, je nachdem welche die Abweichung vom Gleichgewicht bewirkt und welche zur Rückführung beiträgt. Konkret wird argumentiert, daß auf der Basis der empirischen Ergebnisse, die einen stabilen Trend des realen Wechselkurses zurück zu seinem durch die Kaufparität definierten Gleichgewicht ermittelt haben, die Hedgingstrategie eines Unternehmens neu überdacht werden muß. Diesem Ansatz zufolge ist es in der Regel nicht notwendig, einem Unternehmen kostspielige Maßnahmen des Risikomanagements wie die Verlagerung der Produktion ins Ausland zuzumuten. In der Mehrzahl der Fälle (für Unternehmen, deren Geschäftstätigkeit sich auf entwickelte Volkswirtschaften konzentriert, in allen Fällen) sind finanzielle Maßnahmen sinnvoller und ebenso erfolgversprechend, da nur die kurze bis mittlere Frist abgesichert werden muß, während in der langen die natürliche Tendenz des realen Wechselkurses zurück zum Gleichgewicht Hedging überflüssig werden läßt.

Inhaltsverzeichnis: Inhaltsverzeichnis: Abkürzungsverzeichnis III I. Einleitung 1 II. Ist das Management von Währungsrisiken von vornherein überflüssig? 3 1. Die Kaufkraftparität 4 a. Theoretische Darstellung 4 b. Empirische Gültigkeit 5 2. Die ungedeckte Zinsparität 6 III. Definition und Messung der einzelnen Exposurearten 9 1. Das Translationsexposure 9 2. Die Cash-Flow Exposures 11 a. Das Transaktionsexposure 11 b. Das Economic Exposure 12 3. Wettbewerbs- und Umtauscheffekt 12 4. Indirektes Exposure 13 5. Marktstruktur 16 IV. Kann Risikomanagement Werte schaffen, und wer profitiert davon? 19 1. Steuerwirkungen 21 2. Finanzielle Engpässe und Verschuldungsmöglichkeiten 21 3. Interne Cash-Flows zu Investitionszwecken 23 4. Ansätze der Prinzipal/Agenten-Theorie 26 V. Die klassischen Instrumente des internationalen [...]

Prolonged Exposure Therapy for PTSD Aug 02 2022 Based on the principles of CBT and prolonged exposure, this text outlines an evidence-based

treatment program for use with individuals who suffer from post-traumatic stress disorder.

Prolonged Exposure Therapy for PTSD Apr 29 2022 Prolonged Exposure therapy is an effective, highly flexible, and very well-researched intervention to reduce the symptoms of PTSD across a variety of traumatized populations. The manual and companion patient workbook provide all the specifics of the PE protocol for providers to implement with efficacy and fidelity in order to maximize patient response. With the second edition, the authors have revised throughout to reflect the many advances in PTSD research that have occurred since the first edition. These advances include key modifications to the underlying theory, as well as additional evidence of modifications and individualization for more complex patient presentations and to military populations. As leaders in the clinical practice, training, and research in the field of PTSD treatment, the authors provide concise but thorough description of the key components of the program, how to implement them, as well as when and how to consider adaptations.

Health Effects of Exposure to Environmental Tobacco Smoke May 07 2020

Exposure Therapy for Anxiety, Second Edition Dec 02 2019 Now revised and expanded to include cutting-edge acceptance-based techniques and a new focus on inhibitory learning, this is the leading guide to therapeutic exposure, a crucial element of evidence-based psychological treatments for anxiety. The book helps the clinician gain skills and confidence for implementing exposure successfully and tailoring interventions to each client's needs, regardless of diagnosis. The theoretical and empirical bases of exposure are reviewed and specialized assessment and treatment planning techniques are described. User-friendly features include illustrative case examples, sample treatment plans, ideas for exercises targeting specific types of fears, and reproducible handouts and forms that can be downloaded and printed in a convenient 8½" x 11" size. New to This Edition
*Chapter on acceptance and commitment therapy (ACT) techniques. *Reflects a shift in the field toward inhibitory learning--helping clients learn to tolerate anxiety and uncertainty to maximize long-term outcomes. *Chapter on uses of technology, such as computer-based therapy and virtual reality tools. *Conceptual, empirical, and clinical advances woven throughout.

Indecent Exposure Oct 24 2021 Kommandant van Heerden, the chief of police of Piemburg, terrorizes true Englishmen and even truer Zulus in his search for a perfect South Africa, while Luitenant Verkramp and Dr. von Blimenstein try to use aversion therapy to enforce chastity

Carcinogenic Effects of Exposure to Diesel Exhaust Nov 12 2020

Exposure Assessment and Safety Considerations for Working with Engineered Nanoparticles Jan 15 2021 Addresses health and safety issues associated with workplace Nanoparticle exposures • Describes methods to evaluate and control worker exposures to engineered nanoparticles • Provides guidance for concerned EHS professionals on acceptable levels of exposure to nanoparticles • Includes documentation on best practices to be followed by all researchers when working with engineered nanoparticles • Describes current knowledge on toxicity of nanoparticles • Includes coverage on Routes of Exposure for Engineered Nanoparticles

Exposure Analysis Jan 27 2022 Written by experts, Exposure Analysis is the first complete resource in the emerging scientific discipline of exposure analysis. A comprehensive source on the environmental pollutants that affect human health, the book discusses human exposure through pathways including air, food, water, dermal absorption, and, for children, non-food ingestion. The book summarizes existing definitions of exposure, dose, and related concepts and provides the mathematical framework at the heart of these conceptual definitions. Using secondhand smoke as an example, the book illustrates how exposure analysis studies can change human behavior and improve public health. An extensive section on air pollutants considers volatile organic compounds (VOCs), carbon monoxide (CO), fine and ultrafine particles, and the latest personal air quality monitors for measuring individual exposure. Another detailed section examines exposures to pesticides, metals such as lead, and dioxin that may occur through multiple routes such as air, food, and dust ingestion. The book explores important aspects of dermal exposure such as the absorption of volatile

organic compounds while showering or bathing and exposure through multiple carrier media. The authors describe quantitative methods that have been validated for predicting the concentrations in enclosed everyday locations, such as automobiles and rooms of the home. They also discuss existing laws and examine the relationship between exposure and national policies. Defining the new field of exposure analysis, this book provides the basic tools needed to identify sources, understand causes, measure exposures, and develop strategies for improving public health.

»**Exposure**« - **Verletzlichkeit und das Politische in Zeiten radikaler Ungewissheit** Oct 04 2022 »Exposure« bezeichnet das Moment des Ausgesetzt-Seins oder Sich-Aussetzens - ob gegenüber der Gewalt eines Naturereignisses, eines Terroranschlags oder dem wertenden Blick der Anderen. Wenn Verletzlichkeit eine Grundbedingung des Lebens ist, dann fragt das Konzept der »Exposure« danach, wie sich diese Verletzlichkeit in konkreten Situationen und Begegnungen zeigt, wie sie spürbar, fassbar und artikulierbar wird - und nicht zuletzt: wie sie produktiv gewendet werden kann. Im Prisma von »Exposure« untersuchen die Beiträger*innen des Bandes, wie sich das Politische in Zeiten radikaler Ungewissheit artikulieren kann - und wie es sich tatsächlich artikuliert. Mit Beiträgen u.a. von AbdouMaliq Simone, Frank Adloff sowie Christine Hentschel und Susanne Krasmann.

Exposure Jun 07 2020 Michael Woodford was a company man. He'd risen through the ranks of giant Japanese firm Olympus to become CEO. But just weeks into the job in Tokyo he came across allegations of enormous fraud. Yet his every attempt at investigation was blocked. Losing his job, facing a cover up and possible threats to his life, Woodford fled the country. Then he did something Olympus didn't expect. He fought back. Risking everything, Woodford went on the offensive. He exposed the crimes at the company's heart, brought down those who tried to silence him - and became a hero. 'Woodford relates, at Grisham-like pace, how he stumbled upon a \$1.7bn fraud that he, unlike his fellow board members, refused to hide. He is one of the few foreign businessmen to have penetrated deep inside a Japanese corporation and to report back unflinchingly.' Financial Times 'Woodford triumphs with a pacey narrative [and] a storyteller's eye for detail. A fine book by a fine man who did the right thing.' The Times 'When Woodford turned whistleblower, he set off a tumult unlike anything that the cosseted world of Japanese business had seen.' The New York Times 'Remarkable. Vivid, angry and straight from the heart.' Mail on Sunday

Exposure and Lighting for Digital Photographers Only Sep 30 2019 Even with digital cameras and automatic exposure, lighting and exposure remain the most difficult element to master in the quest for quality photography. This book, written by a professional photographer for photographers, provides real-world advice to help you achieve true creative control over lighting and exposure. Discover how to take your digital photos to the next level with the scores of lighting diagrams, techniques, and stunning full-color photographs. Order your copy today!

Indecent Exposure Jan 03 2020 When the head of Columbia Pictures, David Begelman, got caught forging Cliff Robertson's name on a \$10,000 check, it seemed, at first, like a simple case of embezzlement. It wasn't. The incident was the tip of the iceberg, the first hint of a scandal that shook Hollywood and rattled Wall Street. Soon powerful studio executives were engulfed in controversy; careers derailed; reputations died; and a ruthless, take-no-prisoners corporate power struggle for the world-famous Hollywood dream factory began. First published in 1982, this now classic story of greed and lies in Tinseltown appears here with a stunning final chapter on Begelman's post-Columbia career as he continued to dazzle and defraud . . . until his last hours in a Hollywood hotel room, where his story dramatically and poignantly would end.

Supplemental guidance for assessing susceptibility from earlylife exposure to carcinogens Oct 12 2020

Exposure Therapy for Children with Anxiety and OCD Mar 29 2022 Many providers have difficulty implementing exposure-based cognitive behavioral therapy for youth with anxiety and obsessive-compulsive disorder (OCD), despite it being the leading treatment for this condition. Exposure Therapy for Children with Anxiety and OCD: Clinician's Guide to Integrated Treatment provides a step-by-step framework for how providers apply exposure

therapy in practice. The book begins with empirical support for the treatment followed by suggested implementation of exposures for specific conditions and ages. Tables of sample exposures and case illustrations are provided throughout the book and common challenges that may complicate implementation are addressed. Intended for busy providers to implement directly into practice, chapters provide clinical excerpts and illustrate techniques in an easy "how-to" format. Summarizes empirical support for exposure treatment efficacy Recommends how to implement exposure therapy treatment for anxiety and OCD Provides guidance on overcoming common challenges when implementing exposures in practice Offers separate treatment guidelines for children and adolescents Integrates exposure therapy with other therapy modalities Includes case studies and clinical excerpts illustrating techniques

Strahlengefährdung und Strahlenschutz / Radiation Exposure and Radiation Protection Sep 03 2022

Personalized Exposure Therapy Nov 24 2021 Evidence overwhelmingly shows that exposure therapy is effective for the treatment of anxiety and related disorders. Its adoption into clinical practice has been slow, however-in part because the available one-size-fits-all manuals often leave patients and clinicians unsatisfied. Personalized Exposure Therapy provides expert guidance to clinicians on conducting exposure-based interventions in a targeted and flexible fashion. Providing detailed information on a range of strategies for maximizing clinical outcomes from exposure, this book features a case formulation approach that personalizes the timing and nature of exposure practice. Case examples, scripts, and worksheets, presented in a practical, mentor-based format for planning and enacting individual sessions, ensure that clinical procedures are readily accessible for in-session use. Personalized Exposure Therapy is appropriate for early-career and experienced clinicians alike, and will also be suitable for use in graduate courses in clinical psychology, counselling, social work, nursing and psychiatry.

Treating Your OCD with Exposure and Response (Ritual) Prevention Workbook May 31 2022 In the US over 3 million adults or approximately 2.3% of the population between the ages of 18-54 suffers from Obsessive-Compulsive Disorder (OCD). This fully revised new edition of this workbook is completely reformatted and revised to reflect the most current findings.

Exposure to Contaminants in Drinking Water Aug 22 2021 Exposure to Contaminants in Drinking Water: Estimating Uptake through the Skin and by Inhalation examines the current state of science in this field by identifying and reviewing the available information resources; evaluating various models and approaches; and demonstrating the feasibility of developing estimates of the distribution of absorbed doses of contaminants in drinking water through contact with the skin and by inhalation. This book, the product of a fifteen-member expert working group convened by the Risk Science Institute of the International Life Sciences Institute under a cooperative agreement with the U.S. Environmental Protection Agency's Office of Water, includes contributions from experts in exposure modeling and measurement; water chemistry; time-activity patterns; dermal and respiratory uptake; and the use of probability distributions in characterizing exposures.

Exposure Apr 05 2020 Revered as a national hero - married to the desirable Desmerelda - cherished by the media - soccer star, Otello, has it all. But a sensational club transfer sparks a media frenzy, and when he is wrongly implicated in a scandal, the footballer's life turns into a tragic spiral of destruction.

Extension of the Principles of Radiation Protection to Sources of Potential Exposure Mar 05 2020 This report describes how the application of the principles of radiation protection recommended by the International Commission on Radiological Protection may be extended to unexpected or accidental situations by changing from the dose based system of radiation protection to a unified approach within a probabilistic framework.

Exposure Assessment of Microbiological Hazards in Food Feb 13 2021 The guidelines aim to provide a practical framework and approach for undertaking exposure assessment of microbiological hazards (bacteria, fungi, viruses, protozoa and microbial toxins) in foods in the context of a risk

assessment or as a stand-alone process.

Narrative Exposure Therapy Aug 29 2019 New edition of the Narrative Exposure Therapy manual, an effective, short-term, culturally universal intervention for trauma victims - including the latest insights and new treatments for dissociation and social pain. Narrative Exposure Therapy (NET) is a successful and culturally universal intervention for the treatment of survivors of multiple and severe traumatic events, such as organized violence, torture, war, rape, and childhood abuse. Field tests in contexts of ongoing adversity and disaster areas, as well as controlled trials in various countries, have shown that three to six sessions can be sufficient to provide considerable relief. The new edition of the clearly structured and easy-to-follow NET manual now includes the latest insights and new treatments for dissociation and social pain. The first part of the book describes the theoretical background. The second part shows how to use the NET approach step by step, with practical advice and tools, including how to deal with special issues (such as dealing with challenging moments, defense mechanisms for the therapist, and ethical issues). Appendices include an informed consent form, checklists for the therapist, and FAQs.

Radiation Exposure of Uranium Miners May 19 2021 Considers levels of radiation to which uranium miners are exposed, radiation monitoring standards, and health implications of uranium radiation exposure, including its possible relation to lung cancer.

Refinements to the Methods for Developing Spacecraft Exposure Guidelines Dec 14 2020 Human spaceflight is inherently risky, with numerous potential hazards posed at each phase of a mission. Potential health risks during spaceflights include short-term health consequences from being in microgravity, as well as long-term health consequences that arise, or continue, months or years after a flight. Additional health considerations are risks posed by exposure to environmental contaminants onboard spacecraft. Because the International Space Station and spacecraft are closed environments that require recirculation of air and water supplies, some contamination of the air and water will occur. Even with onboard air and water purification systems, chemicals will accumulate in the air and water as they recirculate or are recycled onboard. Therefore, it is necessary for the National Aeronautics and Space Administration (NASA) to identify hazardous contaminants and determine exposure levels that are not expected to pose a health risk to astronauts. NASA uses spacecraft maximum allowance concentrations (SMACs) and spacecraft water exposure guidelines (SWEGs) to provide guidance on acceptable exposures to air and water contaminants during normal operations and emergency situations. Refinements to the Methods for Developing Spacecraft Exposure Guidelines updates the methods for establishing SMACs and SWEGs and assists NASA with identifying chemicals that need updated SMACs or SWEGs and new chemicals for which these guidelines should be developed.

Workshop on Aggregate Exposure Assessment Jun 19 2021