MONDAY

Total: 163

Sessions: **1.1** (1/2); **1.2**; **1.3**; **1.8**; **2.7**; **3.6**; **4**

New order: 1.1-1.96

2.1-2.7

3.1-3.27

4.1-4.33

1/2 **1.1**		
1.1	Mercury wet deposition differences by precipitation type at remote island, mountain and urban sites in subtropical East Asia	Guey-Rong Sheu, Department of Atmospheric Sciences, National Central University, et al.
1.2	Gas-phase mercury photoreduction in the atmosphere: A model study	Oleg Travnikov, Meteorological Synthesizing Centre – East of EMEP, 2nd Roshchinsky proezd, 8/5, 115419 Moscow, Russia, et al.
1.3	Atmospheric mercury daily interchange of plants in absorption and desorption cycles.	Rocio Naharro, IGeA-UCLM, Pl. Manuel Meca 1, 13400 Almadén (Ciudad Real), Spain, et al.
1.4	Observation and simulation of gaseous oxidized mercury (GOM) dry deposition at an urban site in Nanjing, China: influence of heterogeneous mercury oxidation	Lei Zhang, Nanjing University, et al.
1.5	First Eddy Covariance flux measurements of gaseous elemental mercury over natural surfaces	Stefan§ Osterwalder, Environmental Geosciences, University of Basel, Basel, Switzerland, et al.
1.6	Use of back trajectory to track high GEM concentration episodes	Beata Szabo-Takacs, Global Change Research Institute, Czech Academy of Sciences, Bělidla 4a, 603 00 Brno, Czech Republic, et al.
1.7	Vertical and horizontal atmospheric mercury profiles in a mining environment.	JoseMaria Esbrí, IGeA-UCLM, Pl. Manuel Meca 1, 13400 Almadén (Ciudad Real), Spain, et al.
1.8	Wet deposition of total mercury at a suburban site in Southern Italy (Calabria): concentrations, fluxes and assessment of source areas	Massimiliano Vardè, CNR, Italian National Research Council - Institute for the Dynamics of Environmental Processes (IDPA), Venice, Italy; University of Ferrara (UniFE), Department of Chemical and Pharmaceutical Sciences (DipSCF), Ferrara, Italy, et al.

1.9	Universal scaling in atmospheric elemental mercury concentration extremes, is it linked to a local atmospheric large scale motion?	Francesco Carbone Francesco, CNR-Institute of Atmospheric Pollution Research, 87036 Rende, Italy, et al.
1.10	Trend of atmospheric mercury concentrations at Mace Head Atlantic coast	Danilo Custodio, Helmholtz-Zentrum Geesthacht, et al.
1.11	Total gaseous mercury and mercury deposition measurements in Finland	Katriina Kyllönen, Finnish Meteorological Institute, et al.
1.12	The rate of conversion of gaseous oxidized mercury to particle bound mercury	Alexei Khalizov, New Jersey Institute of Technology, et al.
1.13	Total Gaseous Mercury (TGM) and ozone (O3) over spring - summer 2018 and winter 2019 at the Col Margherita Atmospheric Observatory (2543 m a.s.l.)	Warren RL Cairns Italy, Institute for the Dynamics of Environmental Processes (CNR-IDPA), et al.
1.14	The First Air Mercury Monitoring over Lake Baikal	Nikolay Mashyanov, Lumex-marketing LLC, et al.
1.15	Seasonal and annual changes in Hg concentrations in atmospheric precipitation for assessing the level of air pollution within an urban center (Barnaul city, Russia)	Stella Eyrikh, Institute for Water and Environmental Problems SB RAS, et al.
1.16	Shipborne Measurements of Gaseous Elemental Mercury in the high Arctic and North Atlantic Ocean	Josefin Gunnarsson, Chalmers University of Technology, et al.
1.17	Source characterization for mercury wet deposition over five cites in South Korea	Sangwoo Eom, School of Earth Sciences and Environmental Engineering, Gwangju Institute of Science and Technology (GIST), Gwangju, Republic of Korea, et al.
1.18	Source identification and trends in atmospheric Hg and Pb in PM2.5 at the urban and rural sites across South Korea	Seam Noh, Chemicals Research Division, Environmental Health Research Department, National Institute of Environmental Research, Incheon 22689, Republic of Korea, et al.
1.19	Photoreduction of gaseous oxidized mercury changes global atmospheric mercury speciation, transport and deposition	Alfonso Saiz-Lopez, Department of Atmospheric Chemistry and Climate, Institute of Physical Chemistry Rocasolano, CSIC, Madrid, Spain, et al.
1.20	Quantifying the downward trend of air mercury in urban China due to reduction of anthropogenic mercury emissions using a generalized additive model	Yi Tang, School of environment, Tsinghua university, et al.
1.21	Spatial and Temporal Trends in Mercury Deposition and Emissions in the US Midwest	Donna Kenski, Lake Michigan Air Directors Consortium, et al.
1.22	Saharan Dust as a Vector for Mercury Transport	Neal Bailey, University of Manitoba, et al.
1.23	Observation of TGM in the free troposphere at the summit of Mount Fuji during summer from 2013	Osamu Nagafuchi, Visiting Professor, et al.
1.24	Mercury fractionation in aerosols of the southern Baltic coastal zone	Ewa Korejwo, Institute of Oceanology of the Polish Academy of Sciences, et al.
1.25	Mercury wet deposition and atmospheric particle bound Hg at the coastal, urban and forest sites in Poland	Patrycja Siudek, National Fisheries Marine Research Institute, Gdynia, Poland, et al.
1.26	Measurement and modeling of atmospheric gaseous mercury depletion in a volcanic plume of Piton de La Fournaise, La Réunion Island	Luke Surl, LATMOS and LPC2E, France, et al.
1.27	Influence of Athabasca oil sands operations on mercury levels in air and deposition in north-west Canada	Ashu Dastoor, Environment and Climate Change Canada, et al.

1.28	Indoor mercury in a mining related context: sources and solutions.	JoseMaria Esbrí, IGeA-UCLM. Pl. Manuel Meca 1, 13400 Almadén (Ciudad Real), Spain, et al.
1.29	Measurement of atmospheric mercury species in Qomolangma Natural Nature Preserve, Tibetan Plateau	Huiming Lin, Peking University, et al.
1.30	Mercury deposition in Yakushima Island the world natural Heritage site, Japan	Koyomi Nakazawa, Fukuoka Institute of Technology, et al.
1.2		
1.31	Accumulating mercury and methylmercury burdens in watersheds impacted by oil sands pollution	Colin Cooke, Alberta Environment and Parks, et al.
1.32	Effect of human activities on biomagnification of mercury in aquatic food chains in Changshou lake ， Chongqing， China	Qing Xie, College of Resources and Environment, Southwest University, et al.
1.33	Characterizing Methylmercury Bioaccumulation in Larval Dragonflies	Cailin Mackenzie, Oregon State University, et al.
1.34	Changes of aqueous mercury concentrations in a coastal freshwater wetland at North Carolina (USA) as impacted by storm surge due to Hurricane Florence in 2018	Yener Ulus, University of North Carolina at Greensboro, et al.
1.35	Biogeochemical cycle of mercury in the impact zone of pulp and paper mills at the mouth of the Northern Dvina River, Russia	Asya Ovsepyan, Southern Federal University, et al.
1.36	Mercury in Sediments and Fish of the Solimões River Basin, Triple Frontier Region (Brazil, Colombia and Peru)	Francisco Áureo Noronha Filho, PIBIC-Instituto Evandro Chagas, et al.
1.37	Influence of invasive macrophytes and gut microbiota on mercury contamination in fish: A microcosms study	Sophie Gentes, Universite Pau, et al.
1.38	Inorganic and methylmercury bioaccumulation, distribution and transformation in phytoplankton species	Thibaut Cossart, Environmental Biogeochemistry and Ecotoxicology, Department F.-A. Forel for environmental and aquatic sciences, Earth and Environmental Sciences, Faculty of Sciences, University of Geneva, Uni Carl Vogt, Bvd Carl-Vogt 66, CH-1211 Geneva 4, Switzerland, et al.
1.39	Methylmercury production and degradation under light and dark conditions in the water column of western US reservoirs	Chris Eckley, US Environmental Protection Agency, et al.
1.40	Interactions of mercury species with weathered microplastics	James Cizdziel, University of Mississippi, et al.
1.41	Patterns in mercury and selenium concentrations in water, sediment, biofilm, and invertebrate in streams draining mountaintop coal mining	Jacqueline Gerson, Duke University, et al.
1.42	Investigating seasonal variations in concentrations of mercury levels in two recently restored urban wetlands	Kristina Morales, Department of Biology, University of North Carolina Greensboro, NC, USA, et al.
1.43	Refractory components of natural organic matter from Lake Onega (Russia) protect phytoplankton from mercury	Vera Slaveykova, University of Geneva, et al.
1.44	Managing beavers to improve water quality: Effects on mercury in biota	Karin Eklöf, Swedish University of Agricultural Sciences, et al.
1.45	Mercury in bottom sediments of different water bodies in Central Vietnam	Yury Udodenko, Papanin Institute for Biology of Inland Waters Russian Academy of Sciences; Cherepovets State University, et al.

1.46	Spatial and temporal mercury export dynamics from wetland-dominated headwater catchments in the Boreal Plain, Canada	Colin McCarter, University of Toronto Scarborough, et al.
1.47	Periphyton is a heaven for mercury accumulation and algal diversity at high altitude environments	Achá Dario, Instituto de Ecología, Carrera de Biología, Universidad Mayor de San Andrés, et al.
1.48	Mercury (Hg2+) bioaccumulation in pico-, nano-, and microplanktonic species of the microbial food web of ultraoligotrophic Andean Patagonian lakes	Carolina Soto Cárdenas, INIBIOMA-CONICET-UNComa, Bariloche, Argentina, et al.
1.49	Mercury in river and floodplain of the Solimões and Negro basins (Brazilian Amazon)	Daniele Kasper, Universidade Federal do Rio de Janeiro, et al.
1.50	Tracing sources of mercury contamination in freshwater fisheries across space and time	Ryan Lepak, Cornell University and US Environmental Protection Agency, et al.
1.51	The distribution of mercury around the Lake Sentani, Papua, Indonesia	Takashi Tomiyasu, Graduate School of Science and Engineering, Kagoshima University, Japan, et al.
1.52	The distribution of mercury discharged by ASGM activity along the Riau River, Riau, Sumatra, Indonesia	Takashi TOMIYASU, Graduate School of Science and Engineering, Kagoshima University, Japan, et al.
1.53	The dynamics of mercury around the artisanal and small-scale gold mining area, Camarines Norte, Philippines	Sora YASUMATSU, Graduate School of Science and Engineering, Kagoshima University, Japan, et al.
1.54	Multi-year record of atmospheric mercury species at a background mountain station in Andean Patagonia (Argentina): temporal trends and meteorological influence	María C. Diéguez, INIBIOMA-CONICET-UNComa, Bariloche, Argentina, et al.
1.55	Mercury in sclerotia (shell and core) of the fungus Wolfiporia cocos from Yunnan, China	Jerzy Falandysz, 1University of Gdańsk, Environmental Chemistry and Ecotoxicology, Gdańsk, Poland 2Environmental and Computational Chemistry Group, School of Pharmaceutical Sciences, University of Cartagena, Cartagena, Colombia 3Institute of Medicinal Plants, Yunnan Academ, et al.
1.56	EFFECT OF DIET CHANGE AND FLOOD-PULSE ON THE MERCURY OF ICHTHYOFAUNA FROM A FLOODPLAIN LAKE IN THE BRAZILIAN AMAZON	Thaís Paiva, Laboratório de Radioisótopos Eduardo Penna Franca, Instituto de Biofísica Carlos Chagas Filho, Universidade federal do Rio de Janeiro. Avenida Carlos Chagas Filho, 373, Bloco G, Sl. 061, Rio de Janeiro, Brasil - CEP: 21941-902, et al.
1.57	Mercury fractionation in contaminated soils from the Oak Ridge site, Tennessee (U.S)	Ermira Begu, Department of Chemistry, Physics & Atmospheric Sciences, Jackson State University, Jackson, MS, USA. Department of Chemistry, University of Tirana, Tirana, Albania, et al.
1.58	Methylmercury in the oxic water column of a deep peri-alpine lake	Andrea Gallorini, University of Geneva, et al.
1.59	New insights on Hg-Se interaction in soil-rice system: the role of GEM	Chuanyu Chang, Institute of Geochemistry, Chinese Academy of Sciences, et al.
1.60	The toxicity of anthropogenic Hg affects the evolutionary response of microbes in the Northern Hemisphere	Alexandre J. Poulain, University of Ottawa, et al.

1.61	Primary factors influencing distribution of methylmercury in lakes and rivers: a pilot study for national mercury monitoring network in South Korea	Seunghee Han, GIST, et al.
1.62	Sediment Mercury and Methylmercury in 35 Chinese Lakes: Concentration Levels and Sedimentation Flux	Yu Chenghao, College of Urban and Environmental Sciences, Peking University, et al.
1.63	Mercury concentration and speciation in mine wastes in Tongren mercury mining area, southwest China and environmental effects	Junyao Yan, 13051493188, et al.
1.64	Spatial and temporal status of mercury in the polluted urban river 'Mithi' of Mumbai, India	Prashant Bhave, Associate Professor, Civil & Environmental Engineering Department, Veermata Jijabai Technological Institute, et al.
1.65	Seasonality of dipteran-mediated methylmercury flux from ponds	Matthew Chumchal, Texas Christian University, et al.
1.66	Mercury dynamics in sediments of a freshwater reservoir and its affluents in a preservation area in Federal District, Brazil	João Pedro Rudrigues de souza, Instituto de Química, Universidade de Brasília, et al.
1.67	Landscape and water chemistry controls of methylmercury levels in streams of a forested watershed in New Hampshire, USA	Vivien Taylor, Dartmouth College, et al.
1.68	Identifying terrestrial sources of mercury in streams of the Mackenzie River Basin, NW Canada	Christian Zdanowicz, Uppsala University, et al.
1.69	Eight-Year Trend (2010-2017) of mercury in the environment: patterns of mercury concentrations in water resources potentially impacted by coal-fired power stations in South Africa	Chavon Walters, Council for Scientific and Industrial Research, et al.
1.70	Effects of environmental drivers on past, present, and future mercury concentrations in fish from boreal and subarctic Scandinavia	Hans Fredrik Veiteberg Braaten, Norwegian Institute for Water Research, et al.
1.71	Effect of Body Size on Mercury Concentration in Shoreline Spiders	Matthew Chumchal, Texas Christian University, et al.
1.72	Chronology of Factors Controlling Holocene Mercury Accumulation of Lake Schurmsee (Germany)	Martin Schütze, Institut für Geoökologie, AG Umweltgeochemie, Technische Universität Braunschweig, Germany, et al.
1.73	Placing Hg flux from migrating Pacific salmon in context: estimating marine-derived inputs to freshwater ecosystems	Jessica Brandt, Contractor, U.S. Geological Survey - Columbia Environmental Research Center, et al.
1.74	Mercury speciation at the oxic/anoxic transition of a meromictic lake (Lake Pavin, Massif Central, France)	Delphine Tisserand, ISTERRE CNRS, et al.
1.3		
1.75	Isotopic Composition of Mercury in Norwegian Fjord Ecosystems	Michael Bank, Institute of Marine Research, Norway, et al.
1.76	Anomalous multiple-mercury isotope fractionation during UVC-photolytic oxidation of gaseous Hg0 in the atmosphere	Guangyi Sun, et al.
1.77	Combining mercury isotope and species analyses for the investigation of creek sediments downstream of a Hg(II) chloride contaminated industrial legacy site	Lorenz Schwab, University of Vienna, Vienna, Austria, et al.
1.78	Isotopic composition of atmospheric mercury at urban and rural sites in Korea: sources and transport pathways	Seam Noh, Chemicals Research Division, Environmental Health Research Department, National Institute of Environmental Research, Incheon 22689, Republic of Korea, et al.

1.79	Isotopic composition of mercury in precipitation and atmospheric particulate matters in a coastal environment	Lingling Xu, Institute of Urban Environment, Chinese Academy of Sciences, et al.
1.80	Mercury and carbon isotopes evidence for biogeochemical cycle of Hg in Capbreton submarine canyon sediments (Atlantic Ocean, SW France)	Alyssa Azaroff, UMR IPREM UPPA-CNRS, et al.
1.81	Mercury isotope fractionation and speciation in surface soils and drilling cores of industrial legacy sites contaminated by timber kyanisation with mercury(II) chloride.	David McLagan, Technische Universität Braunschweig, et al.
1.82	Pathways of Methylmercury Uptake into a Heterotrophic Marine Dinoflagellate	Patricia Myer, University of Connecticut, et al.
1.83	Relative importance of the degrees of food source pollution and biomagnification on mercury bioaccumulation in marine fishes	Kenji Yoshino, National Institute for Minamata Disease, et al.
1.84	Sediment archives of Hg concentration and isotopic composition in mountain oligotrophic lakes of the Central Pyrenees (Aragon, Spain)	Bastien Duval, Kimika Analitikoa Saila, Euskal Herriko Unibertsitatea UPV/EHU, Sarriena Auzoa z/g, 48940 Leioa (Basque Country) and CNRS/UNIV PAU & PAYS ADOUR, Institut des Sciences Analytiques et de Physico-chimie pour l'Environnement et les Matériaux, UMR 5254, 64000, et al.
1.85	The differential transport of inorganic mercury due to forestry practices on hillslopes: A field experiment using enriched stable isotope tracers	Colin McCarter, University of Toronto Scarborough, et al.
1.86	Use of stable mercury isotopes to assess the contribution of diffuse legacy sources of dissolved mercury to stream water.	Jason D. Demers, University of Michigan, Ann Arbor, Michigan, USA, et al.
1.87	Using Mercury Stable Isotopes to Assess Re-mobilization of Legacy Mercury in an Industrially Contaminated Stream	Elizabeth Crowther, University of Michigan, Ann Arbor, Michigan, USA, et al.
1.88	Using Mercury Stable Isotopes to Determine Sources of Mercury in the Food Web of the St. Louis River, MN, USA	Sarah Janssen, United States Geological Survey, et al.
1.8		
1.89	Mercury Uptake by Desulfovibrio desulfuricans ND132: Passive or Active?	Lijie Zhang, Environmental Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN 37830, USA, et al.
1.90	Kinetics of mercury methylation catalyzed by HgcAB	Eric Pierce, Oak Ridge National Laboratory, et al.
1.91	Impact of metabolism, thiols and mercury concentration on mercury methylation and hgcA expression in Pseudodesulfovibrio hydrargyri BerOc1.	Sophie Barrouilhet, IPREM-University of Pau, et al.
1.92	Time dynamics of low molecular mass thiol biosynthesis by anaerobic microorganisms and their multiple roles on mercury cellular uptake and methylation	Mareike F. Gutensohn, Umeå University, et al.
1.93	Thiol Functional Groups Associated with Natural Organic Matter and Bacterial Membranes: Concentrations and Thermodynamic Stabilities of Complexes Formed with Mercury(II)	Yu Song, Department of Forest Ecology and Management, Swedish University of Agricultural Science, SE-901 83 Umeå, Sweden, et al.
1.94	Abundance and diversity of hgcAB+ microbes in Chesapeake salt marsh soils - relationships to MeHg and site biogeochemistry	Grace Schwartz, Oak Ridge National Laboratory, et al.
1.95	Occurence, retention and methylation of mercury in soils of a historic cinnabar mined site, Gravelotte, South Africa	Phindile Ugwu, North West University, et al.

1.96	Determination of thiols complexes of mercury species in cultures of methylating bacterial strains	Lucia Fernandez Castillo, UMR IPREM UPPA-CNRS, et al.
2.7		
2.1	Association of energy metabolism biomarkers and mercury exposure in the Brazilian western Amazon	Iracina Maura de Jesus, Jesus, et al.
2.2	Burden of Mild Mental Retardation attributed to prenatal methylmercury exposure in Amazon: local and regional estimates	Ana Claudia Santiago de Vasconcellos, Santiago de Vasconcellos, et al.
2.3	The effects of intervention with high (tuna) and low (sardines) mercury (Hg) fish compared with control (no fish) on inflammatory and oxidative stress biomarker status	Marie Conway, Conway, et al.
2.4	The inverse association between methylmercury and disease activity in systemic lupus erythematosus patients is explained by n-3 polyunsaturated fatty acids from fish consumption.	Philip Allsopp, Allsopp, et al.
2.5	Methylmercury toxic effects on human stem cells from exfoliated deciduous teeth	Bruna Puty, Puty, et al.
2.6	Methylmercury effects on human oral cavity cells	Lygia S. Nogueira, Nogueira, et al.
2.7	New insights from the study of vulnerable populations exposed to mercury: genetic susceptibility, peripheral markers of neurotoxicity and the impact of large-scale projects in Amazon.	Maria Elena Crespo-Lopez, Crespo-Lopez, et al.
3.6		
3.1	Assessment of major anthropogenic sources and emissions of mercury in India	Bhargavi Mandadi, Master of science, et al.
3.2	Mercury removal from hard coal intended for the non-industrial combustion installations with the use of a method combining the dry deshaling and thermal pretreatment processes	Tadeusz Dziok, AGH University of Science and Technology, et al.
3.3	Selenium and Mercury in Soils and Mining Wastes from Artisanal Small-scale Gold Mining Areas along the Pra River Basin	Christiana Odumah Hood, Department of Physics, School of Physical Sciences, University of Cape Coast, Cape Coast, Ghana, et al.
3.4	UNDERSTANDING THE COMPLEX CHEMISTRY OF MERCURY IN AQUEOUS PHASE – THE ROLE OF MONOVALENT MERCURY	Andrej Stergarsek, Kemek, Ljubljana, Slovenia, et al.
3.5	Gaseous Elemental Mercury Adsorption and Recovery by Electrothermal Swing System with Activated Carbon Fiber Cloth	Bing-Ci Chen, National Taiwan University, et al.
3.6	Natural and low-cost manganese ore sorbents for elemental mercury removal from flue gas	Yingni Yu, Huazhong University of Science and Technology, et al.
3.7	Novel hybrid technique for mercury reduction in flue gases	Arkadiusz Ryfa, Silesian University of Technology, et al.
3.8	Recyclable and Regenerable Copper-Manganese Spinel-Type Sorbent for Mercury Capture from Flue Gas	Yingju Yang, Huazhong University of Science and Technology, et al.
3.9	Several approaches on the use of regenerable sorbents for the retention of mercury in the gas phase	Cristina Antuña-Nieto, Instituto Nacional del Carbón (INCAR-CSIC), et al.
3.10	Solubility of elemental mercury in different solvents and mixtures for the modelling of Hg partitioning throughout oil and gas processing	Martin Mueller, Trace Element Speciation Laboratory, Meston Building, University of Aberdeen, Aberdeen, AB24 3UE, UK, et al.
3.11	Speciation Changes and Capture of Mercury with Virgin and KI-impregnated Activated Carbon Injection on Hybrid Filter in Coal-fired Power Plant	Ha-Na Jang, Yonsei University, South Korea, et al.

3.12	The removal and recovery of Hg0 from coal-derived flue gas over novel MoS2 nanosheets containing materials	Tao WU, University of Nottingham Ningbo China, et al.
3.13	Industrial application of non-thermal plasma for the mercury and dioxins removal in flue gas	Zhen Li, 1. Beijing Advanced Sciences and Innovation Center, Chinese Academy of Sciences; 2.State Environmental Protection Engineering Center for Mercury Pollution Prevention and Control, et al.
3.14	Compact system for the monitoring of elemental mercury employing low-cost technologies.	Emiliano Zampetti, CNR-Istituto sull'Inquinamento Atmosferico, via Salaria km. 29,300 Monterotondo (Roma), et al.
3.15	Mercury geochemical prospection in medieval money forgers underhand workshop in Koněpruské caves	Šárka Matoušková, Institute of Geology of the Czech Academy of Sciences, et al.
3.16	MERCURY DISTRIBUTION IN THE PROCESSING OF NON-FERROUS ORES	Krzysztof Kogut, AGH University of Science and Technology, Faculty of Energy and Fuels, et al.
3.17	PRODUCTION OF ELECTRICITY, NON-FERROUS METALS AND CEMENT AS A SOURCE OF ANTHROPOGENIC MERCURY EMISSION IN POLAND	Krzysztof Kogut, AGH University of Science and Technology, Faculty of Energy and Fuels, et al.
3.18	GOLD CERTIFICATION AND SUSTAINABILITY IN BRAZILIAN ASGM	Zuleica Castilhos, Centro de Tecnologia Mineral, et al.
3.19	The amazing Spider-mine: Wolf spiders (Araneae, Lycosidae) as bioindicators of metal contaminants (Hg, Pb, Ag) near Arctic mine sites	Sophia V. Hansson, Department of Bioscience - Arctic Research Centre, Aarhus University, Denmark, et al.
3.20	Somewhat forgotten 30 year-old mercury hotspot in Central Europe and its impacts on aquatic biota	Michal Hosek, Faculty of the Environment, Jan Evangelista Purkyne University; Institute of Inorganic Chemistry, Academy of Sciences of Czech Republic, et al.
3.21	Mercury concentrations in soils and sediments in the vicinity of abandoned mercury mine area in Puerto Princesa City, Philippines	Jessie Samaniego, Department of Science and Technology - Philippine Nuclear Research Institute, et al.
3.22	Mercury Remediation of Carbon Steel from Production and Process Assets	Lee Hunter
3.23	Mercury Contamination within FSO/FPSO Marine Vessels, Current Practices and the Need for Correct Assessment & Removal	Lee Hunter
3.24	The potential of magnetic cellulose nanoparticles as eco-friendly sorbent for mercury speciation analysis	Rosa Carmen Rodríguez Martín-Doimeadios, University of Castilla-La Mancha, et al.
3.25	Mercury Behavior in Flowback Fluids after Well Workover	Junya Yamada, INPEX Corporation, et al.
3.26	Analysis of mercury content in biomass and its thermal processing products	Michał Wichliński, Czestochowa University of Technology, et al.
3.27	The relation between structural and textural characteristics of lignite and hard coal and mercury removal during pyrolysis process	Edyta Misztal, et al.
4		
4.1	Assessment of Occupational Safety and Health Hazards Exposure of Workers in Small Scale Gold Mining	Charlene Parafina, Occupational Safety and Health Center, Department of Labor and Employment, Philippines

4.2	Miners, Minerals and Minamata: Interdisciplinary Perspectives on Artisanal and Small-scale Gold Mining and Sustainable Development	Kirsten Dales, University of British Columbia, et al.
4.3	The “wicked problem” of mercury use in artisanal and small-scale gold mining: A conceptual framework to inform policy and research	Nicole Smith, Colorado School of Mines
4.4	Health and Risk Communication of Contaminants in the Dehcho and Sahtú Regions of the Northwest Territories, Canada	Kelly Skinner, School of Public Health and Health Systems, University of Waterloo, et al.
4.5	Markets against Mercury	Knud Sinding, University of Southern Denmark, et al.
4.6	Curbing Illicit Mercury and Gold Flows in West Africa: Options for a Regional Approach	Gabi Eigenmann, Grace Halla, Rocio Fernandez Garcia, et al.
4.7	Transiting Convention to an Integrated Code for Sustainable Development	Davidson Egirani, Niger Delta University, et al.
4.8	Artisanal and small-scale gold mining in the Puno region of Peru: A Case Study of Mercury Use in Formalized Operations	Gerardo Martinez, Colorado School of Mines, et al.
4.9	Mercury cycling and bioavailability at two contaminated estuarine sites in the Northeast U.S.	Vivien Taylor, Dartmouth College, et al.
4.10	A hybrid modelling/emulation method and web-based support tool to aid in the implementation of the Minamata Convention	Francesco De Simone, IIA-CNR, et al.
4.11	Developing technical guidance for the implementation of the Minamata Convention	Secretariat of the Minamata Convention on Mercury, UN Environment Programme
4.12	Tracing the depositional history of mercury to two coastal National Parks in the Northeast United States	Vivien Taylor, Dartmouth College, et al.
4.13	Measuring atmospheric mercury on a global scale with passive samplers	Alexandra Steffen, Environment and Climate Change Canada, et al.
4.14	Regional cooperation to monitor mercury wet deposition and atmospheric concentrations in the Asia-Pacific region	Da-Wei Lin, et al.
4.15	Preliminary study and pilot project for the comprehensive mercury monitoring network in South Korea	Kyoungsim Kim, Korea Environmental Corporation, et al.
4.16	Mercury levels in subsurface soils in residential areas (outdoor) next to antropogenic activities in Amazon	Thaís Karolina Lisboa de Queiroz, PPGSC-Universidade Federal do Rio de Janeiro / Instituto Evandro Chagas, et al.
4.17	Application of Minamata Convention on management of mercury contaminated sites after cinnabar mining	Andrea Zacharová, Faculty of Ecology and Environmental Sciences, Technical University in Zvolen, et al.
4.18	Progress on implementation of Minamata Convention in China	YI TIAN, Solid Waste and Chemicals Management Center,MEE, et al.
4.19	Mercury assessment of skin-lightening cosmetics and awareness raising among African, Asian and Caribbean Populations	Oksana Lane, Biodiversity Research Institute, et al.
4.20	Moving towards mercury-free future: the transition to mercury-free dentistry in Europe	Dorota Napierska, Health Care Without Harm (HCWH) Europe, 1 Rue de la Pépinière, 1000 Brussels, Belgium, et al.

4.21	Methylmercury poisoning (so-called Minamata disease) patients are not recognized as Minamata disease in Japan.	Naoji Hagino, Meeting to support The third Niigata Minamata Disease Lawsuit, et al.
4.22	Minamata Initial Assessments, associated mercury inventories and next steps for the Minamata Convention	David Evers, Biodiversity Research Institute, et al.
4.23	Mercury Spread to Soil: Urban and Industrial Contamination	Anahit Aleksandryan, Ministry of nature Protection of the Republic of Armenia, et al.
4.24	Summary data of estimated mercury releases per source category: 2015	Anahit Aleksandryan, Ministry of Nature Protection of the Republic of Armenia, et al.
4.25	The results of the estimated inventory of mercury-containing instruments in the health care system of the Republic of Belarus	Siarhei Sychyk, et al.
4.26	Trade-Induced Atmospheric Mercury Deposition and Outflow over China	Long Chen, East China Normal University, et al.
4.27	A scientometric analysis of mercury (Hg) research in the Amazon before and after the Minamata Convention	Lilian de Moraes Pinto, FUP/Universidade de Brasília, et al.
4.28	State-of-art of environmental indicators and metrics on mercury ambient air monitoring and potential tools to track progress of air mercury levels within the Minamata Convention	Alessandra Fino, National Research Council of Italy - Institute of Atmospheric Pollution Research (CNR-IIA), et al.
4.29	Education and Remediation Efforts to Reduce Mercury Use and Contamination in the ASGM sector of the Peruvian Regions of Puno and Madre de Dios	Charles Espinosa, Pure Earth, et al.
4.30	Mercury co-benefits of climate policies on rice mercury concentration and exposure in China	Ju Hyeon Lee, Division of Environmental Science and Engineering, Pohang University of Science and Technology, South Korea, et al.
4.31	Deliberation on Public Health Strategies for the ASGM sector that aim to meet the goals of the Minamata Convention	Mareike Kroll, Artisanal Gold Council, et al.
4.32	Mercury Pollution in Chile: Current Status and Future Prospects	Winfred Espejo, Melimoyu Ecosystem Research Institute, Fundación MERI, Santiago 7650720, Chile, et al.
4.33	The Dragonfly Mercury Project: Temporal trends in mercury concentrations of dragonfly biosentinels from Acadia National Park, Maine, USA	Megan C. Hess, Program in Ecology and Environmental Sciences, University of Maine, 5755 Nutting Hall, Orono, ME 04469, USA, et al.