

Workshop on Addressing Environmental Impact of War in Ukraine

Speaker Biosketches (in order of the agenda)

Name and Affiliation	Bio
Dr. Marcia McNutt President, National Academy of Sciences	<p>Marcia McNutt (NAS) is a geophysicist and president of the National Academy of Sciences. From 2013 to 2016, she served as editor-in-chief of the Science family of journals. Prior to joining Science, she was director of the U.S. Geological Survey (USGS) from 2009 to 2013. During her tenure, the USGS responded to a number of major disasters, including earthquakes in Haiti, Chile, and Japan, and the Deepwater Horizon oil spill. McNutt led a team of government scientists and engineers at BP headquarters in Houston who helped contain the oil and cap the well. She directed the flow rate technical group that estimated the rate of oil discharge during the spill's active phase. For her contributions, she was awarded the U.S. Coast Guard's Meritorious Service Medal. Before joining the USGS, McNutt served as president and chief executive officer of the Monterey Bay Aquarium Research Institute (MBARI), in Moss Landing, California. During her time at MBARI, the institution became a leader in developing biological and chemical sensors for remote ocean deployment, installed the first deep-sea cabled observatory in U.S. waters, and advanced the integration of artificial intelligence into autonomous underwater vehicles for complex undersea missions.</p> <p>Dr. McNutt began her academic career at the Massachusetts Institute of Technology (MIT), where she was the E.A. Griswold Professor of Geophysics and directed the Joint Program in Oceanography/Applied Ocean Science & Engineering, jointly offered by MIT and the Woods Hole Oceanographic Institution. Her research area is the dynamics of the upper mantle and lithosphere on geologic time scales, work that has taken her to distant continents and oceans for field observations. She is a veteran of more than a dozen deep-sea expeditions, on most of which she was chief or co-chief scientist.</p> <p>Dr. McNutt received a BA in physics from Colorado College and her PhD in earth sciences at the Scripps Institution of Oceanography. Her honors include membership in the American Philosophical Society and the American Academy of Arts and Sciences. She holds honorary doctoral degrees from the Colorado College, the University of Minnesota, Monmouth University, and the</p>

	<p>Colorado School of Mines. In 1988, she was awarded the American Geophysical Union's Macelwane Medal for research accomplishments by a young scientist, and she received the Maurice Ewing Medal in 2007 for her contributions to deep-sea exploration.</p> <p>Dr. McNutt served as president of the American Geophysical Union (AGU) from 2000 to 2002. She was chair of the Board of Governors for Joint Oceanographic Institutions, responsible for operating the International Ocean Discovery Program's vessel JOIDES Resolution and associated research programs. She is a fellow of AGU, the Geological Society of America, American Association for the Advancement of Science, and International Association of Geodesy.</p>
<p>Dr. Rita Colwell Distinguished University Professor Center for Bioinformatics & Computational Biology University of Maryland <i>Planning Committee Co-Chair</i></p>	<p>Rita Colwell (NAS) is distinguished university professor in the Center for Bioinformatics & Computational Biology at the University of Maryland at College Park and at Johns Hopkins University Bloomberg School of Public Health, senior advisor and chairman emeritus at Canon US Life Sciences, Inc., and founder and CEO of CosmosID, Inc. She is a microbial ecologist. Her research interests focus on global infectious diseases, water, and health. Dr. Colwell has studied the metabolism, systematics, evolution, and ecology of aquatic bacteria and viruses. Currently, she is developing an international network to address climate change and infectious diseases and water issues, including safe drinking water for both the developed and developing world. Other interests include K-12 science and mathematics education, graduate science and engineering education and the increased participation of women and minorities in science and engineering. Dr. Colwell served as the eleventh director of the National Science Foundation (NSF) from 1998 to 2004. In her capacity as NSF director, she served as co-chair of the Committee on Science of the National Science and Technology Council. She is the recipient of the National Medal of Science, Stockholm Water Prize, Order of the Rising Sun, Japan, Legion of Honor, France, and the Vanevar Bush Award, and has served on countless NAS committees. Dr. Colwell earned her Ph.D. in oceanography from the University of Washington.</p>
<p>Dr. Oleksiy K Kolezhuk Professor, Institute of High Technologies Leading Research Fellow, Institute of Magnetism Visiting Scholar Taras Shevchenko National University of Kyiv</p>	<p>Oleksiy K. Kolezhuk is Professor of Physics at the Institute of High Technologies of Taras Shevchenko National University of Kyiv (since 2010). He is also a leading Research Fellow at the Institute of Magnetism of the National Academy of Sciences of Ukraine (part-time). Currently, he is a Visiting Scholar (supported by a fellowship from the Alexander von Humboldt Foundation) at the Johannes Gutenberg University Mainz. He has been head of the Scientific Committee of the National Council of Ukraine on Science and Technology Development since 2019. His primary research is in the field of condensed matter theory (low-dimensional spin systems). He has been a</p>

<p>National Academy of Sciences of Ukraine Johannes Gutenberg University Mainz <i>Planning Committee Co-Chair</i></p>	<p>corresponding member of the National Academy of Sciences of Ukraine since 2021. He received a M.Sc. in 1988 at Kyiv State University; PhD in 1991 from the Institute of Metal Physics in Kyiv; Dr. habil.in 2001 from Hannover University; D.Sc. In 2004 from the Institute of Magnetism, Kyiv. He had the Heisenberg Fellowship of DFG (2004-2009) and research stays at Hannover University, Harvard University, and RWTH Aachen.</p>
<p>Yulia Ovchynnykova Member, Parliament of Ukraine Alliance of Liberals and Democrats for Europe (ALDE)</p>	<p>Yuliia Ovchynnykova is a Member of the Ukrainian Parliament, Head of the Subcommittee on Forest Resources, Biodiversity, Natural Landscapes, Nature Reserve Fund Objects, and Adaptation of Ukrainian Legislation to the Provisions of European Union Law of the Verkhovna Rada Committee on Environmental Policy and Nature Management. She is a member of the delegation of the Ukrainian part of the EU-Ukraine Parliamentary Association Committee, a member of the Permanent Delegation to the Parliamentary Assembly of the Council of Europe, and a member of the International Parliamentary Alliance for the Recognition of Ecocide, PhD in Biological Sciences.</p>
<p>Ambassador Oksana Markarova Ambassador of Ukraine to the United States</p>	<p>Oksana Markarova - Ambassador of Ukraine to the United States (since February 2021), Permanent Observer of Ukraine to the Organization of American States (since May 2021) and Ambassador of Ukraine to Antigua and Barbuda (since July 2023).</p> <p>Before she arrived in DC on Apr 20, 2021, she served in Ukraine's Ministry of Finance in 2015-2020 as First deputy Minister and Government commissioner on investments and then since 2018 as a Minister of Finance. During her time at the Ministry she was a co-author of Ukraine's macroeconomic revival program, has conducted unprecedented fiscal consolidation leading to deficit to GDP of 2% and debt to GDP reduction to below 50%, introduced midterm budgeting, gender oriented budgeting as well as negotiated, structured and coordinated successfully two IMF programs and other IFI cooperation programs. During her tenure she and her team has also created UkraineInvest government promotion agency, Ukrainian Startup fund and an eData ecosystem of government public finance portals including spending.gov.ua, openbudget.gov.ua and analytical instrument BOOST, which opened the majority of the public finance data to the public and increased Ukraine in all major international data transparency ratings.</p>
<p>Dr. Gerald Galloway Glenn L. Martin Institute Professor of Engineering</p>	<p>Dr. Gerald E. Galloway, Jr. is a Glenn L. Martin Institute Professor of Engineering, Department of Civil and Environmental Engineering and an Affiliate Professor, School of Public Policy, University of Maryland, College Park, Maryland, where his focus is on water resources policy and</p>

<p>University of Maryland <i>Planning Committee Member</i></p>	<p>management. He is also a Visiting Scholar at the US Army Corps of Engineers Institute for Water Resources. He joined the faculty of the University of Maryland following a 38 year career in the U.S. Army, retiring as Brigadier General, and served eight additional years in the federal government, most of which was associated with water resources management. He served for three years as District Engineer for the USACE in Vicksburg, MS and later, for seven years as a Presidential appointee to the Mississippi River Commission.</p> <p>Professor Galloway is the former Dean of the faculty and academic programs at the Industrial College of the Armed Forces, and former Dean of the academic board, United States Military Academy at West Point where he was also a professor of geography and the first head of the Department of Geography and Environmental Engineering. In 1993 and 1994 he was assigned to the White House to lead an interagency study of the causes of the Great Mississippi River Flood of 1993 and to make recommendations concerning the nation's floodplain management program. He holds a Master's degree in Engineering from Princeton; a Master's in Public Administration from Penn State (Capitol Campus), a Master's in Military Art and Science from the US Army Command and General Staff College and a Ph.D. in Geography (Water Resources) from the University of North Carolina (Chapel Hill).</p>
<p>Dr. Suzanne Fiederlein Director, Center for International Stabilization and Recovery (CISR) James Madison University</p>	<p>Suzanne Fiederlein, Ph.D., joined Center for International Stabilization and Recovery (CISR) in 1999, working in various positions including Associate Director before becoming Interim Director in 2020, and director in 2022. Her work at CISR has included a number of mine risk education (MRE), information management, victim assistance, and training projects. As coordinator of management training for CISR, Dr. Fiederlein directs the Senior Managers' Courses in Explosive Remnants of War and Mine Action, both those conducted at JMU multiple times since 2004 and those implemented on a regional basis (Tajikistan 2014, 2018; Vietnam 2015; Croatia 2017). Among her other varied project work for CISR she has managed the "We Love Life" MRE project in Jordan, worked extensively on efforts to enhance the effectiveness of casualty data collection and management, wrote the Landmine Casualty Data: Best Practices Guidebook (2008), furthered victim assistance activities in Latin America, and conducted program planning and evaluation workshops and studies. Early in her career at CISR she supported the development of the International Mine Action Standards in 1999-2001 and managed the International Mine Action Standards website for ten years. She currently serves on the IMAS Review Board. In addition to project management, Dr. Fiederlein leads many of CISR's team-based grant writing initiatives. She holds graduate degrees in Latin American Studies (M.A., Univ. of Texas) and Political Science (Ph.D., Univ. of Arizona) and has</p>

	served on the faculty of James Madison University, Virginia Commonwealth University and Eastern Mennonite University. Her fields of academic research include refugee policy, international law and organizations, and Latin American politics.
Jeff Caldwell Tetra Tech Team Lead Ukraine, U.S. Department of State	Jeff Caldwell is a Task Order Leader at Tetra Tech based in Pasadena, California. Previously, Jeff was a Deputy Task Order Leader at Tetra Tech and also held positions at Global Clearance Solutions, MineTech International, UXB International, Mines Advisory Group, Canadian Forces.
Paul Heslop Programme Manager for Mine Action, UNDP Ukraine	Paul Heslop is a Programme Manager for Mine Action at UNDP Ukraine.
Chris Whatley Executive Director, The HALO Trust USA	Chris Whatley joined HALO in June 2019. Prior to HALO, Chris served as Executive Director of the United Nations Association of the United States. Chris previously served as Deputy Executive Director of The Council of State Governments (CSG) and began his career as a field-based officer for the International Republican Institute (IRI), leading programs in Liberia, Nigeria, South Africa, and Zimbabwe.
Ihor Bezkaravainyi Deputy Minister of Economics of Ukraine	<p>Ihor Bezkaravainyi is the Deputy Minister of Economics of Ukraine. In this role he coordinates development of proposals and implementation of adopted decisions concerning: 1) the drawing up of proposals and the implementation of the adopted decisions as to the implementation of the state mine action policy on humanitarian demining; 2) ensures the implementation of powers to digitalize the apparatus of the Ministry of Economy. He is responsible for directing, coordinating and controlling the performance of the Department for Digital Development and Electronic Services and the sector of organizational and analytical support for the work of the Deputy Minister.</p> <p>October 2014 to November 2016 – military service in the Armed Forces of Ukraine;</p> <p>March 2017 to April 2017 – Chief Specialist of the Department of National and Patriotic Education, Internal Audit Sector of the Ministry of Youth and Sports of Ukraine;</p> <p>January 2018 to December 2019 – Chief Specialist of the Department of Organization and Provision</p>

	<p>of Public Procurement of the Department of Economy and Financial Policy, Department of Organization and Provision of Public Procurement of the Department of Financial and Economic Affairs, Accounting and Financial Reporting, State Expert of the Expert Group on Strategic Planning of the Directorate for Strategic Planning and European Integration of the Ministry of Health of Ukraine;</p> <p>January 2020 to June 2020 – Leading Expert on Project and Program Management of the Department of Project and Program Management of the State Enterprise "ProZorro.Sales";</p> <p>June 2020 to December 2021 – Deputy Minister of Veteran Affairs of Ukraine;</p> <p>July 2022 to May 2023 – Technical Advisor of the Veterans Reintegration Program, IREX.</p> <p>Veteran, served in the 93rd Separate Mechanised Brigade (now Kholodnyi Yar). In 2015, he participated in hostilities in the East of the country. In the area of Karlivka, in Donetsk Oblast, he was injured when anti-tank mine exploded. Bronze medalist at the Invictus Games 2020, held in April 2022 in The Hague, Netherlands.</p> <p>By order of the Cabinet of Ministers of Ukraine No. 630-r of 18 July 2023, he was appointed Deputy Minister of Economy of Ukraine.</p>
<p>Dr. Bernard Amadei Distinguished Professor Department of Civil Engineering University of Colorado, Boulder <i>Planning Committee Member</i></p>	<p>Dr. Amadei is Distinguished Professor and Professor of Civil Engineering at the University of Colorado at Boulder. He received his PhD in 1982 from the University of California at Berkeley. Dr. Amadei is the Founding Director of the Mortenson Center in Engineering for Developing Communities. He is also the Founding President of Engineers Without Borders - USA and the co-founder of the Engineers Without Borders-International network. Among other distinctions, Dr. Amadei is the 2007 co-recipient of the Heinz Award for the Environment; the recipient of the 2008 ENR Award of Excellence; the recipient of the 2015 Washington and ASCE OPAL awards; the recipient of the 2016 C. H. Dunn Award of the Construction Industry Institute; an elected member of the U.S. National Academy of Engineering and the National Academy of Construction; and an elected Senior Ashoka Fellow. He holds seven honorary doctoral degrees (UMass Lowell; Carroll College; Clarkson; Drexel; SUNY-ESF; Worcester Polytechnic Institute; and Technion in Israel). In 2013 and 2014, Dr. Amadei served as a Science Envoy to Pakistan and Nepal for the U.S.</p>

	Department of State. Dr. Amadei holds a commercial pilot license (multi-engine land, instrument).
Dr. Joseph Hughes Distinguished University Professor, College of Engineering Drexel University	<p>Professor Joseph Hughes Ph. D., P.E., BCEE, F. AEESP, is recognized internationally as an educator-scholar. He currently holds the position of Distinguished University Professor of Engineering at Drexel University. He served as Dean of Engineering at Drexel from 2012 to 2017 and Director of the A.J. Drexel Institute for Energy and Environment from 2014 to 2019. Prior to his appointment at Drexel University, he served at Georgia Tech as the Karen and John Huff School Chair of Civil and Environmental Engineering, the Howard T. Tellepsen Chair of Civil and Environmental Engineering, and Professor of Material Science and Engineering. He served at Rice University at all academic ranks, including the George R Brown Chair of Engineering and Department Chair of Civil and Environmental Engineering.</p> <p>Professor Hughes is a registered Professional Engineer, a Diplomat by Eminence of the American Academy of Environmental Engineering and Science, and Fellow of the Association of Environmental Engineering and Science Professors. Professor Hughes has received awards for his teaching and research including, the Georgia Engineer of the Year in Education; the McKee Medal from the Water Environment Federation; and the Walter P. Huber Research Prize from the American Society of Civil Engineers. He is served as the Chair of the Science Advisory Board of the DOD/DOE/EPA environmental remediation program “SERDP”, has served in advisory roles to the EPA and the NRC, and is a member of the Governor of Pennsylvania Health Advisory Board. He has published extensively in journals, book chapters, edited books, and peer reviewed conference proceedings.</p> <p>Professor Hughes received his Ph.D. and M.S. degrees from the University of Iowa in Civil and Environmental Engineering and a B.A. from Cornell College in Chemistry. Working with the United States Institute of Peace, Professor Hughes formally established the field of Peace Engineering in 2014. His activity in Peace Engineering began in 2003 conducting research in post-civil war Angola. Today, Professor Hughes teaches in the multidisciplinary area of Peace, Conflict, Violence and Engineering and leads several Peace Engineering research projects. He is a faculty affiliate of the Peace Engineering Program at the University of New Mexico and collaborates closely with the Georgia Tech Research Institute, the Georgia Tech Sam Nunn School of Foreign Policy, the Hauge Peace Innovation Lab, and the Center for the Future of War at Arizona State University. Professor Hughes currently serves on the U.S.-Ukraine Foundation</p>

	Task Force on Ukraine Reconstruction.
Dr. Nazar Kholod Research Scientist and Country Coordinator for Ukraine, Net Zero World Pacific Northwest National Laboratory	Dr. Nazar Kholod is a staff scientist at the Joint Global Change Research Institute, a collaboration between the University of Maryland and the Pacific Northwest National Laboratory. Nazar is the Ukraine Country Coordinator for the Net Zero World Initiative, a flagship international initiative of the US Department of Energy that helps countries rebuild their economies in a clean and sustainable way to achieve net zero emissions. In this capacity, Nazar is working with six DOE's national laboratories to provide support to the Government of Ukraine in its efforts to rebuild the country. Net Zero World is working on energy modeling, renewable energy resources, capacity building, and sectoral decarbonization strategies. Before joining PNNL in 2012, Dr. Kholod worked at the Peterson Institute for International Economics in Washington, DC. He was also an Associate Professor at Lviv National University, Ukraine, where he obtained his Doctor of Science degree.
Dr. Peter Gleick President-emeritus, Senior fellow Pacific Institute	<p>Dr. Peter Gleick is a world-renowned expert, innovator, and communicator on water and climate issues. In 1987 he co-founded the Pacific Institute, which he led as President until mid-2016, when he became President-Emeritus. In 2022 he became the organization's first Senior Fellow.</p> <p>Gleick developed one of the first analyses of climate change impacts on water resources, the earliest comprehensive work on water and conflict, and defined basic human need and right to water – work that has been used by the United Nations and in human rights court cases. He developed and advanced the concepts of the “soft path for water” and “peak water.” He has worked extensively on the links between water and conflict, including the impacts of the Russia-Ukraine war on water and water infrastructure in Ukraine.</p> <p>Peter received the prestigious MacArthur “Genius” Fellowship and is a member of the U.S. National Academy of Sciences and the American Academy of Arts and Sciences. He serves on the boards of numerous journals and organizations, and is the author or co-author of many scientific papers and 13 books. Dr. Gleick holds a B.S. from Yale University and an M.S. and Ph.D. from the University of California, Berkeley. Additional information and links to some of Gleick's writings and publications can be found at www.gleick.com.</p>
Dr. Antar Jutla Associate Professor, Environmental	Dr. Antar Jutla is an Environmental Engineering Sciences associate professor at the University of Florida Gainesville, FL. He received Ph.D. in Civil and Environmental Engineering from Tufts

<p>Engineering Sciences University of Florida</p>	<p>University, Massachusetts. The central theme of his research is to understand the role of humans in the hydrological cycle or, in other words, the coupling between natural and human systems. Within this context, the bulk of his research has focused on quantifying the influence of weather, climatic and environmental processes on the abundance and presence of infectious pathogens and, after that, predicting the risk of the outbreak of water-related diseases in the human population. Dr. Jutla has developed a highly interdisciplinary platform- Geohealth and Hydrology Laboratory that specializes in the use of satellite remote sensing data to develop algorithms to identify complex spatio-temporal patterns to address issues of changing variability in climatic processes on the emergence of pathogenic niches. His research has been funded through National Aeronautics and Space Administration (NASA), US National Institutes of Health (US NIH), US National Science Foundation(NSF)- including a CAREER award, United States Department of Agriculture (USDA), United States Geological Survey (USGS), Environmental Protection Agency (EPA), United Kingdom Department for International Development (UK DfID) and US Department of Transportation (USDOT).</p>
<p>Dr. Boris Faybishenko Earth Staff Scientist, Lawrence Berkeley National Lab</p>	<p>Boris Faybishenko, Ph.D, Doctor of Science, Foreign Member of the Ukrainian Academy of Agrarian Sciences, is Earth Staff Scientist at the Energy Geosciences Division of Lawrence Berkeley National Laboratory, Berkeley, California, USA.</p> <p>He has conducted field and modeling investigations of flow and chemical transport in soil and groundwater related to site characterization, monitoring, and remediation of organic, metal, and radioactively contaminated soil and groundwater and nuclear waste disposal in geological formations. Conducted statistical analysis of hydrological and meteorological data. PI and Co-PI of projects conducted at the U.S. DOE radioactively contaminated sites and in other countries—Chornobyl (Ukraine); Fukushima Daichi NPP (Japan); Mayak, Karachay Lake, Krasnoyarsk, Tomsk (Russia); Ezeiza Nuclear Waste disposal site and the Areco site (Argentina). Lecturer at the International Atomic Energy Agency (IAEA) and the University of California, Berkeley. Presented over 80 invited and keynote presentations at the U.S. and International Conferences, Workshops, and Symposiums. Senior Editor of Oxford Research Encyclopedia, Environmental Sciences. Received Lawrence Berkeley National Laboratory Directors' 2019 Award for Exceptional Achievement in the Area of Societal Impact. Authored and co-authored over 170 peer-reviewed scientific publications (including 3 books/monographs, 8 book chapters, editor of seven books, and 8 patents and inventor's certificates). Co-lead of the MIT-Ukraine Water Project.</p>

<p>Maksym Popov Advisor to the Prosecutor General of Ukraine</p>	<p>Maksym Popov is the Adviser to the Prosecutor General of Ukraine. Since 2011, Maksym has been working as an attorney at law. Since 2015, he has become an environmental lawyer and human rights defender. His work focused on protecting the natural environment through the rule of law principle and litigation: law enforcement in conservation and protected areas, promoting citizens' and NGOs' right to access information and justice in environmental matters, and legal aid to human rights defenders of the human right to clean, healthy and sustainable environment. Since October 2022, Maksym has held the position of Adviser to the Prosecutor General. He is leading the direction of prosecuting ecocide and environmental war crimes resulting from the Russian aggression against Ukraine.</p>
<p>Dr. Deanna Behring Assistant Dean and Director, Ag Sciences Global; Afficilate Faculty, School of International Affairs Pennsylvania State University <i>Planning Committee Member</i></p>	<p>Dr. Deanna Behring currently serves as the Assistant Dean and Director of Ag Sciences Global in the College of Agricultural Sciences at The Pennsylvania State University, as well as Affiliate Faculty in Penn State's School of International Affairs. She came to Penn State after more than a decade in Washington, DC, serving as the Assistant Director for National Security and International Affairs in the White House Office of Science and Technology Policy in the Clinton/Gore Administration. She also held positions in the Central Intelligence Agency and the Department of Commerce's Technology Administration. Dr. Behring currently manages a large portfolio of international research, teaching and outreach related to food security globally. In addition, her PhD in communications was focused on advancing creative outcomes among multicultural groups via various technologies, an expertise that served her well during COVID-19 and continues during times of global uncertainty. Her recent honors from Penn State include the Lifetime Achievement Award and the Achieving Women Award. Albion College recently awarded her the Distinguished Alumni award and the Association for International Agriculture and Rural Development recognized her with the Distinguished Service Award. Dr. Behring speaks French and Chinese.</p>
<p>Dr. Inbal Becker-Reshef Research Professor University of Maryland</p>	<p>Dr. Becker-Reshef's work is focused on advancing the use of satellite information for agricultural monitoring at the field to global scales, supporting decisions in food security and agricultural markets. This work is motivated by the huge potential for increasing the operational utilization of Earth Observations for human welfare issues and specifically food security. She is the Director of the NASA Harvest Program, NASA's Applied Sciences Food Security and Agriculture Program, and worked closely with national and international partners to initiate the G-20 GEOGLAM (GEO Global Agricultural Monitoring) Initiative adopted in 2011. Within this initiative she is a Program Scientist at the GEOGLAM Secretariat and leads the Crop Monitor initiative providing monthly, global crop</p>

	assessments and early warning of areas of potential crop production shortfalls. She is a member of the GEOGLAM-Committee on Earth Observation Satellites (CEOS) Technical Team, the NASA Water Resources Applied Science Team, the NASA LCLUC (Land-Use Land-Cover Change) Science Team and leads the NASA SERVIR Food Security and Agriculture Theme of the Applied Sciences Team and was awarded the US APEC ASPIRE Prize for work on Technologies for Food Security.
Dr. Yuriy Kravchenko Managing Director Soil Science and Soil Conservation Department, National University of Life and Environmental Sciences of Ukraine	Yuriy Kravchenko is an Associate Professor of Soil Science and Soil Conservation Department at the National University of Life and Environmental Sciences of Ukraine.
Andrii Martyn Department of Land-Use Planning, National University of Life and Environmental Sciences of Ukraine	<p>Andrii Martyn is a well-known specialist in land and agrarian policy, land surveying, real estate valuation, land cadastre, licensing system, and land law. He has more than 20 years of experience in the public (design and research institutions in land surveying and land valuation) and private sector (legal and engineering consulting). He has worked as Deputy Director for Technical Issues in the World Bank's "Rural Land Titling and Cadastre Development Project for Ukraine", an expert on USAID, UNDP, and OECD projects. He's the developer and co-developer of many legal acts on land relations, land decentralization, and deregulation, land management, land valuation, spatial planning, and geospatial data infrastructure in Ukraine.</p> <p>He holds a Doctor of Economic Sciences, Professor, thesis topic "Regulation of the Land Market in Ukraine". He is a Member of the Council for the National Infrastructure of Geospatial Data, and member of the Commission for the Audit of Damages Caused to Ukraine as a Result of Armed Aggression by the Russian Federation. He graduated from the National Agrarian University in "Land Surveying and Cadastre", "Law" and "Forestry". He attended professional training programs in Poland, Germany, France, and the USA. He is a certified land surveyor and geodesist, land appraiser, auctioneer for conducting land auctions, a specialist in the sale of state property in the process of privatization, and forensic expert.</p>
Andriy Zayika Deputy Director, Agro Ukraine USAID	Andriy has been Deputy Director of USAID Agriculture Growing Rural Opportunities (AGRO) Activity in Ukraine since November 2020. He has 19 years of professional experience working in public administration and international assistance, including managing projects and programs in

	development and humanitarian contexts, public policy analysis, policy advice, and private sector development. Prior to joining USAID AGRO, he worked in the United Nations Development Program in Ukraine (2007-2013, 2015-2020) to implement economic development and MSMEs support programs, including in the agricultural sector, and in the UN World Food Program (2014-2015) to deploy immediate emergency response in Ukraine. He holds BA and MA degrees in International Relations from the Institute of International Relations, Kyiv National Taras Shevchenko University. He is a certified project manager (PRINCE2)
Denys Bashlyk Deputy Minister of the Ministry of Agrarian Policy and Food of Ukraine	In 2011 graduated from The Kyiv Institute of International Relations, specializing in International Affairs. Since 2012 works for the Ukrainian government. Held managerial positions in the executive government bodies. In 2022 appointed as a deputy-minister of Minister of Agrarian Policy and Food of Ukraine.
Dr. Pavel Gol'din Professor and Leading Researcher, Department of Evolutionary Morphology, Schmalhausen Institute of Zoology, National Academy of Sciences of Ukraine <i>Planning Committee Member</i>	Dr. Gol'din is a Full Professor and Leading Researcher at the Department of Evolutionary Morphology, Schmalhausen Institute of Zoology, National Academy of Sciences of Ukraine (Kyiv, Ukraine), and Senior Researcher at the Lab of Marine Vertebrates and Ukrainian Scientific Center of Ecology of the Sea (Odesa, Ukraine). Earlier he served as a researcher at the Museum of Southern Jutland – Natural History and Palaeontology (Gram, Denmark) and before 2014 as an assistant professor at the Vernadsky Taurida National University (Simferopol, Ukraine). Dr. Gol'din is a zoologist, a researcher focusing on marine mammals and their environment. His area of research includes mammalian evolution, anatomy and development, paleontology of marine mammals, structure and dynamics of populations of marine mammals, conservation of marine and coastal areas. He is a coauthor of papers on biology of whales, dolphins and other mammals published in Nature Communications, Current Biology, eLife, Biological Journal of the Linnean Society, Evolutionary Biology, Journal of Vertebrate Paleontology, Marine Ecology Progress Series, etc. He is the editor of the Sixth National Report of Ukraine on the Implementation of the Convention on Biological Diversity, and an expert of the Operational Headquarters at the State Environmental Inspectorate of Ukraine for assessment of damage caused by Russia's war. He is also a member of the ACCOBAMS Scientific Committee; the National Contact Person in Ukraine for the European Cetacean Society, and an expert for the IUCN Species Survival Commission (Important Marine Mammal Areas). He received an MSc in Biology (2000; Vernadsky Taurida National University); a PhD in Zoology (2006; Schmalhausen Institute of Zoology); habilitation in Zoology (2021; Schmalhausen Institute of Zoology), and has been a Full Professor since 2023.

Dr. Anna Kuzemko Leading Researcher M.G. Kholodny Institute of Botany National Academy of Sciences of Ukraine Planning Committee Member	Anna Kuzemko is a scientist specializing in vegetation science, particularly in phytosociology and bioinformatics. She initiated the development of the National Phytosociological Database of Ukraine (UkrVeg) and serves as the custodian of the Ukrainian Grassland Database - the first Ukrainian database to be integrated into international databases such as the European Vegetation Archive (EVA) and sPlot - The Global Vegetation Database. Anna holds the position of editor-in-chief for National Catalog of Habitats of Ukraine (2018) and the Atlas of Grassland Habitats of Ukraine (2022). Furthermore, she served as the coordinator for the botanical part of the Emerald Network of Ukraine and contributed to the drafting of the law "On the territories of the Emerald Network of Ukraine." Anna Kuzemko is also a co-founder of the NGO Ukrainian Nature Conservation Group and serves as a Council member of the International Association for Vegetation Science. Moreover, she holds the position of Governing Board member of the European Vegetation Survey Working Group. In the face of the full-scale invasion of Ukraine by the Russian Federation, Anna has been actively engaged in various projects assessing the impact of military operations and temporary occupation on natural ecosystems.
Dr. Yakiv Didukh Kholodny Institute of Botany, NAS of Ukraine	Prof. Yakiv Didukh is the Head of the Department of Geobotany and Ecology at the M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine. His research focuses on the protection, classification, dynamics, and zonation of vegetation, as well as the assessment of the impact of external environmental factors on the structure and distribution of vegetation. He has developed ecological scales of Ukrainian flora species and a methodology for phytoindicative analysis of habitats. He is mainly engaged in assessing the impact of climate on vegetation, as well as assessing the damage to ecosystems caused by the military actions of the Russian Federation.
Dr. Yuriy Kuzmin Leading Researcher, Schmalhausen Institute of Zoology, NAS of Ukraine	Yuriy Kuzmin, PhD, DSc. Born in 1969 in Kyiv, Ukraine. Graduated from Taras Shevchenko University in Kyiv in 1993. Zoologist, parasitologist. Leading researcher at the Department of Parasitology, Schmalhausen Institute of Zoology (Kyiv, Ukraine). Field of studies: systematics, phylogeny, evolution and biology of animal-parasitic nematodes; ecology of parasites.
Dr. Mykhailo Son Institute of Marine Biology, NAS of Ukraine	Mykhailo Son. Doctor of Science (biology). Senior Researcher and Head of the Ecosystem Sustainability Assessment Department at the Institute of Marine Biology, National Academy of Sciences of Ukraine. The main area of research is biological invasions and the state of relict and endemic biodiversity of the Black Sea region
Dr. Oleh Prylutskyi	Associate professor at the School of Biology, V.N. Karazin Kharkiv National University, Ukraine.

Associate Professor Department of Mycology and Plant Resistance Karazin Kharkiv National University	Mycologist whose focus extends from fungal diversity to the spatial and temporal ecology of fungi, geoinformatics, remote sensing, vegetation mapping, and biodiversity informatics. Launched the largest biodiversity data publication server in Ukraine, which helps Ukrainian scientists in publishing open biodiversity data through GBIF. An author of numerous master classes, video tutorials, and blogposts helping Ukrainian researchers getting into spatial science and open biodiversity data.
Anastasiia Drapaliuk Ukrainian Nature Conservation Group	Received a Master's degree at West Ukrainian National University and at the University of Klagenfurt, Austria (Master of Science in Management of Protected Areas). From 2004 to 2022, she worked in the public sector (State Service of Protected Areas, Ministry of Environmental Protection and Natural Resources of Ukraine) in the areas of creation and management of protected areas of national regional and international importance, organization of the PAs Ranger Service in Ukraine, implementation of the provisions of the EU Habitat and Bird Directives in Ukraine. Since 2022, she has been working in the non-governmental sector in the direction of preserving the biodiversity of Ukraine and developing of protected areas network.
Dr. John Zimmerman Adjunct Professor Department of Physics and Astronomy James Madison University Planning Committee Member	Dr. John C. Zimmerman is an Adjunct Professor of Physics in the Department of Physics and Astronomy at James Madison University. He was previously a technology broker with the U.S. Office of Naval Research Global developing joint science and technology projects with researchers in Central Europe and the Former Soviet Union; in this capacity, he was on contract from the Civilian Research and Development Foundation (CRDF Global). Earlier, he represented the U.S. at the Science and Technology Center in Ukraine (Kyiv), and before that, was a Foreign Service Officer, serving twice as Science Counselor at Embassy Moscow. Dr. Zimmerman was a Fulbright Scholar in Yugoslavia (1970-71) and is a member of the American Physical Society, Sigma Pi Sigma, and Pi Sigma Alpha. He holds a Ph.D. in physics and was a member of the RESET: Ukraine Working Group at NASEM.
Mr. Curtis 'BJ' Bjelajac Executive Director Science and Technology Center in Ukraine	Curtis "BJ" Bjelajac is the Executive Director and Head of Diplomatic Mission of the intergovernmental Science and Technology Center in Ukraine (STCU), headquartered in Kyiv, Ukraine. Mr. Bjelajac is the STCU's sixth Executive Director, having been appointed to this position in 2014. STCU works to prevent the spread of WMD technical know-how through cooperative activities with scientists and technicians who have weapons-usable expertise. STCU membership include European Union, Ukraine, the United States of America, Azerbaijan, Georgia, and Moldova.

	<p>From 1999 until 2014, Mr. Bjelajac was the Chief Financial Officer of STCU, responsible for managing over \$20 million per year in financial transactions, as well as supervising the STCU Financial Office of project accountants and IT systems staff. Previous to this, Mr. Bjelajac also was a senior business consultant for Arthur Anderson LLP, leading and executing a blend of process, technology, financial, and innovative implementation methodologies creating sustainable competitive advantages for over 15 clients within the entertainment, manufacturing, banking, and property management industries.</p> <p>Mr. Bjelajac graduated with a bachelor's of science degree in accounting from California State University Long Beach and an M.B.A in Entrepreneurial Studies from the Anderson School of Management at the University of California Los Angeles.</p>
<p>Dr. Alexander Sich Assistant Professor of Physics Kennesaw State University</p>	<p>Dr. Alexander R. Sich is Assistant Professor of Physics at Kennesaw State University. He earned a B.S. in Nuclear Engineering and Physics from Rensselaer Polytechnic Institute, an M.A. in Soviet Studies from Harvard University, an M.A. in Aristotelian-Thomist Philosophy from Holy Apostles College and Seminary, and a Ph.D. in Nuclear Engineering from the Massachusetts Institute of Technology. Dr. Sich's doctoral research was conducted in Ukraine at the site of the 1986 Chernobyl disaster, where he was the first westerner permitted to live and conduct research within the 30-km Exclusion Zone. His dissertation explored what actually transpired at Unit-4 following its initial destruction—exposing the false narrative presented by the Soviets to the IAEA.</p> <p>Dr. Sich's professional experience includes working for (1) the Nuclear Safety Account of the European Bank for Reconstruction and Development, (2) the Department of Energy Pacific Northwest National Laboratory—for which he was the DOE's Representative on Nuclear Safety in Ukraine and also Senior Project Coordinator as part of an International Consortium that managed initial decommissioning activities at Chernobyl Unit-4, and (3) the Department of State to support Science and Technology Center of Ukraine (STCU) in efforts to engage former Soviet WMD scientists in the conversion of military science expertise to civilian uses. Additionally, Dr. Sich was a Fulbright Senior Research and Teaching Fellow at the Ukrainian Catholic University during 2014-15, and he has taught physics, the philosophy of nature, mathematics, and engineering statics since the Fall 2009.</p>

	Dr. Sich has delivered 74 presentations and interviews, and has 64 publications of which 14 are peer reviewed—including in the Wall Street Journal, Newsday, Boston Globe, Bulletin of the Atomic Scientist, Nuclear Engineering International, Nuclear Safety, the chapter on Chernobyl in the Encyclopedia of Nuclear Energy, National Review Online, The Diplomat, a chapter critical of Intelligent Design in a published compendium on the topic, and others. He has written not only on matters of nuclear safety but on the philosophy of nature—focusing on the relationship of the natural sciences and philosophy, and also on issues of faith and the ongoing war of Russia against Ukraine
Dr. Olena Pareniuk Senior Researcher Institute for Safety Problems of Nuclear Power Plants, NASU	Dr. Olena Pareniuk is a senior researcher in the Institute for Safety Problems of Nuclear Power Plants of National Academy of Sciences of Ukraine and Associated professor of National University of Life and Environmental Sciences of Ukraine. Her studies radiation microbiology, focusing on the bacterial diversity of radionuclide contaminated soil of Chernobyl and Fukushima exclusion zones, as well as bacterial inhabitants of corium in the destroyed units of both NPPs. She obtained her PhD in 2013 from the National University of Life and Environmental Sciences of Ukraine and spent two years in the postdoc fellowship in Japan, in the Institute of Environmental Radioactivity of Fukushima University. She is a main project researcher of several projects focusing on biodiversity of fuel-containing mat
Denys Vyshnevski Head of the Research Department Chernobyl Radiation and Ecological Biosphere Reserve	Denys Vyshnevski, Head of the Research Department, Chernobyl Radiation and Ecological Biosphere Reserve in Ivankiv, Ukraine.
Mark Zheleznyak Adjunct Senior Researcher, Department of Environmental Modelling, The Institute of Mathematical Machines and Systems Problems, NASU	Adjunct Senior Researcher, Institute of Mathematical Problems of Machines and Systems, (IMMSP) NAS Ukraine. Head of Department IMMSP 1986-2015. Since May 1986, Dr Zheleznyak has been responsible for the development and implementation of the State Decision Support System for the prediction of ¹³⁷ Cs and ⁹⁰ Sr transport in rivers affected by the Chernobyl accident and for the justification of water protection measures. Since the early 1990s, the models developed by his team have been implemented in the EC-funded real-time online decision support system for nuclear emergencies - RODOS. In mid-2010, the RODOS system was installed in Ukraine's Emergency Response Centers to simulate the consequences of potential accidents at all Ukrainian NPPs and in the Chernobyl Exclusion Zone. As a staff member of the Institute of Environmental

	<p>Radioactivity (IER), Fukushima University, he was involved in research on modelling radionuclide transport in rivers and reservoirs contaminated after the Fukushima-Daiichi accident in 2013-2023. Visiting Professor at IER (since 2023). Head of the Scientific Council of the State Environmental Inspectorate of Ukraine (since 2023).</p> <p>Since 24.02.2022 he is involved in a number of projects on model-based assessment of the environmental impact of the war in Ukraine.</p>
<p>Dr. Eugene Stakhiv Adjunct Lecturer, Department of Environment Studies, Johns Hopkins University Visiting Scholar, UNESCO International Center for Integrated Water Resources Management Planning Committee Member</p>	<p>Eugene Stakhiv is currently retired after 40 years with US Army Corps of Engineers, and has been lecturing at Johns Hopkins U, Dept of Environmental Studies, for the past decade. During this period, he is also Visiting Scholar at UNESCO's International Center for Integrated Water Resources Management. During his career, he has led large interagency and international research groups studying climate change and ecological impacts of water resources development, including co-chair of first and second UN IPCC . Dr Stakhiv also led two 5-year US-Canada studies of Great Lakes water management studies that resulted in changes in regulations to adapt to future climate conditions and improve ecosystem health. Dr Stakhiv was selected as Maass-White Scholar at the Corps' Institute for Water Resources [2015], and received an honorary PhD at Lviv [Ukraine] Polytechnical University [2021]. Stakhiv has a Master's degree in Physical Oceanography Engineering [1968], and a doctorate in Water Resources Systems Engrg [1989]. During the course of his work with the Corps of Engineers' Institute for Water Resources, Dr Stakhiv organized and financially supported several NRC studies on hydrology, ecosystems, water resources management and climate change, and was invited to participate as speaker in many other NRC fora.</p>
<p>Dr. Eoghan Darbyshire Senior Researcher The Conflict and Environment Observatory</p>	<p>Eoghan has been remotely monitoring the environmental dimensions of conflicts for over five years at the UK based NGO the Conflict and Environment Observatory. He has developed and adapted tools and techniques for understanding the manifold impacts of war in Yemen, Libya, Nagorno-Karabakh, Tigray and beyond. Since 2022 he has led the development of a novel environmental incident assessment database and applied it to track harm Ukraine and Sudan. He holds a PhD in atmospheric science.</p>
<p>Iryna Dronova Associate Professor, Landscape Architecture and</p>	<p>Iryna Dronova is an associate professor jointly appointed in the Departments of Environmental Science, Policy & Management (Rausser College of Natural Resources) and Landscape Architecture & Environmental Planning (College of Environmental Design). She is interested in diverse aspects</p>

<p>Environmental Planning, University of California Berkeley</p>	<p>of landscape ecology and its potential to inform sustainable, multi-functional landscape-designs and decision-making in environmental planning. Her research combines field ecological methods with remote sensing, geographic information systems (GIS) and spatial analysis to perform analyses of multi-scale structure of ecosystems, to facilitate scaling of ecological processes from local to regional levels and to develop remote sensing-based monitoring approaches for vulnerable areas and sites with limited field access. She is especially interested in developing new conceptual and practical frameworks for spatially heterogeneous and highly dynamic landscapes, both wildland and human-modified (including urban regions). Since May 2017 she is also an affiliate Professor of Geography at UC Berkeley Department of Geography.</p> <p>She earned her PhD in Environmental Science, Policy and Management from UC Berkeley in 2012, a M.S. degree in Natural Resources/Terrestrial Ecology and Management and a Certificate in Spatial Analysis from the School of Natural Resource and Environment at the University of Michigan, Ann Arbor in 2004 and a B.S. degree in Ecology from the National University of Kyiv-Mohyla Academy, Ukraine in 2001. Her previous research included applications of vegetation and landscape ecology, remote sensing and geographic information systems (GIS) to study ecosystem properties and change in grasslands of Ukraine, transitioning forests of northern Michigan, USA, large wetland biodiversity hotspots in PR China and California, USA. Her current research focuses predominantly on wetland systems and urbanizing landscapes in California and globally.</p>
<p>Max Nefyodov Manager, Reform Support Projects Kyiv School of Economics</p>	<p>10+ years experience in investment banking and private equity, 9+ years in public sector and civil society reform implementation projects. Currently:</p> <ul style="list-style-type: none"> - co-founder of "Technology of Progress" NGO that implements IT and analytics projects related to Ukraine's recovery - Co-head of "damaged.in.ua", a leading independent project to collect, assess and evaluate damages and losses caused by Russian invasion. The work included unprecedented for Ukraine usage of drone&satellite imagery to identify and assess damages to 1.5m+ individual buildings as well as to flooded territories due to Kakhovka dam destruction and to forest ecosystems. - Ex-head of Ukraine's customs in 2019-2020 and first deputy Minister of economy in 2015-2019. Since 2015 I was in charge of creating the widely acclaimed ProZorro e-procurement system (saved \$4.3bn+ of taxpayers funds and won World Procurement Awards 2016 and OGP Awards 2016) and ProZorro.Sale for divesting state assets (over \$1bn of sales, CitiT4IChallenge 2017 award),

	<p>coordinated business-climate improvement agenda (+16 places in Doing business rankings in 3 years) and created State Customs Service as a new state entity.</p> <p>- Prior to joining public service I worked in several leading investment and PE companies, leading dozens of successful M&A and capital/debt raising transactions and managing a portfolio of over \$1bn of assets.</p> <p>- MA cum laude in economic doctrine from Taras Shevchenko Kyiv National University</p>
Oksana Rakovych Senior Environmental Specialist World Bank	<p>Oksana Rakovych is a Senior Environmental Specialist based in the World Bank's Kyiv, Ukraine, office (temporarily in Vienna, Austria). Oksana is an ESF Coordinator for Eastern Europe CMU (Ukraine, Moldova, Belarus). Oksana is an Environmental Risk Management specialist with more than 17 years of experience. As environmental expert, she has contributed to the successful implementation of projects in wind power, hydro, district heating, power transmission lines, buildings energy efficiency, transport infrastructure, health care, education, urban reconstruction and in other sectors. As of recently, Oksana is actively involved with ESF support for the Ukraine portfolio with multiple emergency projects, as well as the build-back-better agenda for the country and green recovery efforts in the Environment, Natural Resources and Blue Economy Sustainable Development Department in Europe and Central Asia, supporting multiple research initiatives and collaboration efforts with other donor organizations.</p>
Franklin Carrero-Martinez, Senior Director, Science and Technology for Sustainability (STS) Program, NASEM	<p>Franklin Carrero-Martinez is the Senior Director of the Science and Technology for Sustainability Program at the National Academies of Sciences, Engineering, Medicine. He earned his PhD in Cell and Developmental Neurobiology and a Certificate in Business Administration from the University of Illinois at Urbana-Champaign.</p>