国際防災・人道支援フォーラム2025 Ⅱ

International Disaster Reduction Alliance Forum (DRA Forum 2025Ⅱ)

気候変動に立ち向かう災害対策 Ⅱ

Disaster Countermeasures to Combat Climate Change II

～本気の防災立国を目指す第一歩～

Our First Step Toward a Nation Truly Committed to Disaster Resilience

日 時 令和７年 **９月 17 日**（水）13:30 ～ 16:30

Date & Time September 17, 2025 (Wednesday), 13:30 ～ 16:30

会 場 神戸ポートピアホテル 偕楽の間

Venue Room Kairaku, Kobe Portopia Hotel

言 語 日本語・英語（日英同時通訳）

Language Japanese and English （Simultaneous Interpretation）

YouTube 配信あり
Live on YouTube

https://www.dri.ne.jp/research/community/dra/forum/forum202509/
日本語（Japanese） 英語（English）

主 催 国際防災・人道支援フォーラム実行委員会 https://www.dri.ne.jp/
兵庫県、ひょうご震災記念21世紀研究機構（Hem21）研究戦略センター、人と防災未来センター（DRI）、
アジア太平洋地球変動研究ネットワーク（APN）、国際防災・人道支援協議会(DRA)

Organizer Executive Committee ,International Disaster Reduction Alliance Forum
Hyogo Prefectural Government Hyogo Earthquake Memorial 21st Century Research Institute (Hem21) Research Strategy Center,
Disaster Reduction and Human Renovation Institution (DRI), Asia-Pacific Network for Global Change Research（APN）,
Disaster Reduction Alliance (DRA)

後 援 朝日新聞社、神戸新聞社 **Supporting Organizations** Asahi Shimbun, Kobe Shimbun

プログラム　Program

気候変動に立ち向かう災害対策Ⅱ　～本気の防災立国を目指す第一歩～

Disaster Countermeasures to Combat Climate Change Ⅱ　— Our First Step Toward a Nation Truly Committed to Disaster Resilience —

13:30 ～　開会あいさつ　Opening Address

河田　惠昭
Yoshiaki Kawata
国際防災・人道支援協議会 (DRA) 会長 / 人と防災未来センター長
Chairperson, Disaster Reduction Alliance (DRA) / Executive Director, Disaster Reduction and Human Renovation Institution (DRI)

齋藤　元彦
Motohiko Saito
兵庫県知事
Governor, of Hyogo Prefecture

大橋 麻希子
Makiko Ohashi
内閣府政策統括官（防災担当）付参事官（国際担当）付参事官補佐
Director in Charge, International Cooperation Division, Disaster Management Bureau, Cabinet Office, Government of Japan

13:45 ～　【基調講演】　Keynote Lecture

「社会現象の相転移とそれを活用した事前防災対策」
「Phase Transition in Societal Phenomena and Its Application to Pre-Disaster Reduction」

河田　惠昭
Yoshiaki Kawata
国際防災・人道支援協議会 (DRA) 会長 / 人と防災未来センター長
Chairperson, Disaster Reduction Alliance (DRA)/ Executive Director, Disaster Reduction and Human Renovation Institution (DRI)

14:45 ～　【休憩】　Break

14:55 ～　【パネルディスカッション】　Panel discussion

「創設される防災庁が目指す目標」　The Goals of the Disaster Management Agency to Be Established

河田　惠昭 Yoshiaki Kawata
国際防災・人道支援協議会 (DRA) 会長 / 人と防災未来センター長
Chairperson, Disaster Reduction Alliance (DRA) / Executive Director, Disaster Reduction and Human Renovation Institution (DRI)

中北　英一 Eiichi Nakakita
京都大学　総長特別補佐　名誉教授
Professor Emeritus, Special Assistant to the President, Kyoto University

髙薮　出 Izuru Takayabu
理学博士（気象学）フリーランス
Freelance, Ph.D. in Science (Meteorology)

山田　朋人 Tomohito Yamada
北海道大学　大学院工学研究院　教授
Professor, Graduate School of Engineering, Hokkaido University

16:20 ～　【総括・閉会】　Summary and Closing Remarks

河田　惠昭 Yoshiaki Kawata
国際防災・人道支援協議会 (DRA) 会長 / 人と防災未来センター長
Chairperson, Disaster Reduction Alliance (DRA) / Executive Director, Disaster Reduction and Human Renovation Institution (DRI)

登壇者プロフィール　Speaker's Profile

基調講演 / パネルディスカッション
Keynote speech/ Panel discussion

河田　惠昭
Yoshiaki Kawata

国際防災・人道支援協議会 (DRA) 会長 / 人と防災未来センター長

Chairperson, Disaster Reduction Alliance (DRA)/ Executive Director, Disaster Reduction and Human Renovation Institution (DRI)

関西大学社会安全学部特別任命教授（チェアプロフェッサー）・社会安全研究センター長。
工学博士。専門は防災・減災・縮災。現在、阪神・淡路大震災記念　人と防災未来センター長（兼務）のほか、京大防災研究所長を歴任。京都大学名誉教授。2007年国連SASAKAWA防災賞、09年防災功労者内閣総理大臣表彰、10年兵庫県社会賞、14年兵庫県功労者表彰、16年土木学会功績賞、17年アカデミア賞、18年神戸新聞平和賞、22年河川功労者表彰、23年海岸功労者表彰、24年日本自然災害学会功績賞、瑞宝中綬章受章。日本自然災害学会および日本災害情報学会会長を歴任。

He is a specially appointed professor (chair professor) at the Faculty of Societal Safety Sciences and the director of the Research Center for Societal Safety Sciences at Kansai University. He has a Ph.D. in Engineering. He specializes in disaster prevention, disaster risk reduction, and disaster resilience. He also concurrently serves as executive director of the Great Hanshin-Awaji Earthquake Memorial Disaster Reduction and Human Renovation Institution. He was a director of the Disaster Prevention Research Institute at Kyoto University and also a professor emeritus at Kyoto University. He has received various awards, including the UN Sasakawa Award for Disaster Risk Reduction in 2007, the Prime Minister's Commendation to Contributors for Disaster Prevention in 2009, Hyogo Prefecture's Award for Social Contributions in 2010, Hyogo Prefecture's Commendation for Distinguished Service in 2014, the Japan Society of Civil Engineers Award for Distinguished Achievement in 2016, the Academia Prize in 2017, the Kobe Shimbun Peace Award in 2018, the Japan River Association Award for Meritorious Achievement in 2022, the National Association of Sea Coast Award for Meritorious Achievement in 2023, the Japan Society for Natural Disaster Science Award for Distinguished Achievement in 2024, and the Order of the Sacred Treasure, Gold Rays with Neck Ribbon in 2024. He has served as president of the Japan Society for Natural Disaster Science and the Japan Society for Disaster Information Studies.

パネルディスカッション
Panel discussion

中北　英一
Eiichi Nakakita

京都大学　総長特別補佐　名誉教授

Professor Emeritus,
Special Assistant to the President,
Kyoto University

1959年大阪生まれ。京都大学大学院工学研究科修了後、京都大学防災研究所助手、助教授、工学研究科助教授、防災研究所教授を経て2025年4月から現職。工学博士。この間、アイオワ大学訪問助教授、国立シンガポール大学客員研究教授、防災研究所所長、京都大学副理事等を併任。専門は、レーダ水文学、水文気象学。気象レーダを用いた豪雨・洪水予測、気候変動による災害環境への影響評価に長年携わるとともに、ハリケーンカトリーナ等の国内外の災害調査にも従事。土木学会水工学委員会委員長なども務める。土木工学と気象学を融合した防災研究を牽引してきている。

He was born in Osaka in 1959. After completing his studies at the Graduate School of Engineering at Kyoto University, he worked as a research associate and an assistant professor at the Disaster Prevention Research Institute at Kyoto University. He subsequently served as an associate professor at the Graduate School of Engineering at Kyoto University and a professor at the Disaster Prevention Research Institute at Kyoto University before assuming his current position in April 2025 as a Doctor of Engineering. During his career, he has concurrently held the positions of visiting associate professor at the University of Iowa, visiting research professor at the National University of Singapore, director of the Disaster Prevention Research Institute at Kyoto University, and deputy executive director at Kyoto University. His specialties are radar hydrology and hydrometeorology. He has been involved for many years in forecasting heavy rain and floods using weather radar and assessing the extent to which climate change contributes to disasters, as well as investigating disasters both in Japan and abroad, such as Hurricane Katrina. He also serves as the chair of the Committee on Hydroscience and Hydraulic Engineering of the Japan Society of Civil Engineers. He has been a leader in disaster prevention research, combining civil engineering and meteorology.

パネルディスカッション
Panel discussion

髙薮　出
Izuru Takayabu

理学博士（気象学）/ フリーランス

Freelance, Ph.D. in Science (Meteorology)

1959年仙台生まれ。東京大学大気海洋研究所にて博士課程在学中は温帯低気圧の急発達メカニズムを研究し、退学後理学博士を取得。気象庁では4年度目より気象研究所に所属。その間、米国海洋大気庁（NOAA）の研究機関NMC（現NCEP）にUCAR訪問研究員として1年間滞在。気象研究所では2018年度から2年間、研究総務官を務めた。また, 2018年から2023年にかけてはIPCC
第６次評価報告書 WG1 の主執筆者を務めた。専門はもともと総観気象学。研究所在職中に気候変動情報の力学的ダウンスケーリングを担当する研究室に異動したのち研究テーマを移し、さらに気候変動予測情報の活用にも携わった。2024年3月末に４年間の再任用をへて気象研究所を退職。現在はフリーランス。

He was born in Sendai in 1959. He studied the mechanisms for the explosive development of extratropical cyclones during his doctoral program at the Atmosphere and Ocean Research Institute at the University of Tokyo, and he subsequently earned a Ph.D. in Science after withdrawing from the program. He was affiliated with the Meteorological Research Institute (MRI) of the Japan Meteorological Agency from the fourth year of his service. During this time, he spent one year as a UCAR visiting researcher at the National Meteorological Center (now the National Centers for Environmental Prediction [NCEP]) of the U.S. National Oceanic and Atmospheric Administration (NOAA). He served as senior director for research affairs at the MRI for two years, starting in FY2018, and he contributed as a lead author for Working Group 1 of the IPCC Sixth Assessment Report from 2018 to 2023. Initially, he specialized in synoptic meteorology, but during his time at the MRI, he transferred to a research group responsible for dynamical downscaling of climate change information, so he shifted his research theme. He was also engaged in the practical use of climate change prediction information. He retired from the MRI at the end of March 2024 after completing a four-year reappointment term. Currently, he works freelance.

パネルディスカッション
Panel discussion

山田　朋人
Tomohito Yamada

北海道大学　大学院工学研究院　教授

Professor,
Graduate School of Engineering,
Hokkaido University

専門は土木工学、水文学、水理学、統計学、気象学、流体力学、気候変動予測および風水害リスク評価。大気陸面相互作用を考慮した気候モデルによる降雨予測精度の向上、高解像度アンサンブル気候予測を活用した洪水リスクの定量化手法の開発に取り組む。これらの成果をもとに、気候変動の影響を踏まえた治水計画への転換に向けた科学的貢献を果たす。2019年には国連気候変動枠組条約（UNFCCC）第50回補助機関会合（ボン）に政府代表団の一員として参加し、日本における気候変動予測研究の成果と治水政策への応用について報告。現在、内閣府SIP第3期「スマート防災ネットワークの構築」において、サブ課題B「リスク情報による防災行動の促進」の研究開発責任者として、行政機関・企業・住民の防災行動を支えるリスク情報技術の社会実装を推進している。2024年7月には、第9回全球エネルギー水循環プロジェクト（GEWEX）国際会議の実行委員長を務め、関係省庁を巻き込んだ科学対話の場を日本で初めて創出した。

He specializes in civil engineering, hydrology, hydraulics, statistics, meteorology, fluid dynamics, climate change projection, and flood and storm risk assessment. He has been engaged in improving the accuracy of rainfall predictions using climate models incorporating land–atmosphere interactions and in developing methods to quantify flood risk using high-resolution ensemble climate projections. Based on these research achievements, he contributed to the shift in science toward flood management planning that accounts for the impacts of climate change. In 2019, he participated as a member of the Japanese government delegation at the 50th session of the subsidiary body of the United Nations Framework Convention on Climate Change (UNFCCC) in Bonn, reporting on Japan's research achievements in climate change projections and their application to flood control policy. Currently, he serves as the principal investigator for Subproject B, "Promoting disaster prevention actions using risk information," under the "Development of a Resilient Smart Network System against Natural Disasters," which is one of the target issues for the Cabinet Office's Third Phase of the Strategic Innovation Promotion Program (SIP), which promotes implementing risk information technologies in society to support disaster responses by government agencies, businesses, and local communities. In July 2024, he served as the chair of the organizing committee for the 9th Global Energy and Water Exchanges Open Science Conference (GEWEX-OSC), establishing Japan's first platform for scientific dialogue involving relevant ministries and agencies.

MEMO