ANNEX

Authors and Expert Reviewers

This annex should be cited as:

IPCC, 2012: Authors and expert reviewers annex. In: *Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation* [Field, C.B., V. Barros, T.F. Stocker, D. Qin, D.J. Dokken, K.L. Ebi, M.D. Mastrandrea, K.J. Mach, G.-K. Plattner, S.K. Allen, M. Tignor, and P.M. Midgley (eds.)]. A Special Report of Working Groups I and II of the Intergovernmental Panel on Climate Change (IPCC). Cambridge University Press, Cambridge, UK, and New York, NY, USA, pp. 545-553.

Argentina

Vicente Barros, CIMA/Universidad de Buenos Aires Ines Camilloni, CIMA/Universidad de Buenos Aires

Hernan Carlino, Universidad Torcuato Di Tella

Mario Nunez, CIMA/Universidad de Buenos Aires

Matilde Rusticucci, Universidad de Buenos Aires

Haris Eduardo Sanahuja, Senior Consultant

Pablo Suarez, Boston University, Red Cross/Red Crescent Climate Centre

Carolina Vera, CIMA/Universidad de Buenos Aires

Australia

Jonathan Abrahams, World Health Organization

Lisa Alexander, The University of New South Wales

Julie Arblaster, National Center for Atmospheric Research, Australian Bureau of Meteorology

Jon Barnett, Melbourne University

Ian Carruthers, National Climate Change Adaptation Research Facility

Bob Cechet, Geoscience Australia

Lynda Chambers, Australian Bureau of Meteorology

John Church, Commonwealth Scientific and Industrial Research Organization

Paul Della-Marta, Partner Reinsurance Company

Amy Dumbrell, Australian Government Department of Climate Change and Energy Efficiency

Jill Edwards, Australasian Fire and Emergency Service Authorities Council

Ailie Gallant, University of Melbourne

John Handmer, Centre for Risk and Community Safety, RMIT University

Mark Hemer, Commonwealth Scientific and Industrial Research Organization

Adriana Keating, RMIT University

Monique Ladds, RMIT University

Padma Narsey Lal, International Union for Conservation of Nature-Oceania

Yun Li, Commonwealth Scientific and Industrial Research Organisation

Kathleen McInnes, Commonwealth Scientific and Industrial Research Organization, Marine and Atmospheric Research

Neville Nicholls, Monash University, School of Geography and Environmental Science Lauren Amy Rickards, University of Melbourne

Anthony Swirepik, Australia Government Department of Climate Change and **Energy Efficiency**

Frank Thomalla, Macquarie University

Richard Thornton, Bushfire Cooperative Research Centre

Blair Trewin, Australian Bureau of Meteorology

Anya M. Waite, University of Western Australia

Xiaoming Wang, Commonwealth Scientifc and Industrial Research Organisation

Penny Whetton, Commonwealth Scientific and Industrial Research Organisation

Joshua Whittaker, RMIT University

Austria

Stefan Hochrainer, International Institute for Applied System Analysis

Helmut Hojesky, Bundesministerium fur Land-und Forstwirtschaft, Umwelt und

Wasserwirtschaft

Klaus Radunsky, Umweltbundesamt GmbH

Petra Tschakert, Pennsylvania State University

Bangladesh

Md. Siarjul Islam, North South University

Tarik ul Islam, United Nations Development Programme-Bangladesh

Alimullah Miyan, South Asian Disaster Management Centre, International University of Business, Agriculture, and Technology

Ainun Nishat, BRAC University

Ataur Rahman, Centre for Global Environmental Culture, International University of Business, Agriculture, and Technology

Johan Bogaert, Flemish Government

Lieven Bydekerke, VITO – Flemish Institute for Technological Research

Cathy Clerbaux, Universite Libre de Bruxelles and CNRS France

Luc Feyen, Joint Research Centre, European Commission

Leen Gorissen, VITO – Flemish Institute for Technological Research

Julien Hoyaux, Agence Wallonne de l'Air et du Climat

Philippe Marbaix, Université Catholique de Louvain

Anne Mouchet, Universite de Liege

Andrea Tilche, European Commission Directorate

Hans van de Vyvere, Royal Meteorological Institute of Belgium

Jean-Pascal van Ypersele, Université Catholique de Louvain

Martine Vanderstraeten, Belgian Federal Science Policy

Patrick Willems, Katholieke Universiteit Leuven

Botswana

Pauline Dube, University of Botswana

Brazil

Andre Odenbreit Carvalho, Environmental Policy and Sustainable Development

Jose Marengo, National Institute for Space Research, Earth System Science Centre Jose Domingos Gonzales Miguez, Tecnologia Commission for Global Climate Change

Carlos Nobre, Ministry of Science and Technology

Vinicius Rocha, Operador Nacional do Sistema Elétrico

Maria Assuncao Silva Dias, University of Sao Paulo

Canada

Heather Auld, Environment Canada

Anik Beaudoin, Foreign Affairs and International Trade Canada

Peter Berry, Climate Change and Health Office, Health Canada

Marie Boehm, Agriculture and Agri-Food Canada

Roy Brooke, United Nations

Ross Brown, Environment Canada at Ouranos

Stephen Burridge, Foreign Affairs and International Trade Canada

Ian Burton, University of Toronto

Elizabeth Bush, Environment Canada

John Claque, Simon Fraser University

J. Graham Cogley, Trent University

Neil Comer, Environment Canada

John Cooper, Health Canada

Thea Dickinson, Burton Dickinson Consulting

Karen Dodds, Environment Canada

Jimena Eyzaguirre, National Round Table on the Environment and the Economy

Donald Forbes, Natural Resources Canada

Jim Frehs, Health Canada

Nathan P. Gillett, Environment Canada

Sunling Gong, Environment Canada

Christian Gour, Foreign Affairs and International Trade Canada

Patrick Hebert, Foreign Affairs and International Trade Canada

Ole Hendrickson, Environment Canada

Matt Jones, Environment Canada Dan Jutzi, Environment Canada

Viatcheslav V. Kharin, Environment Canada

Grace Koshida, Environment Canada

Paul Kovacs, Institute for Catastrophic Loss Reduction

Beth Lavender, Foreign Affairs and International Trade Canada

Donald Lemmen, Natural Resources Canada

Guilong Li, Environment Canada

Brad Little, Environment Canada

John Loder, Fisheries and Oceans Canada

Heather Low, Foreign Affairs and International Trade Canada

Katie Lundy, Environment Canada

Gordon McBean, Institute for Catastrophic Loss Reduction

Brian Mills, Environment Canada

Seung-Ki Min, Environment Canada

Monirul Mirza, Environment Canada Niall O'Dea, Natural Resources Canada

Michael Ott, Fisheries and Oceans Canada

William Perrie, Fisheries and Oceans Canada

Paul Pestieau, Environment Canada

Caroline Rodgers, Clean Air Partnership, Toronto

Slobodan Simonovic, University of Western Ontario

Sharon Smith, Natural Resources Canada

Ronald Stewart, University of Manitoba

John Stone, Carleton University

Roger B. Street, UK Climate Impacts Programme

Kit Szeto, Environment Canada

Richard Tarasofsky, Foreign Affairs and International Trade Canada

Martin Tremblay, Indian and Northern Affairs Canada

Liette Vasseur, Brock University

Elizabeth Walsh, Natural Resources Canada

Xiaolan Wang, Environment Canada

Bin Yu, Environment Canada

Xuebin Zhang, Environment Canada

Francis Zwiers, Pacific Climate Impacts Consortium, University of Victoria

Chile

Paulina Aldunce, University of Chile

Daniel Barrera, Ministry of Agriculture

Gonzalo Leon, Ministry of Environment

Alejandro León, Universidad de Chile

Sebastian Vicuna, Pontificia Universidad Catolica de Chile

China

Xing Chen, Nanjing University

Ying Chen, Chinese Academy of Social Sciences

Qin Dahe, China Meteorological Administration

Shibo Fang, Chinese Academy of Meteorological Sciences

Qiang Feng, Chinese Academy of Sciences

Ge Gao, National Climate Center, China Meteorological Administration

Daoyi Gong, State Key Laboratory of Earth Surface Processes and Resource Ecology

Anhong Guo, Agrometeorological Center of National Meteorological Centre

Tong Jiang, China Meteorological Administration

Jianping Li, Institute of Atmospheric Physics, Chinese Academy of Sciences

Jing Li, Beijing Normal University

Ning Li, Beijing Normal University

Erda Lin, Chinese Academy of Agricultural Sciences

Hongbin Liu, China Meteorological Administration

Xinhua Liu, Severe Weather Prediction Center of National Meteorological Center

Houquan Lu, National Meteorological Center

Xianfu Lu, United Nations Framework Convention on Climate Change

Yali Luo, Chinese Academy of Sciences

Wenjun Ma, Shanghai Jiao Tong University

Huixin Meng, Institute for Urban and Environment Studies

Jiahua Pan, Chinese Academy of Social Sciences

Gubo Qi, College of Humanities and Development Studies

Fumin Ren, China Meteorological Administration

Guoyu Ren, Chinese Academy of Social Sciences

WU Shaohong, Institute of Geographical Sciences, Chinese Academy of Sciences

Shangbai Shi, Chinese Academy of Social Sciences

Ying Sun, China Meteorological Administration

Changke Wang, China Meteorological Administration

Dongming Wang, Policy Study

Jianwu Wang, Chinese Academy of Social Sciences

Ming Wang, Academy of Disaster Reduction and Emergency Management

Xiaoyi Wang, Institute of Sociology

Yongguang Wang, China Meteorological Administration

Fengying Wei, China Meteorological Administration

Jet-Chau Wen, National Yunlin University of Science and Technology

Xiangyang Wu, Research Centre for Sustainable Development

Liyong Xie, Shenyang Agricultural University

Wei Xu, State Key Laboratory of Earth Surface Processes and Resource Ecology

Yinlong Xu, Chinese Academy of Agricultural Sciences

Zheng Yan, Institute of Urban and Environmental Studies

Saini Yang, Beijing Normal University

Tao Ye, State Key Lab of Earth Surface Processes and Resource Ecology

Yi Yuan, National Disaster Reduction Center of China

Yin Yunhe, Institute of Geographical Sciences, Chinese Academy of Sciences

Panmao Zhai, Chinese Academy of Meteorological Sciences

Chenyi Zhang, China Meteorological Administration

Zhao Zhang, State Key Laboratory of Earth Surface Processes and Resource Ecology

Zong-Ci Zhao, National Climate Center

Guangsheng Zhou, China Meteorological Administration

Hongjian Zhou, Nationals Disaster Reduction Center of China

Tao Zhou, State Key Laboratory of Earth Surface Processes and Resource Ecology

Tianjun Zhou, Chinese Academy of Sciences, Institute of Atmospheric Physics

Furong Zhu, Ningxia Economic Research Center

Xukai Zou, China Meteorological Administration

Colombia

Ana Campos-Garcia, Consultant

Omar-Dario Cardona, Universidad Nacional de Colombia

Carmen Lacambra, Cambridge Coastal Research Unit

Pedro Simon Lamprea Quiroga, Colombian Institute of Hydrology, Meteorology, and

Environmental Studies

Walter Vergara, Inter-American Development Bank

Gustavo Wilches-Chaux, Universidad Andina Simon Bolivar

Cook Islands

Arona Ngari, Cook Islands Meteorological Service

Costa Rica

Allan Lavell, Programme for the Social Study of Risk and Disaster Roberto Villalobos Flores, Instituto Meteorologico Nacional

Cuba

Raul J. Garrido Vazguez, Ministry Science, Technology and Environment

Tomas Gutierrez Perez, Instituto de Meteorologia

Avelino G. Suarez, Institute of Ecology and Systematic, Cuban Environmental Agency

Cyprus

Silas Michaelides, Ministry of Agriculture, Natural Resources, and Environment

Denmark

Kirsten Halsnaes, Risø DTU

Torkil Jonch Clausen, DHI

Anne Mette Jorgensen, Centre Danish Meteorological

Karen G. Villholth, GEUS, Geological Survey of Denmark and Greenland

Egypt

Fatma El Mallah, League of Arab States

Wadid Fawzy Erian, Arab Center for the Studies of Arid Zones and Dry Lands

Amal Saad-Hussein, National Research Centre

Adel Yasseen, Ain Shams University, Institute of Environmental Research and Studies

El Salvador

Luis Ernesto Romano, Centro Humboldt Nicaragua

Finland

Timothy Carter, Finnish Environment Institute Hilppa Gregow, Finnish Meteorological Institute Simo Haanpää, Aalto University

Pirkko Heikinheimo, Prime Minister's Office of Finland

Susanna Kankaanpää, HSY Helsinki Region Environmental Services Authority

Sanna Luhtala, Ministry of Agriculture and Forestry

Markku Niinioja, Ministry for Foreign Affairs

Hannu Raitio, Finnish Forest Research Institute

Karoliina Saarniharo, United Nations Framework Convention on Climate Change

Kristiina Säntti, Finnish Meteorological Institute

Heikki Tuomenvirta, Finnish Meteorological Institute

Elina Vapaavuori, Finnish Forest Research Institute

Hanna Virta, Finnish Meteorological Institute

France

Franck Arnaud, Ministry of Ecology, Sustainable Development, Transport, and Housing Slimane Bekki, Institut Pierre Simon Laplace, Laboratoire Atmospheres, Milieux, Observations Spatiales

Nicolas Beriot, Ministry of Ecology, Sustainable Development, Transport, and Housing Olivier Bommelaer, Ministry of Ecology, Sustainable Development, Transport, and

Housing

Olivier Boucher, Met Office Hadley Centre

Paul-Henri Bourrelier, French Association for Disaster Risk Reduction

Jean-Marie Carriere, Meteo-France

Fabrice Chauvin, Meteo-France

Chantal Claud, Institute Pierre-Simon, Laboratoire de Meteorologie Dynamique Fabio D'Andrea, Institute Pierre-Simon, Laboratoire de Meteorologie Dynamique Sylvie de Smedt, Ministry of Ecology, Sustainable Development, Transport and Housing

Henri Decamps, Centre National de la Recherche Scientifique

Pascale Delecluse, Meteo-France

Michel Deque, Meteo-France

Pierre-Yves Dupuy, Service Hydrographique et Oceanographique de la Marine

Nicolas Eckert, Cemagref

Rene Feunteun, French Association for Disaster Risk Reduction

JC Gaillard, The University of Auckland

Francois Gerard, French Association for Disaster Risk Reduction

Marc Gillet, Meteo-France

Pascal Girot, IUCN

Frederic Grelot, Cemagref

Delphine Grynszpan, UK Health Protection Agency

Eric Guilyardi, Institut Pierre Simon Laplace, Laboratoire D'Oceanographie et du Climat

Stephane Hallegatte, CIRED and Meteo-France Sylvie Joussaume, Paris Consortium on Climate

Reza Lahidji, Groupement de Recherches en Gestion a HEC

Michel Lang, Cemagref

Goneri Le Cozannet, Bureau de Recherches Geologiques et Minieres Jean-Michel Le Quentrec, French Association for Disaster Risk Reduction

Antoine Leblois, CIRED

Alexandre Magnan, Institute fior Sustainable Development and International Relations

Eric Martin, Meteo-France

Olivier Mestre, Meteo-France

David Meunier, Ministry of Ecology, Sustainable Development, Transport, and Housing

Hormoz Modaressi, Bureau of Geological and Mining Research

Roland Nussbaum, Mission Risques Naturels

Sylvie Parey, EDF-France

Cedric Peinturier, Ministry of Ecology, Sustainable Development, Transport, and Housing

Michel Petit, Conseil General de L'industrie, de L'energie et des Technologies

Pierre Picard, Ecole Polytechnique

Serge Planton, Méto-France

Valentin Przyluski, Centre International de Recherche sur l'Environnement et le Developpement

Jean-Luc Salagnac, Centre Scientifique et Technique de Batiment

Bernard Seguin, INRA

Karen Sudmeier-Reiux, University of Lausanne, IUCN Commission on Ecosystems Management Nicolas Taillefer, Centre Scientifique et Technique de Batiment

Jean-Philippe Torterotot, Cemagref

Robert Vautard, Institut Pierre Simon Laplace, Laboratoire des Sciences du Climat et de l'Environnement

Jean-Philippe Vidal, Cemagref

Vincent Viguié, Centre International de Recherche sur l'Environnement et le Développement

Pascal Yiou, Laboratoire des Sciences du Climat et de l'Environnement

Germany

Gotelind Alber, Women for Climate Justice

Christoph Bals, Germanwatch

Hubertus Bardt, Cologne Institute for Economic Research

Andreas Baumgärtner, Project Management Agency of DLR, German IPCC Coordination Office

Paul Becker, German Weather Service

Joern Birkmann, UN University Institute for Environment and Human Security

Hans-Georg Bohle, University of Bonn

Hans Gunter Brauch, Freie Universitaet Berlin

Michael Bründl, WSL Institute for Snow and Avalanche Research SLF

Achim Daschkeit, German Federal Environment Agency

Carmen de Jong, University of Savoy

Thomas Deutschländer, German Meteorological Service

Paul Dostal, Project Management Agency of DLR

Dirk Engelbart, Federal Ministry of Transport, Building and Urban Development

Eberhard Faust, Munich Reinsurance Company

Roland Fendler, German Federal Environment Agency

Tobias Fuchs, German Weather Service

Hans-Martin Fuessel, European Environment Agency

Stefan Goessling-Reisemann, University of Bremen

Robert Grassmann, Deutsche Welthungerhilfe e.V.

Edeltraud Guenther, Technische Universität Dresden

Josef Haider, KfW Development Bank

Angela Michiko Hama, United Nations International Strategy for Disaster Reduction

Sven Harmeling, Germanwatch

Fred Fokko Hattermann, Potsdam Institute for Climate Impact Research

Gabriele Hegerl, University of Edinburgh

Hans-Joachim Herrmann, German Federal Environment Agency

Anne Holsten, Potsdam Institute of Climate Impact Research

Anke Jentsch, University of Koblenz-Landau

Marcus Kaplan, German Development Institute

Christina Koppe-Schaller, Deutscher Wetterdienst

Christoph Kottmeier, Karlsruhe Institute of Technology

Frank Kreienkamp, Climate and Environment Consulting Potsdam GmbH

Christian Kuhlicke, Helmhotz Centre for Environmental Research

Birgit Kuna, Project Management Agency of DLR

Nana Künkel, German Agency for International Development

Michael Kunz, Karlsruhe Institute of Technology

Ole Langniss, Fichtner GmbH & Co KG

Rocio Lichte, United Nations Framework Convention on Climate Change

Petra Mahrenholz, German Federal Environment Agency

Reinhard Mechler, International Institute for Applied Systems Analysis, Vienna University of Economics

Bettina Menne, World Health Organization, Regional Office for Europe

Annette Mohner, United Nations Framework Convention on Climate Change

Guido Mücke, German Federal Environment Agency

Christian L.C. Müller, Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety

Claudia Pahl-Wostl, Institute of Environmental Systems Research, University of Osnahruck

Gertrude Penn-Bressel, German Federal Environment Agency

Jurgen Pohl, University of Bonn

Joerg Rapp, Deutscher Wetterdienst

Markus Reichstein, Max-Planck Institute for Biogeochemistry

Joachim Rock, Johann Heinrich von Thuenen-Institute

Benno Rothstein, University of Applied Forest Sciences Rottenburg

Peter Rottach, Diakonie Katastrophenhilfe Consultant

Julia Rufin, Federal Minitry for the Environment, Nature Conservation, and Nuclear Safetv

Evelina Santa, Federal Ministry of Education and Research

Philipp Schmidt-Thome, Geological Survey of Finland

Gudrun Schütze, German Federal Environment Agency

Reimund Schwarze, Helmholtz Center for Environmental Research

Joachim H. Spangenberg, Sustainable Europe Research Institute

Frank Sperling, World Wildlife Fund, Norway

Jochen Stuck, Project Management Agency of DLR

Swenja Surminski, Association of British Insurers

Christiane Textor, Project Management Agency of DLR, German IPCC Coordination

Annegret Thieken, University of Potsdam

Uwe Ulbrich, Freie Universitat Berlin

Martine Vatterodt, Federal Ministry for Economic Cooperation and Development

Monika Vees, German Federal Environment Agency

Gottfried von Gemminingen, Federal Ministry for Economic Cooperation and Development

Hans von Storch, GKSS Research Center

Martin Voss, Katastrophenforschungsstelle Berlin

Koko Warner, United Nations University, Institute for Environment and Human Security

Juergen Weichselgartner, GKSS Research Center

Johanna Wolf, Memorial University of Newfoundland

Sabine Wurzler, North Rhine Westphalia State Environment Agency

Karl-Otto Zentel, Deutsches Komitee Katastrophenvorsorge e.V.

Ghana

Seth Vordzorgbe, United Nations Development Programme

Greece

Christina Anagnostopoulou, Aristotle University of Thessaloniki

Helena Flocas, University of Athens

Panagiota Galiatsatou, Aristotle University of Thessaloniki

Antonis Koussis, National Observatory of Athens

Aristeidis Koutrouli, Technical University of Crete

Athanasios Louka, University of Thessaly

Petroula Louka, Hellenic National Meteorological Service

Dimitrios Melas, Aristotle University of Thessaloniki

Panayotis Prinos, Aristotle University of Thessaloniki

Ioannis Tsanis, Technical University of Crete

Adonis Velegrakis, University of the Aegean

Christos Zerefos, Academy of Athens

Guatemala

Edwin Castellanos, Universidad del Valle de Guatemala

Hungary

Joseph Feiler, Ministry of National Development Ferenc L. Tóth, International Atomic Energy Agency

Iceland

Halldor Bjornsson, Icelandic Meteorological Office HalldorSigrun Karlsdottir, Icelandic Meteorological Office Arni Snorrason, Icelandic Meteorological Office

India

Unnikrishnan Alakkat, National Institute of Oceanography Subbiah Arjunapermal, Asian Disaster Preparedness Center Suruchi Bhadwal, The Energy and Resources Institute Mihir Bhatt, India Disaster Mitigation Institute

Amit Garg, Indian Institute of Management Ahmedabad

B.N. Goswami, Indian Institute for Tropical Meteorology

Manu Gupta, SEEDS

Umesh Haritashya, University of Dayton

Ritesh Kumar, Wetlands International - South Asia

Pradeep Mujumdar, Indian Institute of Science

Anand Patwardhan, Indian Institute of Technology Bombay

Apurva Sanghi, The World Bank

Akhilesh Surjan, United Nations University

Indonesia

Edvin Aldrian, Badan Meteorologi Klimatologi dan Geofisika

Iran

Rahman Davtalab, Ministry of Energy

Saeid Eslamian, Isfahan University of Technology

Mahnaz Khazaee, Atmospheric Science and Meteorological Research Center

Mohammad Rahimi, Semnan University

Fatemeh Rahimzadeh, Atmospheric Science and Meteorological Research Center Saviz Sehat Kashani, Atmospheric Sciences and Meteorological Research Center

Ireland

Ian Bryceson, Norwegian University of Life Sciences Noel Casserly, Department of the Environment

Italy

Marina Baldi, National Research Council, Institute of Biometeorology

Roberto Bertollini, World Health Organization

Francesco Bosello, Fondazione Eni Enrico Mattei, Milan University

Stefano Bovo, ARPA Piemonte

Carlo Giupponi, University Ca' Foscari of Venice and Euro-Mediterranean Centre for Climate Change

Georg Kaser, University of Innsbruck

Valentina Pavan, ARPA Emilia-Romagna

Roberto Ranzi, University of Brescia

Carlo Scaramella, World Food Programme

Rodica Tomozeiu, ARPA Emilia-Romagna

Japan

Shiho Asano, Forestry and Forest Products Research Institute

Fumiaki Fujibe, Meteorological Research Institute

Koji Fujita, Nagoya University

Masahiro Hashizume, Institute of Tropical Medicine, Nagasaki University

Yasushi Honda, University of Tsukuba

Shinjiro Kanae, Tokyo Institute of Technology

Takehiro Kano, Division Ministry of Foreign Affairs

Miwa Kato, UNFCCC Secretariat

Hiroyasu Kawai, Port and Airport Research Institute

So Kazama, Tohoku University

Akio Kitoh, Meteorological Research Institute

Masahide Kondo, University of Tsukuba

Kazuo Kurihara, Meteorological Research Institute

Shoji Kusunoki, Meteorological Research Institute

Takao Masumoto, National Institute for Rural Engineering, National Agriculture and Food Research Organization

Nobuo Mimura, Ibaraki University

Hisayoshi Morisugi, Nihon University

Toshiyuki Nakaegawa, Meteorological Research Institute

Elichi Nakakita, Kyoto University

Motoki Nishimori, National Institute for Agro-Environmental Sciences

Taikan Oki, University of Tokyo

Rajib Shaw, Kyoto University

Hideo Shiogama, National Institute for Environmental Studies

Yasuto Tachikawa, Kyoto University

Kiyoshi Takahashi, National Institute for Environmental Studies

Izuru Takayabu, Meteorological Research Institute

Kuniyoshi Takeuchi, International Centre for Water Hazard and Risk Management

Tadashi Tanaka, University of Tsukuba

Makoto Tani, Kyoto University

Tsugihiro Watanabe, Research Institute for Humanity and Nature

Hiroya Yamano, National Institute for Environmental Studies

Kenya

Peter Ambenje, Kenya Meteorological Department Samwel Marigi, Kenya Meteorological Department

Charles Mutai, Ministry of Environment and Mineral Resources

Christopher Oludhe, University of Nairobi, Department of Meteorology

Latvia

Olga Vilima, United Nations International Strategy for Disaster Reduction

Malaysia

Joy Jacqueline Pereira, Universiti Kebangsaan Malaysia Salmah Zakaria, United Nations Economic and Social Commission

Mauritania

Gueladio Cisse, Swiss Tropical and Public Health Institute

Mexico

Victor Cardenas, Climate Change and Natural Disaster Risk Management
Tereza Cavazos, El Centro de Investigación Científica y de Educación Superior de
Ensenada

Carolina Neri, Universidad Nacional Autonoma de Mexico

Ursula Oswald-Spring, Universidad Nacional Autónoma de México

Ricardo Zapata-Marti, United Nations Economic Commission for Latin America and the Caribbean

Mongolia

Ravsal Oyun, JEMR Consulting Company

Morocco

Abdalah Mokssit, Direction de la Météorologie Nationale

Mozambique

Felipe Lucio, Global Framework for Climate Services Office, WMO

New Zealand

Reid Basher, Secretariat of the High-Level Taskforce on the Global Framework for Climate Services

Leonard Brown, Ministry for the Environment - Manatu Mo Te Taiao

John Campbell, University of Waikato

John Hay, University of the South Pacific

Glenn McGregor, University of Auckland

Matthew McKinnon, DARA

Helen Plume, Ministry for the Environment - Manatu Mo Te Taiao

David Wratt, National Institute of Water and Atmospheric Research

Niger

Abdelkrim Ben Mohamed, University of Niamey

Norway

Torgrim Asphjell, Climate and Pollution Agency Rasmus Benestad, The Norwegian Meteorological Institute Tor A. Benjaminsen, Norwegian University of Life Sciences Elzbieta Maria Bitner-Gregersen, Det Norske Veritas AS Oyvind Christophersen, Climate and Pollution Agency

Solveig Crompton, Ministry of the Environment

Linda Dalen, Norwegian Directorate for Nature Management

Lars Ingolf Eide, Det Norske Veritas

Siri Eriksen, Norwegian University of Life Sciences

Christoffer Grønstad, Climate and Pollution Agency

Hege Haugland, Climate and Pollution Agency

Hege Hisdal, Norwegian Water Resources and Energy Directorate

Dag O. Høgvold, Directorate for Civil Protection and Emergency Planning

Linn Bryhn Jacobsen, Climate and Pollution Agency

Vikram Kolmannskog, Norwegian Refugee Council

Ole-Kristian Kvissel, Climate and Pollution Agency

Farrokh Nadim, International Centre for Geohazards

Lars Otto Naess, Institute of Development Studies

Karen O'Brien, University of Oslo

Ellen Øseth, Norwegian Polar Institute

Marit Viktoria Pettersen, Ministry of Foreign Affairs

Asgeir Sorteberg, University of Bergen

Linda Sygna, University of Oslo

Kirsten Ulsrud, University of Oslo

Vigdis Vestreng, Climate and Pollution Agency

Pakistan

Muhammad Mohsin Iqbal, Global Change Impact Studies Centre Jawed Ali Khan, Ministry of Environment

Maira Zahur, Women for Climate Justice

Palestinian National Authority

Nedal Katbeh-Bader, Environment Quality Authority

Peru

Eduardo Calvo, Universidad Nacional Mayor de San Marcos

Encinas Carla, Intercooperation

Silvia Llosa, United Nations International Strategy for Disaster Reduction

Philippines

Imelda Abarquez, Oxfam Hong Kong

Sanny Jegillos, United Nations Development Programme

Rosa Perez, Manila Observatory

Poland

Janusz Filipiak, Institute of Meteorology and Water Management

Zbigniew Kundzewicz, Polish Academy of Sciences

Zbigniew Ustrnul, Institute of Meteorology and Water Management, Jagiellonian University

Joanna Wibig, University of Lodz

Republic of Korea

So-Min Cheong, University of Kansas

Tae Sung Cheong, National Emergency Management Agency

Soojeong Myeong, Korea Environment Institute

Republic of Maldives

Amjad Abdulla, IPCC Vice Chair WG II, Climate Change Energy Department, Ministry of Housing and Environment

Romania

Roxana Bojariu, National Meteorological Administration Sorin Cheval, National Meteorological Administration

Russian Federation

E. M. Akentyeva, Main Geophysical Observatory Sergey Borsch, Hydromet Center of Russia N. V. Kobysheva, Main Geophysical Observatory

Boris Porfiriev, Institute for Economic Forecasting, Russian Academy of Sciences

Vladimir Semenov, A.M. Obukhov Institute of Atmospheric Physics

Boris Sherstyukov, All Russian Research Institute of Hydrometeorological Information World Data Center

Senegal

Cherif Diop, Senegalese Meteorological Agency

South Africa

Reinette (Oonsie) Biggs, Stockholm Resilience Centre, Stockholm University

Bruce Glavovic, Massey University

Bettina Koelle, Indigo Development and Change

Noel Oettle, Environmental Monitoring Group

Coleen Vogel, University of Witwatersrand

Gina Ziervogel, University of Cape Town

Spain

Enric Aguilar, Universitat Rovira i Virgili

Gerardo Benito, Spanish Council for Scientific Research

Jorge Bonnet Fernandez Trujillo, Government of the Canary Islands

Francisco Garcia Novo, University of Seville

José Manuel Gutiérrez, Consejo Superior de Investigaciones Científicas

Ana Iglesias, Universidad Politecnica de Madrid

José Antonio López-Díaz, Agencia Estatal de Meteorología

Concepcion Martinez-Lope, Spanish Bureau for Climate Change

José Moreno, University of Castilla-La Mancha

Francisco Pascual, Spanish Bureau for Climate Change

Jose Ramon Picatoste-Ruggeroni, Spanish Bureau for Climate Change

Ernesto Rodriguez-Camino, Spanish Meteorological Agency

Sabater Sergi, University Girona

Sudan

Ismail Fadl El Moula Mohamed, Sudan Meteorological Authority Balgis Osman-Elasha, African Development Bank

Sweden

Cecilia Alfredsson, Swedish Civil Contingencies Agency

Lars Barring, Swedish Meteorological and Hydrological Institute

Sten Bergstrom, Swedish Meteorological and Hydrological Institute

Pelle Boberg, Swedish Meteorological and Hydrological Institute

Henrik Carlsen, Swedish Defence Research Agency

Carl Folke, The Beijer Institute, Stockholm University

Clarisse Kehler Siebert, Stockholm Environment Institute

Carina Keskitalo, Umea University

Richard Klein, Stockholm Environment Institute

Georg Lindgren, Lund University

Elin Lovendahl, Swedish Meteorological and Hydrological Institute

Barbro Naslund-Landenmark, Swedish Civil Contingencies Agency

Carin Nilsson, Swedish Meteorological and Hydrological Institute

Ulrika Postgard, Swedish Civil Contingencies Agency

Markku Rummukainen, Swedish Meteorological and Hydrological Institute

Johan Schaar, Ministry of Foreign Affairs

Lisa Schipper, Stockholm Environment Institute

Ake Svensson, Swedish Civil Contingencies Agency

Switzerland

Simon Allen, IPCC WGI Technical Support Unit

Walter J. Ammann, Global Risk Forum GRF Davos

Neville Ash, United Nations Environment Programme

Stefan Brönnimann, University of Bern

Carlo Casty, Partner Reinsurance Company

Nicole Clot, Intercooperation

Paul Della-Marta, Partner Reinsurance Company

Andreas Fischlin, Swiss Federal Institute of Technology, Systems Ecology

Markus Gerber, University of Bern, Climate and Environmental Physics

Peter Greminger, Federal Office for Environment

Christian Huggel, University of Zurich

Matthias Huss, University of Fribourg

Daniel Kull, International Federation of Red Cross and Red Crescent Societies

Juerg Luterbacher, Justus Liebig University

Joy Muller, International Federation of Red Cross and Red Crescent Societies

Urs Neu, Swiss Academy of Sciences

Boris Orlowsky, Swiss Federal Institute of Technology Zurich

Pascal Peduzzi, United Nations Environment Programme

Gian-Kasper Plattner, IPCC WGI Technical Support Unit

Dieter Rickenmann, Swiss Federal Research Institute WSL

Stephan Rist, Centre for Development and Environment, University of Bern

Jose Romero, Federal Office for the Environment

Sonia Seneviratne, Swiss Federal Institute of Technology Zurich

Andreas Spiegel, Swiss Re

Thomas Stocker, University of Bern

Philippe Thalmann, EPFL Swiss Federal Institute of Technology Lausanne

Heinz Wanner, University of Bern

Andre Wehrli, European Environment Agency

Heini Wernli, Swiss Federal Institute of Technology Zurich

Irina Zodrow, United Nations International Strategy for Disaster Reduction

Tanzania

Emmanuel Mpeta, Tanzania Meteorological Agency Khamaldin Daud Mutabazi, Sokoine University of Agriculture Pius Zebhe Yanda, University of Dar es Salaam

Thailand

Seree Supratid, Rangsit University

The Netherlands

Frans Berkhout, Vrije University

Laurens Bouwer, Institute for Environmental Studies, Vrije University

Hein W. Haak, The Royal Netherlands Meteorological Institute

Albert Klein Tank, The Royal Netherlands Meteorological Institute

Irene Kreis, Health Protection Agency

Adriaan Perrels, Finnish Meteorological Institute

Maarten van Aalst, Red Cross Red Crescent Climate Centre

Bart van den Hurk, The Royal Netherlands Meteorological Institute

Henny A.J. van Lanen, Wageningen University

Geert Jan van Oldenborgh, The Royal Netherlands Meteorological Institute

Jeroen Warner, Wageningen University

Trinidad and Tobago

Veronica Belgrave, Ministry of Planning, Housing, and the Environment

Turkey

Salahattin Incecik, Istanbul Technical University

United Kingdom

Neil Adger, Tyndall Centre, University of East Anglia

Alex Arnall, University of Reading

Nigel Arnell, University of Reading

Victoria Bell, Centre for Ecology and Hydrology

Enrico Biffis, Imperial College, London

Katrina Brown, University of East Anglia

Simon Brown, Met Office Hadley Centre

Sal Burgess, UK Department for Environment, Food, and Rural Affairs

Harriet Caldin, Health Protection Agency

Diarmid Campbell-Lendrum, World Health Organization

Catriona Carmichael, Health Protection Agency Amanda Charles, UK Government Office for Science

Declan Conway, University of East Anglia

Tim Conway, UK Department for International Development

Anita Cooper, Health Protection Agency

Geoff Darch, Atkins Consultants and University of East Anglia

Ian Davis, Cranfield University

Ken De Souza, UK Department for International Development Andrew Dlugolecki, Climatic Research UnitUniversity of East Anglia

Maureen Fordham, Northumbria University

Tim Forsyth, London School of Economics and Political Science Clare Goodess, University of East Anglia Climatic Research Unit

Jim Hall, Newcastle University

Lucy Hayes, UK Department of Energy and Climate Change

 ${\it Clare\ Heaviside,\ Centre\ for\ Radiation,\ Chemical\ and\ Environmental\ Hazards,\ Health}$

Protection Agency

Debbie Hillier, Oxfam International Robert Hodgson, University of Exeter

Sari Kovats, London School of Hygiene and Tropical Medicine

Bo Lim, United Nations Development Programme

Andrew Maskrey, UN International Strategy for Disaster Reduction

Michael McCall, Universidad Nacional Autonoma de Mexico

William McGuire, University College London Thomas Mitchell, Overseas Development Institute

John Morton, Natural Resources Institute, University of Greenwich

Alessandro Moscuzza, UK Department for International Development

Robert Muir-Wood, Risk Management Solutions Virginia Murray, Health Protection Agency Katherine Nightingale, Christian Aid Geoff O'Brien, Northumbria University

Phil O'Keefe, Northumbria University

Jean Palutikof, Griffith University
Mark Pelling, King's College London

Emily Polack, Institute of Development Studies

Ben Ramalingam, Overseas Development Institute

Nicola Ranger, London School of Economics

John Rees, Natural Environment Research Council, UK

Hannah Rowlatt, Health Protection Agency and University of Sheffield

Sohel Saikat, Health Protection Agency

David Satterthwaite, International Institute for Environment & Development

Chris Sear, UK Department of Energy and Climate Change

A. Simmons, European Centre for Medium-Range Weather Forecasts

Robert Siveter, International Petroleum Industry Environmental Conservation
Association

David Smith, University of the West Indies

Stephen Smith, UK Committee on Climate Change

David Stephenson, University of Exeter Peter Stott, Met Office Hadley Centre

Robert Sykes, International Petroleum Industry Environmental Conservation
Association

Thomas Tanner, Institute of Development Studies

Addis Taye, Health Protection Services

Emma Tompkins, University of Southampton, Highfield Campus

John Twigg, University College London Sotiris Vardoulakis, Health Protection Agency

Emma Visman, Humanitarian Futures Programme, King's College, London

Tim Waites, UK Department for International Development David Warrilow, UK Department of Energy and Climate Change

Paul Watkiss, Paul Watkiss Associates Robert Wilby, University of Loughborough

Michelle Winthrop, UK Department for International Development

Philip Woodworth, National Oceanography Centre

Ronald Young, Young International Ltd / Knowledge Associates International Ltd

United States of America

David Allen, US Global Change Research Program Tom Armstrong, US Global Change Research Program

Jeff Arnold, US Army Corps of Engineers Margaret Arnold, The World Bank

Bilal Ayyub, University of Maryland

Donald Ballantyne, MMI Engineering

Ko Barrett, National Oceanic and Atmospheric Administration Stephen Bender, Organization of American States (retired)

Lisa M. Butler-Harrington, The Wharton School, Kansas State University

JoAnn Carmin, Massachusetts Institute of Technology

Edward Carr, US Administration for International Development

DeWayne Cecil, National Oceanic and Atmospheric Administration

Christina Chan, US Department of State

David Cleaves, US Forest Service

Thomas Cronin, US Geological Survey

Susan Cutter, University of South Carolina

Kirstin Dow, University of South Carolina

David Easterling, National Oceanic and Atmospheric Administration, National

Climatic Data Center

Kristie Ebi, IPCC WGII Technical Support Unit

Barbara Ellis, Center for Disease Control

Christopher Emrich, University of South Carolina

Sandy Eslinger, National Oceanic and Atmospheric Administration

Ross Faith, US Subcommittee on Disaster Reduction Christopher Field. Carnegie Institution for Science

Stephen Gill, National Oceanic and Atmospheric Administration

Justin Ginnetti, United Nations International Strategy for Disaster Reduction

William Gutowski, Iowa State University

D.E. (Ed) Harrison, National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory

Jerry Hatfield, US Department of Agriculture

Robert Heilmayr, Emmett Interdisciplinary Program for Environment and Resources,

Stanford University

Molly Hellmuth, International Research Institute for Climate and Society

Jeremy Hess, Centers for Disease Control and Prevention

Robert Hirsch, US Geological Survey

Robert Jarrett, US Geological Survey

Terry Jeggle, University of Pittsburgh

Mark Keim, Centers for Disease Control and Prevention

Paul Knappenberger, New Hope Environmental Services

Thomas Knutson, National Oceanic and Atmospheric Administration

James Kossin, National Oceanic and Atmospheric Administration, National Climatic
Data Center

Howard Kunreuther, The Wharton School, University of Pennsylvania

David Lea, US Department of State

Arthur Lee, Chevron Services Company

Robin Leichenko, Rutgers University

Maria Carmen Lemos, University of Michigan

Robert Lempert, RAND Corporation

David Levinson, US Forest Service

Joanne Linnerooth-Bayer, International Institute for Applied Systems Analysis

Peter Liotta, Independent Scholar

Chris Little, Woodrow Wilson School of Public and International Affairs, Princeton University

David Lobell, Stanford University Pat Longstaff, Syracuse University Alexander Lotsch, The World Bank Michael MacCracken, Climate Institute

Katharine Mach, IPCC WGII Technical Support Unit

Simon Mason, Columbia University

Michael Mastrandrea, IPCC WGII Technical Support Unit Sabrina McCormick, US Environmental Protection Agency Linda Mearns, National Center for Atmospheric Research Jerry Meehl, National Center for Atmospheric Research

Chris Milly, US Geological Survey

James Mitchell, Rutgers University

Marcus Moench, Institute for Social and Environmental Transition Susanne Moser, Susanne Moser Research and Consulting

Meredith Muth, National Oceanic and Atmospheric Administration

Robert J Naiman, University of Washington

Robert O'Connor, National Science Foundation

Ian O'Donnell, Asian Development Bank

Michael Oppenheimer, Princeton University

Jacob Park, Green Mountain College

Roger Pielke Jr., University of Colorado

David Pierce, Scripps Institution of Oceanography

Mark Powell, National Oceanic and Atmospheric Administration

Michael Prather, University of California, Irvine

Roger Pulwarty, National Oceanic and Atmospheric Administration

David Reidmiller, US Department of State

Dian Seidel, National Oceanic and Atmospheric Administration

Emil Simiu, National Institute of Standards and Technology

Anthony-Oliver Smith, Emeritus, University of Florida

Joel Smith, Stratus Consulting

Susan Solomon, National Oceanic and Atmospheric Administration

Doreen Stabinsky, College of the Atlantic

Amanda Staudt, National Wildlife Federation

Ronald Stouffer, National Oceanic and Atmospheric Administration

Trigg Talley, US Department of State

Wassila Thiaw, National Oceanic and Atmospheric Administration

John Tiefenbacher, Texas State University

Sezin Tokar, US Agency for International Development

Kevin E. Trenberth, National Center for Atmospheric Research

Thomas Wagner, National Aeronautics and Space Administration Robert Webb, National Oceanic and Atmospheric Administration

Elke Weber, Columbia University

Michael Wehner, Lawrence Berkeley National Laboratory

Jason Westrich, University of Georgia, Odum School of Ecology

Thomas Wilbanks, Oak Ridge National Laboratory

Benjamin Wisner, Aon-Benfield UCL Hazard Research Centre, University College London

Richard Wright, American Society of Civil Engineers

Donald Wuebbles, University of Illinois

Tingjun Zhang, University of Colorado National Snow and Ice Data Center

Venezuela

Maria Teresa Abogado, Ministry of People's Powers for Foreign Affairs Jose Azuaje, Ministry of People's Powers for Foreign Affairs

Salvano Briceno, United Nations

Claudia Salerno Caldera, Ministry of People's Powers for Foreign Affairs Isabel Di Carlo Quero, Ministry of People's Powers for Foreign Affairs Rafael Hernandez, Ministry of People's Powers for Foreign Affairs

Federico Lagarde, Ministry of People's Powers for Foreign Affairs Alejandro Linayo, Research Center on Disaster Risk Reduction

Luis Jose Mata, International Monetary Fund

Yessica Pereira, Ministry of People's Powers for Foreign Affairs Reina Perez, Ministry of People's Powers for Foreign Affairs Rafael Rebolledo, Ministry of People's Powers for Foreign Affairs Dirk Thielen, Ministry of People's Powers for Foreign Affairs

Vietnam

Mai Trong Nhuan, Vietnam National University Bach Tan Sinh, National Institute for Science and Technology Policy and Strategy Studies

Zambia

Raban Chanda, University of Botswana