

# Annex V: Contributors to the IPCC WGI Fifth Assessment Report

**This annex should be cited as:**

IPCC, 2013: Annex V: Contributors to the IPCC WGI Fifth Assessment Report. In: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

*Coordinating Lead Authors, Lead Authors, Review Editors and Contributing Authors are listed alphabetically by surname.*

**AAMAAS, Borgar**  
Center for International Climate and Environmental Research Oslo  
Norway

**ABE-OUCHI, Ayako**  
University of Tokyo  
Japan

**ABIODUN, Babatunde**  
University of Cape Town  
South Africa

**ABRAHAM, Libu**  
Qatar Meteorological Department  
Qatar

**ACHUTARAO, Krishna Mirle**  
Indian Institute of Technology  
India

**ADEDOYIN, Akintayo John**  
University of Botswana  
Botswana

**ADLER, Robert F.**  
University of Maryland  
USA

**AHLSTRÖM, Anders**  
Lund University  
Sweden

**ALDRIAN, Edvin**  
Agency for Meteorology, Climatology and Geophysics  
Indonesia

**ALDRIN, Magne**  
Norwegian Computing Center and University of Oslo  
Norway

**ALEXANDER, Lisa V.**  
University of New South Wales  
Australia

**ALLAN, Richard P.**  
University of Reading  
UK

**ALLAN, Robert**  
Met Office Hadley Centre  
UK

**ALLEN, Myles R.**  
University of Oxford  
UK

**ALLEN, Simon K.**  
IPCC WGI TSU, University of Bern  
Switzerland

**ALLISON, Ian**  
Antarctic Climate and Ecosystems Cooperative Research Centre  
Australia

**AMBRIZZI, Tércio**  
University of São Paulo  
Brazil

**AN, Soon-II**  
Yonsei University  
Republic of Korea

**ANAV, Alessandro**  
University of Exeter  
UK

**ANCHUKAITIS, Kevin**  
Woods Hole Oceanographic Institution  
USA

**ANDERSON, Bruce**  
Boston University  
USA

**ANDREWS, Oliver**  
University of East Anglia  
UK

**ANDREWS, Timothy**  
Met Office Hadley Centre  
UK

**AOKI, Shigeru**  
Hokkaido University  
Japan

**AOYAMA, Michio**  
Meteorological Research Institute  
Japan

**ARAKAWA, Osamu**  
University of Tsukuba  
Japan

**ARBLASTER, Julie**  
Bureau of Meteorology  
Australia

**ARCHER, David**  
University of Chicago  
USA

**ARENKT, Anthony A.**  
University of Alaska Fairbanks  
USA

**ARORA, Vivek**  
Environment Canada  
Canada

**ARRITT, Raymond**  
Iowa State University  
USA

**ARTAXO, Paulo**  
University of São Paulo  
Brazil

**BAEHR, Johanna**  
University of Hamburg  
Germany

**BAHR, David B.**  
University of Colorado Boulder  
USA

**BALA, Govindasamy**  
Indian Institute of Science  
India

**BALAN SAROJINI, Beena**  
University of Reading  
UK

**BALDWIN, Mark**  
University of Exeter  
UK

**BAMBER, Jonathan**  
University of Bristol  
UK

**BARINGER, Molly**  
National Oceanic and Atmospheric Administration, Atlantic Oceanographic and Meteorological Laboratory  
USA

**BARLOW, Mathew**  
University of Massachusetts  
USA

**BARRIOPEDRO, David**  
Universidad Complutense de Madrid  
Spain

**BARTHOLY, Judit**  
Eötvös Loránd University  
Hungary

**BARTLEIN, Patrick J.**  
University of Oregon  
USA

**BATES, Nicholas R.**  
Bermuda Biological Station  
Bermuda

**BEER, Jürg**  
Eawag - Swiss Federal Institute of Aquatic Science and Technology  
Switzerland

**BELLOUIN, Nicolas**

University of Reading  
UK

**BENEDETTI, Angela**

European Centre for Medium-Range Weather Forecasts  
UK

**BENITO, Gerardo**

Consejo Superior de Investigaciones Científicas  
Spain

**BEYERLE, Urs**

ETH Zurich  
Switzerland

**BIASUTTI, Michela**

Columbia University  
USA

**BINDOFF, Nathaniel L.**

University of Tasmania  
Australia

**BINER, Sébastien**

Ouranos Consortium on Regional Climatology and Adaptation to Climate Change  
Canada

**BITZ, Cecilia M.**

University of Washington  
USA

**BLAKE, Donald R.**

University of California Irvine  
USA

**BODAS-SALCEDO, Alejandro**

Met Office Hadley Centre  
UK

**BOER, George J.**

Environment Canada  
Canada

**BOJARIU, Roxana**

National Meteorological Administration  
Romania

**BONAN, Gordon**

National Center for Atmospheric Research  
USA

**BONY, Sandrine**

Laboratoire de Météorologie Dynamique,  
Institut Pierre Simon Laplace  
France

**BOOTH, Ben B.B.**

Met Office Hadley Centre  
UK

**BOPP, Laurent**

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

**BORGES, Alberto Vieira**

Université de Liège  
Belgium

**BOUCHER, Olivier**

Laboratoire de Météorologie Dynamique,  
Institut Pierre Simon Laplace  
France

**BOUSQUET, Philippe**

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

**BOUWMAN, Lex**

PBL Netherlands Environmental Assessment Agency  
Netherlands

**BOX, Jason E.**

Geological Survey of Denmark and Greenland  
Denmark

**BOYER, Timothy**

National Oceanic and Atmospheric Administration, National Oceanographic Data Center  
USA

**BRACONNOT, Pascale**

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

**BRAUER, Achim**

GFZ German Research Centre for Geosciences  
Germany

**BRÉON, François-Marie**

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

**BRETHERTON, Christopher**

University of Washington  
USA

**BROMWICH, David H.**

Ohio State University  
USA

**BRÖNNIMANN, Stefan**

University of Bern  
Switzerland

**BROOKS, Harold E.**

National Oceanic and Atmospheric Administration, National Severe Storms Laboratory  
USA

**BROVKIN, Victor**

Max Planck Institute for Meteorology  
Germany

**BROWN, Josephine**

Bureau of Meteorology  
Australia

**BROWN, Ross**

Environment Canada  
Canada

**BROWNE, Oliver**

University of Edinburgh  
UK

**BRUHWILER, Lori M.**

National Oceanic and Atmospheric Administration, Earth System Research Laboratory  
USA

**BRUTEL-VUILMET, Claire**

Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier France

**BYRNE, Robert H.**

University of South Florida  
USA

**CAI, Wenju**

CSIRO Marine and Atmospheric Research  
Australia

**CALDEIRA, Kenneth**

Carnegie Institution for Science  
USA

**CAMERON-SMITH, Philip**

Lawrence Livermore National Laboratory  
USA

**CAMILLONI, Ines**

Universidad de Buenos Aires  
Argentina

**CAMPOS, Edmo**

University of São Paulo  
Brazil

**CANADELL, Josep**

CSIRO Marine and Atmospheric Research  
Australia

**CANE, Mark**

Columbia University  
USA

<b>CAO, Long</b> Zhejiang University China	<b>CHEVALLIER, Frédéric</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>COLLINS, William</b> University of Reading UK
<b>CARRASCO, Jorge</b> Direccion Meteorologica de Chile Chile	<b>CHHABRA, Abha</b> Indian Space Research Organisation India	<b>COLLINS, William</b> Lawrence Berkeley National Laboratory USA
<b>CARSON, Mark</b> University of Hamburg Germany	<b>CHIKAMOTO, Yoshimitsu</b> University of Hawaii USA	<b>COMISO, Josefino C.</b> National Aeronautics and Space Administration, Goddard Space Flight Center USA
<b>CARTER, Tim</b> Finnish Environment Institute Finland	<b>CHOI, Jung</b> Seoul National University Republic of Korea	<b>COOK, Edward</b> Columbia University USA
<b>CARVALHO, Leila V.</b> University of California Santa Barbara USA	<b>CHOU, Sin Chan</b> National Institute for Space Research Brazil	<b>COOK, Kerry H.</b> University of Texas USA
<b>CATTO, Jennifer</b> Monash University Australia	<b>CHRISTENSEN, Jens Hesselbjerg</b> Danish Meteorological Institute Denmark	<b>COOLEY, Sarah</b> Woods Hole Oceanographic Institution USA
<b>CAVALCANTI, Iracema F.A.</b> National Institute for Space Research Brazil	<b>CHRISTENSEN, Ole Bøssing</b> Danish Meteorological Institute Denmark	<b>COOPER, Owen R.</b> Cooperative Institute for Research in Environmental Sciences USA
<b>CAZENAVE, Anny</b> Laboratoire d'Etudes en Géophysique et Océanographie Spatiales France	<b>CHRISTIDIS, Nikolaos</b> Met Office Hadley Centre UK	<b>CORTI, Susanna</b> Institute of Atmospheric Sciences and Climate Italy
<b>CHADWICK, Robin</b> Met Office Hadley Centre UK	<b>CHURCH, John A.</b> CSIRO Marine and Atmospheric Research Australia	<b>COX, Peter</b> University of Exeter UK
<b>CHAMBERS, Don</b> University of South Florida USA	<b>CIAIS, Philippe</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>CROWLEY, Thomas</b> Braeheads Institute UK
<b>CHANG, Ping</b> Texas A&M University USA	<b>CLARK, Peter U.</b> Oregon State University USA	<b>CUBASCH, Ulrich</b> Freie Universität Berlin Germany
<b>CHAPPELLAZ, Jérôme</b> Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier France	<b>CLEVELAND, Cory</b> University of Montana USA	<b>CUNNINGHAM, Stuart</b> Scottish Association of Marine Science UK
<b>CHARABI, Yassine Abdul-Rahman</b> Sultan Qaboos University Oman	<b>CLIFTON, Olivia</b> Columbia University USA	<b>DAI, Aiguo</b> University at Albany USA
<b>CHEN, Deliang</b> University of Gothenburg Sweden	<b>COGLEY, J. Graham</b> Trent University Canada	<b>DALSØREN, Stig B.</b> Center for International Climate and Environmental Research Oslo Norway
<b>CHEN, Xiaolong</b> Institute of Atmospheric Physics, Chinese Academy of Sciences China	<b>COLLINS, Matthew</b> University of Exeter UK	<b>DANIEL, John S.</b> National Oceanic and Atmospheric Administration, Earth System Research Laboratory USA

<b>DAVIS, Robert E.</b> University of Virginia USA	<b>DINEZIO, Pedro</b> University of Hawaii USA	<b>EASTERLING, David R.</b> National Oceanic and Atmospheric Administration, Cooperative Institute for Climate and Satellites USA
<b>DAVIS, Sean M.</b> National Oceanic and Atmospheric Administration, Earth System Research Laboratory USA	<b>DING, Yihui</b> National Climate Center, China Meteorological Administration China	<b>EBY, Michael</b> University of Victoria Canada
<b>DE CASTRO, Manuel</b> Universidad de Castilla-La Mancha Spain	<b>DLUGOKENCKY, Edward J.</b> National Oceanic and Atmospheric Administration, Earth System Research Laboratory USA	<b>EDWARDS, R. Lawrence</b> University of Minnesota USA
<b>DE DEKKER, Patrick</b> Australian National University Australia	<b>DOBLAS-REYES, Francisco</b> Institució Catalana de Recerca i Estudis Avançats and Institut Català de Ciències del Clima Spain	<b>ELISEEV, Alexey</b> Russian Academy of Sciences Russian Federation
<b>DE ELÍA, Ramón</b> Université du Québec à Montréal and Ouranos Consortium Canada	<b>DOKKEN, Trond</b> Uni Research Norway Norway	<b>EMANUEL, Kerry</b> Massachusetts Institute of Technology USA
<b>DE MENEZES, Viviane Vasconcellos</b> University of Tasmania Australia	<b>DOMINGUES, Catia M.</b> Antarctic Climate and Ecosystems Cooperative Research Centre Australia	<b>EMORI, Seita</b> National Institute for Environmental Studies Japan
<b>DE VERNAL, Anne</b> Université du Québec à Montréal Canada	<b>DONAT, Markus G.</b> University of New South Wales Australia	<b>ENDO, Hirokazu</b> Meteorological Research Institute Japan
<b>DEFRIES, Ruth</b> Columbia University USA	<b>DONEY, Scott C.</b> Woods Hole Oceanographic Institution USA	<b>ENFIELD, David B.</b> University of Miami USA
<b>DEL GENIO, Anthony</b> National Aeronautics and Space Administration, Goddard Institute for Space Studies USA	<b>DONG, Wenjie</b> Beijing Normal University China	<b>ERISMAN, Jan Willem</b> Louis Bolk Institute Netherlands
<b>DELCROIX, Thierry</b> Laboratoire d'Etudes en Géophysique et Océanographie Spatiales France	<b>DORE, John</b> Montana State University USA	<b>EUSKIRCHEN, Eugenie S.</b> University of Alaska Fairbanks USA
<b>DELECLUSE, Pascale</b> Météo-France France	<b>DOWSETT, Harry J.</b> U.S. Geological Survey USA	<b>EVAN, Amato</b> Scripps Institution of Oceanography USA
<b>DELMONTE, Barbara</b> University of Milano-Bicocca Italy	<b>DRIOUECH, Fatima</b> Direction de la Météorologie Nationale Morocco	<b>EYRING, Veronika</b> DLR German Aerospace Center Germany
<b>DELSOLE, Tim</b> George Mason University USA	<b>DUFRESNE, Jean-Louis</b> Laboratoire de Météorologie Dynamique, Institut Pierre Simon Laplace France	<b>FACCHINI, Maria Cristina</b> Institute of Atmospheric Sciences and Climate Italy
<b>DENTENER, Frank J.</b> European Commission, Joint Research Center EU	<b>DURACK, Paul J.</b> Lawrence Livermore National Laboratory USA	<b>FASULLO, John</b> National Center for Atmospheric Research USA
<b>DESER, Clara</b> National Center for Atmospheric Research USA		<b>FEELY, Richard A.</b> National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory USA

**FEINGOLD, Graham**

National Oceanic and Atmospheric Administration, Earth System Research Laboratory, USA

**FETTWEIS, Xavier**

Université de Liège  
Belgium

**FICHEFET, Thierry**

Université catholique de Louvain  
Belgium

**FINE, Rana**

University of Miami  
USA

**FIOLETOV, Vitali**

Environment Canada  
Canada

**FOIRE, Arlene M.**

Columbia University and Lamont-Doherty Earth Observatory  
USA

**FISCHER, Erich M.**

ETH Zurich  
Switzerland

**FISCHER, Hubertus**

University of Bern  
Switzerland

**FLANNER, Mark**

University of Michigan  
USA

**FLATO, Gregory**

Environment Canada  
Canada

**FLEITMANN, Dominik**

University of Reading  
UK

**FOREST, Chris E.**

Pennsylvania State University  
USA

**FORSTER, Piers**

University of Leeds  
UK

**FOSTER, Gavin**

University of Southampton  
UK

**FRAME, David**

Victoria University of Wellington  
New Zealand

**FREELAND, Howard**

Fisheries and Oceans Canada  
Canada

**FRIEDLINGSTEIN, Pierre**

University of Exeter  
UK

**FRÖHLICH, Claus**

Physikalisch-Meteorologisches  
Observatorium Davos, World Radiation  
Center  
Switzerland

**FUGLESTVEDT, Jan**

Center for International Climate and  
Environmental Research Oslo  
Norway

**FUZZI, Sandro**

Institute of Atmospheric Sciences and  
Climate  
Italy

**FYFE, John**

Environment Canada  
Canada

**GALLOWAY, James**

University of Virginia  
USA

**GANOPOLSKI, Andrey**

Potsdam Institute for Climate Impact  
Research  
Germany

**GAO, Xuejie**

National Climate Center, China  
Meteorological Administration  
China

**GARCÍA-SERRANO, Javier**

Institut Català de Ciències del Clima  
Spain

**GARDNER, Alex S.**

Clark University  
USA

**GARZOLI, Silvia**

National Oceanic and Atmospheric  
Administration, Atlantic Oceanographic and  
Meteorological Laboratory  
USA

**GATES, Lydia**

Freie Universität Berlin  
Germany

**GBOBANIYI, Emiola**

Swedish Meteorological and Hydrological  
Institute  
Sweden

**GEHRELS, W. Roland**

University of York  
UK

**GERLAND, Sebastian**

Norwegian Polar Institute  
Norway

**GHAN, Steven**

Pacific Northwest National Laboratory  
USA

**GIANNINI, Alessandra**

Columbia University  
USA

**GIESEN, Rianne**

Utrecht University  
Netherlands

**GILLETT, Nathan**

Environment Canada  
Canada

**GINOUX, Paul**

National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**GLECKLER, Peter J.**

Lawrence Livermore National Laboratory  
USA

**GONZÁLEZ ROUCO, Jesús Fidel**

Universidad Complutense de Madrid  
Spain

**GONZÁLEZ-DÁVILA, Melchor**

Universidad de Las Palmas de Gran Canaria  
Spain

**GOOD, Peter**

Met Office Hadley Centre  
UK

**GOOD, Simon**

Met Office Hadley Centre  
UK

**GOODESS, Clare**

University of East Anglia  
UK

**GOOSSE, Hugues**

Université catholique de Louvain  
Belgium

**GOSWAMI, Prashant**

CSIR Centre for Mathematical Modelling and  
Computer Simulation  
India

<b>GOVIN, Aline</b> MARUM Center for Marine Environmental Sciences Germany	<b>GUTOWSKI, William J.</b> Iowa State University USA	<b>HEIMANN, Martin</b> Max Planck Institute for Biogeochemistry Germany
<b>GRANIER, Claire</b> Laboratoire Atmosphères, Milieux, Observations Spatiales, Institut Pierre Simon Laplace France	<b>GUTZLER, David</b> University of New Mexico USA	<b>HEINZE, Christoph</b> University of Bergen Norway
<b>GRAVERSON, Rune Grand</b> Stockholm University Sweden	<b>HAAS, Christian</b> York University Canada	<b>HELD, Isaac</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA
<b>GRAY, Lesley</b> University of Oxford UK	<b>HAGEN, Jon Ove</b> University of Oslo Norway	<b>HEMER, Mark</b> CSIRO Marine and Atmospheric Research Australia
<b>GREGORY, Jonathan M.</b> University of Reading and Met Office Hadley Centre UK	<b>HAIGH, Joanna</b> Imperial College London UK	<b>HENSE, Andreas</b> University of Bonn Germany
<b>GREVE, Ralf</b> Hokkaido University Japan	<b>HAIMBERGER, Leopold</b> University of Vienna Austria	<b>HEWITSON, Bruce</b> University of Cape Town South Africa
<b>GRIFFIES, Stephen</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA	<b>HALL, Alex</b> University of California Los Angeles USA	<b>HEZEL, Paul J.</b> Université catholique de Louvain Belgium
<b>GRUBER, Nicolas</b> ETH Zurich Switzerland	<b>HANNA, Edward</b> University of Sheffield UK	<b>HO, Shu-Peng (Ben)</b> National Center for Atmospheric Research USA
<b>GRUBER, Stephan</b> University of Zurich Switzerland	<b>HANSINGO, Kabumbwe</b> University of Zambia Zambia	<b>HOCK, Regine</b> University of Alaska Fairbanks USA
<b>GUEMAS, Virginie</b> Institut Català de Ciències del Clima Spain	<b>HARGREAVES, Julia</b> Japan Agency for Marine-Earth Science and Technology Japan	<b>HODGES, Kevin I.</b> University of Reading UK
<b>GUIYARDI, Eric</b> Laboratoire d'Océanographie et du Climat, Institut Pierre Simon Laplace France	<b>HARIHARASUBRAMANIAN, Annamalai</b> University of Hawaii USA	<b>HODNEBROG, Øivind</b> Center for International Climate and Environmental Research Oslo Norway
<b>GULEV, Sergey</b> P.P. Shirshov Institute of Oceanology Russian Federation	<b>HARRISON, Sandy</b> Macquarie University Australia	<b>HOLGATE, Simon J.</b> Sea Level Research Foundation UK
<b>GUPTA, Anil K.</b> Wadia Institute of Himalayan Geology India	<b>HARTMANN, Dennis L.</b> University of Washington USA	<b>HOLLAND, David</b> New York University USA
<b>GURNEY, Kevin</b> Arizona State University USA	<b>HAWKINS, Ed</b> University of Reading UK	<b>HOLLAND, Elisabeth A.</b> University of the South Pacific Fiji
	<b>HAYWOOD, Alan</b> University of Leeds UK	<b>HOLLAND, Greg</b> National Center for Atmospheric Research USA
	<b>HEGERL, Gabriele C.</b> University of Edinburgh UK	

<b>HOLLAND, Marika M.</b> National Center for Atmospheric Research USA	<b>HURRELL, Jim</b> National Center for Atmospheric Research USA	<b>JAKOB, Christian</b> Monash University Australia
<b>HOLLIS, Chris</b> GNS Science New Zealand	<b>HURTT, George</b> University of Maryland USA	<b>JANSEN, Eystein</b> University of Bergen Norway
<b>HOLMES, Christopher</b> University of California Irvine USA	<b>HUSS, Matthias</b> University of Fribourg Switzerland	<b>JANSSEN, Emily</b> University of Illinois USA
<b>HOOSE, Corinna</b> Karlsruhe Institute of Technology Germany	<b>HYUBRECHTS, Philippe</b> Vrije Universiteit Brussel Belgium	<b>JEVREJAVA, Svetlana</b> National Oceanography Centre UK
<b>HOPWOOD, Brett</b> Oak Ridge National Laboratory USA	<b>HYDES, David</b> National Oceanography Centre UK	<b>JOHN, Jasmin</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA
<b>HORTON, Ben</b> Rutgers University USA	<b>ILYINA, Tatiana</b> Max Planck Institute for Meteorology Germany	<b>JOHNS, Tim</b> Met Office Hadley Centre UK
<b>HOUGHTON, Richard A.</b> Woods Hole Research Center USA	<b>IMBERS QUINTANA, Jara</b> University of Oxford UK	<b>JOHNSON, Gregory C.</b> National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory USA
<b>HOUSE, Joanna I.</b> University of Bristol UK	<b>INFANTI, Johnna</b> University of Miami USA	<b>JONES, Andy</b> Met Office Hadley Centre UK
<b>HOUWELING, Sander</b> Utrecht University Netherlands	<b>INGRAM, William</b> University of Oxford UK	<b>JONES, Christopher</b> Met Office Hadley Centre UK
<b>HU, Yongyun</b> Peking University China	<b>ISHII, Masayoshi</b> Meteorological Research Institute Japan	<b>JONES, Julie</b> University of Sheffield UK
<b>HUANG, Jianping</b> Lanzhou University China	<b>IVANOVA, Detelina</b> Lawrence Livermore National Laboratory USA	<b>JOOS, Fortunat</b> University of Bern Switzerland
<b>HUANG, Ping</b> Institute of Atmospheric Physics, Chinese Academy of Sciences China	<b>JACOB, Daniel</b> Harvard University USA	<b>JOSEY, Simon A.</b> National Oceanography Centre UK
<b>HUBER, Markus</b> ETH Zurich Switzerland	<b>JACOBS, Stanley</b> Columbia University USA	<b>JOSHI, Manoj</b> University of East Anglia UK
<b>HUNKE, Elizabeth</b> Los Alamos National Laboratory USA	<b>JACOBSON, Andrew D.</b> Northwestern University USA	<b>JOUGHIN, Ian</b> University of Washington USA
<b>HUNTER, John R.</b> University of Tasmania Australia	<b>JAIN, Atul</b> University of Illinois USA	<b>JOUSSAUME, Sylvie</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France
<b>HUNTER, Stephen</b> University of Leeds UK	<b>JAIN, Suman</b> University of Zambia Zambia	

<b>JOUZEL, Jean</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>KATZFEY, Jack</b> CSIRO Marine and Atmospheric Research Australia	<b>KLEIN, Stephen A.</b> Lawrence Livermore National Laboratory USA
<b>JUNGCLAUS, Johann</b> Max Planck Institute for Meteorology Germany	<b>KAZMIN, Alexander</b> P.P. Shirshov Institute of Oceanology Russian Federation	<b>KLEIN GOLDEWIJK, Kees</b> Utrecht University and PBL Netherlands Environmental Assessment Agency Netherlands
<b>KAGEYAMA, Masa</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>KEELING, Ralph</b> Scripps Institution of Oceanography USA	<b>KLEIN TANK, Albert M.G.</b> Royal Netherlands Meteorological Institute Netherlands
<b>KANIKICHLARLA, Krishna Kumar</b> Indian Institute of Tropical Meteorology India	<b>KENNEDY, John J.</b> Met Office Hadley Centre UK	<b>KLEYPAS, Joan</b> National Center for Atmospheric Research USA
<b>KANYANGA, Joseph Katongo</b> Zambia Meteorological Department Zambia	<b>KENT, Elizabeth C.</b> National Oceanography Centre UK	<b>KLIMONT, Zbigniew</b> International Institute for Applied Systems Analysis Austria
<b>KANZOW, Torsten</b> GEOMAR Helmholtz Centre for Ocean Research Germany	<b>KERMINEN, Veli-Matti</b> Finnish Meteorological Institute Finland	<b>KLOSTER, Silvia</b> Max Planck Institute for Meteorology Germany
<b>KAPLAN, Alexey</b> Columbia University USA	<b>KEY, Robert M.</b> Princeton University USA	<b>KNIGHT, Jeff</b> Met Office Hadley Centre UK
<b>KAPLAN, Jed O.</b> EPFL Lausanne Switzerland	<b>KHARIN, Viatcheslav</b> Environment Canada Canada	<b>KNUTSON, Thomas</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA
<b>KARL, David</b> University of Hawaii USA	<b>KHATIWALA, Samar</b> Columbia University USA	<b>KNUTTI, Reto</b> ETH Zurich Switzerland
<b>KARUMURI, Ashok</b> Indian Institute of Tropical Meteorology India	<b>KIMOTO, Masahide</b> University of Tokyo Japan	<b>KOCH, Dorothy</b> U.S. Department of Energy USA
<b>KASER, Georg</b> University of Innsbruck Austria	<b>KINNE, Stefan</b> Max Planck Institute for Meteorology Germany	<b>KOIKE, Makoto</b> University of Tokyo Japan
<b>KASPAR, Frank</b> Deutscher Wetterdienst Germany	<b>KIRSCHKE, Stefanie</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>KONDO, Yutaka</b> University of Tokyo Japan
<b>KATO, Etsushi</b> National Institute for Environmental Studies Japan	<b>KIRTMAN, Ben</b> University of Miami USA	<b>KONIKOW, Leonard</b> U.S. Geological Survey USA
<b>KATSMAN, Caroline</b> Royal Netherlands Meteorological Institute Netherlands	<b>KITO, Akio</b> University of Tsukuba Japan	<b>KOPP, Robert</b> Rutgers University USA
<b>KATTSOV, Vladimir</b> Voeikov Main Geophysical Observatory Russian Federation	<b>KJELLSTRÖM, Erik</b> Swedish Meteorological and Hydrological Institute Sweden	<b>KÖRPER, Janina</b> Freie Universität Berlin Germany

<b>KOSSIN, James P.</b> National Oceanic and Atmospheric Administration, Cooperative Institute for Meteorological Satellite Studies USA	<b>LANDAIS, Amaëlle</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>LEE, Tong</b> National Aeronautics and Space Administration, Jet Propulsion Laboratory USA
<b>KOSTIANOV, Andrey</b> P.P. Shirshov Institute of Oceanology Russian Federation	<b>LANDERER, Felix</b> National Aeronautics and Space Administration, Jet Propulsion Laboratory USA	<b>LEMKE, Peter</b> Alfred Wegener Institute for Polar and Marine Research Germany
<b>KOVEN, Charles</b> Lawrence Berkeley National Laboratory USA	<b>LASSEY, Keith</b> National Institute of Water and Atmospheric Research New Zealand	<b>LENAERTS, Jan</b> Utrecht University Netherlands
<b>KRAVITZ, Ben</b> Pacific Northwest National Laboratory USA	<b>LAU, Ngar-Cheung</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA	<b>LENDERINK, Geert</b> Royal Netherlands Meteorological Institute Netherlands
<b>KRINNER, Gerhard</b> Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier France	<b>LAU, William K.</b> National Aeronautics and Space Administration, Goddard Institute for Space Studies USA	<b>LENNARD, Chris</b> University of Cape Town South Africa
<b>KROEZE, Carolien</b> Wageningen University and Open Universiteit Nederland Netherlands	<b>LAW, Rachel M.</b> CSIRO Marine and Atmospheric Research Australia	<b>LENTON, Andrew</b> CSIRO Marine and Atmospheric Research Australia
<b>KULKARNI, Ashwini</b> Indian Institute of Tropical Meteorology India	<b>LAWRENCE, David M.</b> National Center for Atmospheric Research USA	<b>LEULIETTE, Eric</b> National Oceanic and Atmospheric Administration, Center for Satellite Applications and Research USA
<b>KUNDETI, Koteswara Rao</b> Indian Institute of Tropical Meteorology India	<b>LE BROCQ, Anne</b> University of Exeter UK	<b>LEUNG, Lai-yung Ruby</b> Pacific Northwest National Laboratory USA
<b>KUSHNIR, Yochanan</b> Columbia University USA	<b>LE QUÉRÉ, Corinne</b> University of East Anglia UK	<b>LEVERMANN, Anders</b> Potsdam Institute for Climate Impact Research Germany
<b>KWOK, Ronald</b> National Aeronautics and Space Administration, Jet Propulsion Laboratory USA	<b>LEBSOCK, Matthew</b> National Aeronautics and Space Administration, Jet Propulsion Laboratory USA	<b>LI, Camille</b> University of Bergen Norway
<b>KWON, Won-Tae</b> National Institute of Meteorological Research Republic of Korea	<b>LEE, David</b> Manchester Metropolitan University UK	<b>LI, Hongmei</b> Max Planck Institute for Meteorology Germany
<b>LAKEN, Benjamin</b> Instituto de Astrofísica de Canarias Spain	<b>LEE, Kitack</b> Pohang University of Science and Technology Republic of Korea	<b>LIAO, Hong</b> Institute of Atmospheric Physics, Chinese Academy of Sciences China
<b>LAMARQUE, Jean-François</b> National Center for Atmospheric Research USA	<b>LEE, Robert W.</b> University of Reading UK	<b>LIDDICOAT, Spencer</b> Met Office Hadley Centre UK
<b>LAMBECK, Kurt</b> Australian National University Australia		<b>LIGTENBERG, Stefan</b> Utrecht University Netherlands

<b>LIN, Renping</b> Institute of Atmospheric Physics, Chinese Academy of Sciences China	<b>MACKELLAR, Neil C.</b> University of Cape Town South Africa	<b>MATTHEWS, H. Damon</b> Concordia University Canada
<b>LITTLE, Christopher M.</b> Princeton University USA	<b>MAGAÑA, Victor</b> Universidad Nacional Autonoma de Mexico Mexico	<b>MAURITZEN, Cecilie</b> Center for International Climate and Environmental Research Oslo Norway
<b>LO, Fiona</b> Cornell University USA	<b>MAHLSTEIN, Irina</b> Federal Office of Meteorology and Climatology MeteoSwiss Switzerland	<b>MAYORGA, Emilio</b> University of Washington USA
<b>LOCKWOOD, Mike</b> University of Reading UK	<b>MAHOWALD, Natalie</b> Cornell University USA	<b>MCGREGOR, Shayne</b> University of New South Wales Australia
<b>LOEB, Norman G.</b> National Aeronautics and Space Administration, Langley Research Center USA	<b>MAKI, Takashi</b> Meteorological Research Institute Japan	<b>MCINNES, Kathleen L.</b> CSIRO Marine and Atmospheric Research Australia
<b>LOHMANN, Ulrike</b> ETH Zurich Switzerland	<b>MARENGO, José</b> National Institute for Space Research Brazil	<b>MEARNS, Linda</b> National Center for Atmospheric Research USA
<b>LOMAS, Mark R.</b> University of Sheffield UK	<b>MARKUS, Thorsten</b> National Aeronautics and Space Administration, Goddard Space Flight Center USA	<b>MEARS, Carl A.</b> Remote Sensing Systems USA
<b>LOSADA, Teresa</b> Universidad de Castilla-La Mancha Spain	<b>MARLAND, Gregg</b> Appalachian State University USA	<b>MEEHL, Gerald</b> National Center for Atmospheric Research USA
<b>LOTT, Fraser</b> Met Office Hadley Centre UK	<b>MAROTZKE, Jochem</b> Max Planck Institute for Meteorology Germany	<b>MEINSHAUSEN, Malte</b> Potsdam Institute for Climate Impact Research Germany
<b>LU, Jian</b> George Mason University USA	<b>MARSHALL, Gareth</b> British Antarctic Survey UK	<b>MELTON, Joe R.</b> Environment Canada Canada
<b>LUCAS, Christopher</b> Bureau of Meteorology Australia	<b>MARSTON, George</b> University of Reading UK	<b>MENDOZA, Blanca</b> Universidad Nacional Autonoma de Mexico Mexico
<b>LUCHT, Wolfgang</b> Potsdam Institute for Climate Impact Research Germany	<b>MARZEION, Ben</b> University of Innsbruck Austria	<b>MENÉNDEZ, Claudio</b> Universidad de Buenos Aires Argentina
<b>LUNT, Daniel J.</b> University of Bristol UK	<b>MASSOM, Rob</b> Australian Antarctic Division Australia	<b>MENÉNDEZ, Melisa</b> Universidad de Cantabria Spain
<b>LUO, Yiqi</b> University of Oklahoma USA	<b>MASSON-DELMOTTE, Valérie</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>MENNE, Matthew</b> National Oceanic and Atmospheric Administration, National Climatic Data Center USA
<b>LUTERBACHER, Jürg</b> Justus-Liebig University Giessen Germany	<b>MASSONNET, François</b> Université catholique de Louvain Belgium	<b>MERCHANT, Christopher J.</b> University of Edinburgh UK

**MERNILD, Sebastian H.**  
Los Alamos National Laboratory  
USA

**MERRIFIELD, Mark A.**  
University of Hawaii  
USA

**METZL, Nicolas**  
Laboratoire d'Océanographie et du Climat,  
Institut Pierre Simon Laplace  
France

**MILNE, Glenn A.**  
University of Ottawa  
Canada

**MIN, Seung-Ki**  
Pohang University of Science and Technology  
Republic of Korea

**MITCHELL, Daniel**  
University of Oxford  
UK

**MITROVICA, Jerry X.**  
Harvard University  
USA

**MOBERG, Anders**  
Stockholm University  
Sweden

**MOHOLDT, Geir**  
Scripps Institution of Oceanography  
USA

**MOKHOV, Igor I.**  
A.M. Obukhov Institute of Atmospheric  
Physics  
Russian Federation

**MOKSSIT, Abdalah**  
Direction de la Météorologie Nationale  
Morocco

**MÖLG, Thomas**  
Technical University Berlin  
Germany

**MONSELESAN, Didier**  
CSIRO Marine and Atmospheric Research  
Australia

**MONTZKA, Stephen A.**  
National Oceanic and Atmospheric  
Administration, Earth System Research  
Laboratory  
USA

**MORAK, Simone**  
University of Reading  
UK

**MORDY, Calvin**  
National Oceanic and Atmospheric  
Administration, Pacific Marine Environmental  
Laboratory  
USA

**MORICE, Colin P.**  
Met Office Hadley Centre  
UK

**MOTE, Philip**  
Oregon State University  
USA

**MOTTRAM, Ruth**  
Danish Meteorological Institute  
Denmark

**MSADEK, Rym**  
National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**MUDELSEE, Manfred**  
Alfred Wegener Institute for Polar and Marine  
Research  
Germany

**MÜLLER, Stefanie**  
Freie Universität Berlin  
Germany

**MUHS, Daniel R.**  
U.S. Geological Survey  
USA

**MULITZA, Stefan**  
MARUM Center for Marine Environmental  
Sciences  
Germany

**MUNHOVEN, Guy**  
Université de Liège  
Belgium

**MURAKAMI, Hiroyuki**  
University of Hawaii  
USA

**MURPHY, Daniel**  
National Oceanic and Atmospheric  
Administration, Earth System Research  
Laboratory  
USA

**MURRAY, Tavi**  
Swansea University  
UK

**MYHRE, Cathrine Lund**  
Norwegian Institute for Air Research  
Norway

**MYHRE, Gunnar**  
Center for International Climate and  
Environmental Research Oslo  
Norway

**MYNENI, Ranga B.**  
Boston University  
USA

**NAIK, Vaishali**  
National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**NAISH, Tim**  
Victoria University of Wellington  
New Zealand

**NAKAJIMA, Teruyuki**  
University of Tokyo  
Japan

**NATH, Mary Jo**  
National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**NEELIN, J. David**  
University of California Los Angeles  
USA

**NEREM, R. Steven**  
Cooperative Institute for Research in  
Environmental Sciences  
USA

**NICHOLAS, J.P.**  
Ohio State University  
USA

**NICK, Faezeh**  
UNIS - The University Centre in Svalbard  
Norway

**NIELSEN, Claus J.**  
University of Oslo  
Norway

**NIWA, Yosuke**  
Meteorological Research Institute  
Japan

**NOJIRI, Yukihiro**  
National Institute for Environmental Studies  
Japan

**NORBY, Richard J.**  
Oak Ridge National Laboratory  
USA

**NORRIS, Joel R.**  
Scripps Institution of Oceanography  
USA

<b>NUNN, Patrick D.</b> University of New England Australia	<b>PALMER, Tim</b> University of Oxford UK	<b>PERRETTE, Mahé</b> Potsdam Institute for Climate Impact Research Germany
<b>O'CONNOR, Fiona</b> Met Office Hadley Centre UK	<b>PARK, Geun-Ha</b> Korea Institute of Ocean Science and Technology Republic of Korea	<b>PETERS, Glen P.</b> Center for International Climate and Environmental Research Oslo Norway
<b>O'DOWD, Colin</b> National University of Ireland, Galway Ireland	<b>PARK, Geun-Ha</b> National Oceanic and Atmospheric Administration, Atlantic Oceanographic and Meteorological Laboratory USA	<b>PETERS, Wouter</b> Wageningen University Netherlands
<b>O'NEILL, Brian C.</b> National Center for Atmospheric Research USA	<b>PARKER, David E.</b> Met Office Hadley Centre UK	<b>PETERSCHMITT, Jean-Yves</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France
<b>OLAFSSON, Jon</b> University of Iceland Iceland	<b>PARRENIN, Frédéric</b> Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier France	<b>PEYLIN, Philippe</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France
<b>OLESEN, Martin</b> Danish Meteorological Institute Denmark	<b>PATRA, Prabir</b> Japan Agency for Marine-Earth Science and Technology Japan	<b>PFEFFER, W. Tad</b> University of Colorado Boulder USA
<b>ORR, James</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>PATRICOLA, Christina M.</b> Texas A&M University USA	<b>PHILIPPON-BERTHIER, Gwenaëlle</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France
<b>ORSI, Alejandro</b> Texas A&M University USA	<b>PAUL, Frank</b> University of Zurich Switzerland	<b>PIAO, Shilong</b> Peking University China
<b>OSBORN, Timothy</b> University of East Anglia UK	<b>PAVLOVA, Tatiana</b> Voeikov Main Geophysical Observatory Russian Federation	<b>PIERCE, David</b> Scripps Institution of Oceanography USA
<b>OTTO, Alexander</b> University of Oxford UK	<b>PAYNE, Antony J.</b> University of Bristol UK	<b>PIPER, Stephen</b> Scripps Institution of Oceanography USA
<b>OTTO, Friederike</b> University of Oxford UK	<b>PEARSON, Paul N.</b> Cardiff University UK	<b>PITMAN, Andy</b> University of New South Wales Australia
<b>OTTO-BLIESNER, Bette</b> National Center for Atmospheric Research USA	<b>PENNER, Joyce</b> University of Michigan USA	<b>PLANTON, Serge</b> Météo-France France
<b>OVERDUIN, Pier Paul</b> Alfred Wegener Institute for Polar and Marine Research Germany	<b>PEREGON, Anna</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>PLATTNER, Gian-Kasper</b> IPCC WGI TSU, University of Bern Switzerland
<b>OVERLAND, James</b> National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory USA	<b>PERLWITZ, Judith</b> Cooperative Institute for Research in Environmental Sciences USA	<b>POLCHER, Jan</b> Laboratoire de Météorologie Dynamique, Institut Pierre Simon Laplace France
<b>PAINTER, Jeff</b> Lawrence Livermore National Laboratory USA		

**POLLARD, David**  
Pennsylvania State University  
USA

**POLSON, Debbie**  
University of Edinburgh  
UK

**POLYAKOV, Igor**  
University of Alaska Fairbanks  
USA

**PONGRATZ, Julia**  
Max Planck Institute for Meteorology  
Germany

**POULTER, Benjamin**  
Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace  
France

**POWER, Scott B.**  
Bureau of Meteorology  
Australia

**PRABHAT**  
Lawrence Berkeley National Laboratory  
USA

**PRATHER, Michael**  
University of California Irvine  
USA

**PROWSE, Terry**  
Environment Canada  
Canada

**PURKEY, Sarah G.**  
University of Washington  
USA

**QIAN, Yun**  
Pacific Northwest National Laboratory  
USA

**QIN, Dahe**  
Co-Chair IPCC WGI, China Meteorological Administration  
China

**QIU, Bo**  
University of Hawaii  
USA

**QUINN, Terrence**  
University of Texas  
USA

**RADIĆ, Valentina**  
University of British Columbia  
Canada

**RAE, Jamie**  
Met Office Hadley Centre  
UK

**RAHIMZADEH, Fatemeh**  
Islamic Republic of Iran Meteorological Organization  
Iran

**RAHMSTORF, Stefan**  
Potsdam Institute for Climate Impact Research  
Germany

**RÄISÄNEN, Jouni**  
University of Helsinki  
Finland

**RAMASWAMY, Venkatachalam**  
National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory  
USA

**RAMESH, Rengaswamy**  
Physical Research Laboratory  
India

**RANDALL, David**  
Colorado State University  
USA

**RANDEL, William J.**  
National Center for Atmospheric Research  
USA

**RASCH, Philip**  
Pacific Northwest National Laboratory  
USA

**RAUSER, Florian**  
Max Planck Institute for Meteorology  
Germany

**RAVISHANKARA, A.R.**  
National Oceanic and Atmospheric Administration, Earth System Research Laboratory  
USA

**RAY, Suchanda**  
CSIR Centre for Mathematical Modelling and Computer Simulation  
India

**RAYMOND, Peter A.**  
Yale University  
USA

**RAYNAUD, Dominique**  
Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier  
France

**RAYNER, Peter**  
University of Melbourne  
Australia

**REASON, Chris**  
University of Cape Town  
South Africa

**REICH, Katharine Davis**  
University of California Los Angeles  
USA

**REID, Jeffrey**  
U.S. Naval Research Laboratory  
USA

**REN, Jiawen**  
Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
China

**RENWICK, James**  
Victoria University of Wellington  
New Zealand

**REVERDIN, Gilles**  
Laboratoire d'Océanographie et du Climat, Institut Pierre Simon Laplace  
France

**RHEIN, Monika**  
University of Bremen  
Germany

**RIBES, Aurélien**  
Météo-France  
France

**RICHTER, Andreas**  
University of Bremen  
Germany

**RICHTER, Carolin**  
World Meteorological Organization  
Switzerland

**RIDGWELL, Andy**  
University of Bristol  
UK

**RIGBY, Matthew**  
University of Bristol  
UK

**RIGNOT, Eric**  
National Aeronautics and Space Administration, Jet Propulsion Laboratory  
USA

**RILEY, William J.**  
Lawrence Berkeley National Laboratory  
USA

<b>RINGEVAL, Bruno</b> Utrecht University Netherlands	<b>RUSTICUCCI, Matilde</b> Universidad de Buenos Aires Argentina	<b>SCHMIDTKO, Sunke</b> University of East Anglia UK
<b>RINTOUL, Stephen R.</b> CSIRO Marine and Atmospheric Research Australia	<b>RUTI, Paolo</b> Italian National Agency for New Technologies, Energy and Sustainable Economic Development Italy	<b>SCHMITT, Raymond</b> Woods Hole Oceanographic Institution USA
<b>ROBINSON, David</b> Rutgers University USA	<b>SABINE, Christopher</b> National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory USA	<b>SCHMITTNER, Andreas</b> Oregon State University USA
<b>ROBOCK, Alan</b> Rutgers University USA	<b>SAENKO, Oleg</b> Environment Canada Canada	<b>SCHOOF, Christian</b> University of British Columbia Canada
<b>RÖDENBECK, Christian</b> Max Planck Institute for Biogeochemistry Germany	<b>SALZMANN, Ulrich</b> Northumbria University UK	<b>SCHULZ, Jörg</b> EUMETSAT Germany
<b>RODRIGUES, Luis R.L.</b> Institut Català de Ciències del Clima Spain	<b>SAMSET, Bjørn</b> Center for International Climate and Environmental Research Oslo Norway	<b>SCHULZ, Michael</b> MARUM Center for Marine Environmental Sciences Germany
<b>RODRÍGUEZ DE FONSECA, Belén</b> Universidad Complutense de Madrid Spain	<b>SANTER, Benjamin D.</b> Lawrence Livermore National Laboratory USA	<b>SCHULZ, Michael</b> Norwegian Meteorological Institute Norway
<b>RODWELL, Mark</b> European Centre for Medium-Range Weather Forecasts UK	<b>SARR, Abdoulaye</b> National Meteorological Agency of Senegal Senegal	<b>SCHULZWEIDA, Uwe</b> Max Planck Institute for Meteorology Germany
<b>ROEMMICH, Dean</b> Scripps Institution of Oceanography USA	<b>SATHEESH, S.K.</b> Indian Institute of Science India	<b>SCHURER, Andrew</b> University of Edinburgh UK
<b>ROGELJ, Joeri</b> ETH Zurich Switzerland	<b>SAUNOIS, Marielle</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France	<b>SCHUUR, Edward</b> University of Florida USA
<b>ROHLING, Eelco</b> Australian National University Australia	<b>SAVARINO, Joël</b> Laboratoire de Glaciologie et Géophysique de l'Environnement, Université Joseph Fourier France	<b>SCINOCCA, John</b> Environment Canada Canada
<b>ROJAS, Maisa</b> Universidad de Chile Chile	<b>SCAIFE, Adam A.</b> Met Office Hadley Centre UK	<b>SCREEN, James</b> University of Exeter UK
<b>ROMANOU, Anastasia</b> Columbia University USA	<b>SCHÄR, Christoph</b> ETH Zurich Switzerland	<b>SEAGER, Richard</b> Columbia University USA
<b>ROTH, Raphael</b> University of Bern Switzerland	<b>SCHMIDT, Hauke</b> Max Planck Institute for Meteorology Germany	<b>SEBBARI, Rachid</b> Direction de la Météorologie Nationale Morocco
<b>ROTSTAYN, Leon</b> CSIRO Marine and Atmospheric Research Australia		<b>SEDLÁČEK, Jan</b> ETH Zurich Switzerland
<b>RUMMUKAINEN, Markku</b> Swedish Meteorological and Hydrological Institute Sweden		<b>SEIDEL, Dian J.</b> National Oceanic and Atmospheric Administration, Air Resources Laboratory USA

**SEMENOV, Vladimir**  
Russian Academy of Sciences  
Russian Federation

**SEXTON, David**  
Met Office Hadley Centre  
UK

**SHAFFREY, Len C.**  
University of Reading  
UK

**SHAKUN, Jeremy**  
Boston College  
USA

**SHAO, XueMei**  
Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences  
China

**SHARP, Martin**  
University of Alberta  
Canada

**SHEPHERD, Theodore**  
University of Reading  
UK

**SHERWOOD, Steven**  
University of New South Wales  
Australia

**SHIKLOMANOV, Nikolay**  
George Washington University  
USA

**SHIMADA, Koji**  
Tokyo University of Marine Science and Technology  
Japan

**SHINDELL, Drew**  
National Aeronautics and Space Administration, Goddard Institute for Space Studies  
USA

**SHINE, Keith**  
University of Reading  
UK

**SHIOGAMA, Hideo**  
National Institute for Environmental Studies  
Japan

**SHONGWE, Mxolisi**  
South African Weather Service  
South Africa

**SILLMANN, Jana**  
Environment Canada  
Canada

**SIMMONS, Adrian**  
European Centre for Medium-Range Weather Forecasts  
UK

**SITCH, Stephen**  
University of Exeter  
UK

**SLANGEN, Aimée**  
CSIRO Marine and Atmospheric Research  
Australia

**SLATER, Andrew**  
National Snow and Ice Data Center  
USA

**SMERDON, Jason**  
Columbia University  
USA

**SMIRNOV, Dmitry**  
Russian Academy of Sciences  
Russian Federation

**SMITH, Doug**  
Met Office Hadley Centre  
UK

**SMITH, Sharon**  
Natural Resources Canada  
Canada

**SMITH, Steven J.**  
Pacific Northwest National Laboratory  
USA

**SMITH, Thomas M.**  
National Oceanic and Atmospheric Administration, Center for Satellite Applications and Research  
USA

**SODEN, Brian J.**  
University of Miami  
USA

**SOLMAN, Silvina**  
Universidad de Buenos Aires  
Argentina

**SOLOMINA, Olga**  
Russian Academy of Sciences  
Russian Federation

**SPAHN, Renato**  
University of Bern  
Switzerland

**SPERBER, Kenneth**  
Lawrence Livermore National Laboratory  
USA

**STAMMER, Detlef**  
University of Hamburg  
Germany

**STAMMERJOHN, Sharon**  
University of Colorado Boulder  
USA

**STEFFEN, Konrad**  
Swiss Federal Institute for Forest, Snow and Landscape Research WSL  
Switzerland

**STENDEL, Martin**  
Danish Meteorological Institute  
Denmark

**STEPHENS, Graeme**  
National Aeronautics and Space Administration, Jet Propulsion Laboratory  
USA

**STEPHENSON, David B.**  
University of Exeter  
UK

**STEVENS, Bjorn**  
Max Planck Institute for Meteorology  
Germany

**STEVENSON, David S.**  
University of Edinburgh  
UK

**STEVENSON, Samantha**  
University of Hawaii  
USA

**STIER, Philip**  
University of Oxford  
UK

**STÖBER, Uwe**  
University of Bremen  
Germany

**STOCKER, Benjamin D.**  
University of Bern  
Switzerland

**STOCKER, Thomas F.**  
Co-Chair IPCC WGI, University of Bern  
Switzerland

**STORELVMO, Trude**  
Yale University  
USA

**STOTT, Peter A.**  
Met Office Hadley Centre  
UK

<b>STRAMMA, Lothar</b> GEOMAR Helmholtz Centre for Ocean Research Germany	<b>TETT, Simon</b> University of Edinburgh UK	<b>VAN DEN HURK, Bart</b> Royal Netherlands Meteorological Institute Netherlands
<b>STUBENRAUCH, Claudia</b> Laboratoire de Météorologie Dynamique, Institut Pierre Simon Laplace France	<b>TEULING, Adriaan J. (Ryan)</b> Wageningen University Netherlands	<b>VAN DER WERF, Guido</b> VU University Amsterdam Netherlands
<b>SUGA, Toshio</b> Tohoku University Japan	<b>THOMPSON, Rona L.</b> Norwegian Institute for Air Research Norway	<b>VAN NOIJE, Twan</b> Royal Netherlands Meteorological Institute Netherlands
<b>SUTTON, Rowan</b> University of Reading UK	<b>THORNE, Peter W.</b> Nansen Environmental and Remote Sensing Center Norway	<b>VAN OLDENBORGH, Geert Jan</b> Royal Netherlands Meteorological Institute Netherlands
<b>SWART, Neil</b> University of Victoria Canada	<b>THORNTON, Peter</b> Oak Ridge National Laboratory USA	<b>VAN VUUREN, Detlef</b> PBL Netherlands Environmental Assessment Agency Netherlands
<b>TAKAHASHI, Taro</b> Columbia University USA	<b>TIMMERMANN, Axel</b> University of Hawaii USA	<b>VAUGHAN, David G.</b> British Antarctic Survey UK
<b>TAKAYABU, Izuru</b> Meteorological Research Institute Japan	<b>TJIPUTRA, Jerry</b> Uni Research Norway Norway	<b>VAUTARD, Robert</b> Laboratoire des Sciences du Climat et de l'Environnement, Institut Pierre Simon Laplace France
<b>TAKEMURA, Toshihiko</b> Kyushu University Japan	<b>TRENBERTH, Kevin</b> National Center for Atmospheric Research USA	<b>VAVRUS, Steve</b> University of Wisconsin USA
<b>TALLEY, Lynne D.</b> Scripps Institution of Oceanography USA	<b>TÜRKEŞ, Murat</b> Çanakkale Onsekiz Mart University Turkey	<b>VECCHI, Gabriel</b> National Oceanic and Atmospheric Administration, Geophysical Fluid Dynamics Laboratory USA
<b>TANGANG, Fredolin</b> National University of Malaysia Malaysia	<b>TURNER, John</b> British Antarctic Survey UK	<b>VELICOGNA, Isabella</b> University of California Irvine USA
<b>TANHUA, Toste</b> GEOMAR Helmholtz Centre for Ocean Research Germany	<b>UMMENHOFER, Caroline</b> Woods Hole Oceanographic Institution USA	<b>VERNIER, Jean-Paul</b> National Aeronautics and Space Administration, Langley Research Center USA
<b>TANS, Pieter</b> National Oceanic and Atmospheric Administration, Earth System Research Laboratory USA	<b>UNNIKRISHNAN, Alakkat S.</b> National Institute of Oceanography India	<b>VESALA, Timo</b> University of Helsinki Finland
<b>TARASOV, Pavel</b> Freie Universität Berlin Germany	<b>VAN ANGELEN, Jan H.</b> Utrecht University Netherlands	<b>VINTHER, Bo M.</b> University of Copenhagen Denmark
<b>TAYLOR, Karl</b> Lawrence Livermore National Laboratory USA	<b>VAN DE BERG, Willem Jan</b> Utrecht University Netherlands	<b>VITERBO, Pedro</b> Instituto de Meteorología Portugal
<b>TEBALDI, Claudia</b> Climate Central, Inc. USA	<b>VAN DE WAL, Roderik</b> Utrecht University Netherlands	<b>VIZCAÍNO, Miren</b> Delft University of Technology Netherlands
	<b>VAN DEN BROEKE, Michiel</b> Utrecht University Netherlands	

**VON SCHUCKMANN, Karina**

Institut Français de Recherche pour  
l'Exploitation de la Mer  
France

**VON STORCH, Hans**

University of Hamburg  
Germany

**VOULGARAKIS, Apostolos**

Imperial College London  
UK

**WADA, Yoshihide**

Utrecht University  
Netherlands

**WADHAMS, Peter**

University of Cambridge  
UK

**WAELBROECK, Claire**

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

**WALSH, Kevin**

University of Melbourne  
Australia

**WANG, Bin**

University of Hawaii  
USA

**WANG, Chunzai**

National Oceanic and Atmospheric  
Administration, Atlantic Oceanographic and  
Meteorological Laboratory  
USA

**WANG, Fan**

Institute of Oceanology, Chinese Academy of  
Sciences  
China

**WANG, Hui-Jun**

Institute of Atmospheric Physics, Chinese  
Academy of Sciences  
China

**WANG, Junhong**

National Center for Atmospheric Research  
USA

**WANG, Muyin**

National Oceanic and Atmospheric  
Administration, Joint Institute for the Study  
of the Atmosphere and Ocean  
USA

**WANG, Xiaolan L.**

Environment Canada  
Canada

**WANIA, Rita**

Austria

**WANNER, Heinz**

University of Bern  
Switzerland

**WANNINKHOF, Rik**

National Oceanic and Atmospheric  
Administration, Atlantic Oceanographic and  
Meteorological Laboratory  
USA

**WARD, Daniel S.**

Cornell University  
USA

**WATTERSON, Ian**

CSIRO Marine and Atmospheric Research  
Australia

**WEAVER, Andrew J.**

University of Victoria  
Canada

**WEBB, Mark**

Met Office Hadley Centre  
UK

**WEBB, Robert**

National Oceanic and Atmospheric  
Administration, Earth System Research  
Laboratory  
USA

**WEHNER, Michael**

Lawrence Berkeley National Laboratory  
USA

**WEISHEIMER, Antje**

University of Oxford  
UK

**WEISS, Ray F.**

Scripps Institution of Oceanography  
USA

**WHITE, Neil J.**

CSIRO Marine and Atmospheric Research  
Australia

**WIDLANSKY, Matthew**

University of Hawaii  
USA

**WIJFFELS, Susan**

CSIRO Marine and Atmospheric Research  
Australia

**WILD, Martin**

ETH Zurich  
Switzerland

**WILD, Oliver**

Lancaster University  
UK

**WILLETT, Kate M.**

Met Office Hadley Centre  
UK

**WILLIAMS, Keith**

Met Office Hadley Centre  
UK

**WINKELMANN, Ricarda**

Potsdam Institute for Climate Impact  
Research  
Germany

**WINKER, David**

National Aeronautics and Space  
Administration, Langley Research Center  
USA

**WINTHER, Jan-Gunnar**

Norwegian Polar Institute  
Norway

**WITTENBERG, Andrew**

National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**WOLF-GLADROW, Dieter**

Alfred Wegener Institute for Polar and Marine  
Research  
Germany

**WOOD, Simon N.**

University of Bath  
UK

**WOODWORTH, Philip L.**

National Oceanography Centre  
UK

**WOOLLINGS, Tim**

University of Reading  
UK

**WORBY, Anthony**

CSIRO Marine and Atmospheric Research  
Australia

**WRATT, David**

National Institute of Water and Atmospheric  
Research  
New Zealand

**WUEBBLES, Donald**

University of Illinois  
USA

**WYANT, Matthew**

University of Washington  
USA

**XIAO, Cunde**

Chinese Academy of Meteorological Sciences,  
China Meteorological Administration  
China

**XIE, Shang-Ping**

Scripps Institution of Oceanography  
USA

**YASHAYAEV, Igor**

Bedford Institute of Oceanography  
Canada

**YASUNARI, Tetsuzo**

Nagoya University  
Japan

**YEH, Sang-Wook**

Hanyang University  
Republic of Korea

**YIN, Jianjun**

University of Arizona  
USA

**YOKOYAMA, Yusuke**

University of Tokyo  
Japan

**YOSHIMORI, Masakazu**

University of Tokyo  
Japan

**YOUNG, Paul**

Lancaster University  
UK

**YU, Lisan**

Woods Hole Oceanographic Institution  
USA

**ZACHOS, James**

University of California Santa Cruz  
USA

**ZAEHLE, Sönke**

Max Planck Institute for Biogeochemistry  
Germany

**ZAPPA, Giuseppe**

University of Reading  
UK

**ZENG, Ning**

University of Maryland  
USA

**ZHAI, Panmao**

National Climate Center, China  
Meteorological Administration  
China

**ZHANG, Chidong**

University of Miami  
USA

**ZHANG, Hua**

National Climate Center, China  
Meteorological Administration  
China

**ZHANG, Jianglong**

University of North Dakota  
USA

**ZHANG, Lixia**

Institute of Atmospheric Physics, Chinese  
Academy of Sciences  
China

**ZHANG, Rong**

National Oceanic and Atmospheric  
Administration, Geophysical Fluid Dynamics  
Laboratory  
USA

**ZHANG, Tingjun**

Cooperative Institute for Research in  
Environmental Sciences  
USA

**ZHANG, Xiao-Ye**

Chinese Academy of Meteorological Sciences,  
China Meteorological Administration  
China

**ZHANG, Xuebin**

Environment Canada  
Canada

**ZHAO, Lin**

Cold and Arid Regions Environmental and  
Engineering Research Institute, Chinese  
Academy of Sciences  
China

**ZHAO, Zong-Ci**

National Climate Center, China  
Meteorological Administration  
China

**ZHENG, Xiaotong**

Ocean University of China  
China

**ZHOU, Tianjun**

Institute of Atmospheric Physics, Chinese  
Academy of Sciences  
China

**ZICKFELD, Kirsten**

Simon Fraser University  
Canada

**ZOU, Liwei**

Institute of Atmospheric Physics, Chinese  
Academy of Sciences  
China

