

## Siglas y abreviaturas

AA	Acuerdo sobre Agricultura	CFC	Clorofluorocarbono
ACNUR	Alto Comisionado de las Naciones Unidas para los Refugiados	CIAT	Centro Internacional de Agricultura Tropical
ACSAD	Centro Árabe para el Estudio de las Zonas Áridas y las Tierras de Secano	CITES	Convención sobre el comercio internacional de especies amenazadas de fauna y flora silvestres
ADPIC	Acuerdo sobre los Aspectos de los Derechos de Propiedad Intelectual Relacionados con el Comercio	CLRTAP	Convenio sobre la Contaminación Atmosférica Transfronteriza a Gran Distancia
AEMA	Agencia Europea del Medio Ambiente	CMC	Conferencia Mundial sobre el Clima
AEPC	Comisión Africana para la Protección del Medio Ambiente	CMS	Convención sobre la conservación de las especies migratorias de animales silvestres
AEWA	Acuerdo sobre la Conservación de las Aves Acuáticas Migratorias de África-Eurasia	CNUMAD	Conferencia de las Naciones Unidas sobre el Medio Ambiente y el Desarrollo
AIM	Año Internacional de las Montañas	CO	Monóxido de carbono
AIT	Instituto Asiático de Tecnología	CO <sub>2</sub>	Dióxido de carbono
ALCA	Área de Libre Comercio de las Américas	COD	Carbono orgánico disuelto
ALGAS	Proyecto para la reducción de los gases de efecto invernadero a menor costo en Asia	COP	Contaminantes orgánicos persistentes
AMCEM	Conferencia Ministerial Africana sobre el Medio Ambiente	COV	Compuestos orgánicos volátiles
AMMA	Acuerdo multilateral sobre el medio ambiente	CRP	Programa de Reservas de Conservación
ANWR	Reserva Ártica Nacional de Fauna Silvestre	CTBT	Tratado de Prohibición Completa de los Ensayos Nucleares
AOD	Asistencia Oficial para el Desarrollo	DALY	Año de Vida Adaptado a la Discapacidad
APELL	Concientización y Preparación para Emergencias a Nivel Local	DBO	Demanda biológica de oxígeno
AQIS	Servicio Australiano de Cuarentena e Inspección	DDT	Diclorodifeniltricloroetano
ASEAN	Asociación de Naciones del Asia Sudoriental	DEAT	División de Evaluación y Alerta Temprana
BASILEA	Convenio de Basilea sobre el control de los movimientos transfronterizos de los desechos peligrosos y su eliminación	DIRDN	Decenio Internacional para la Reducción de los Desastres Naturales
BERD	Banco Europeo para la Reconstrucción y el Desarrollo	EfE	Medio Ambiente para Europa
BPC	Bifenilos policlorados	EIA	Evaluación del impacto ambiental
CARICOM	Comunidad del Caribe	EIRD	Estrategia Internacional para la Reducción de Desastres
CC	Centros Colaboradores	EMA	Estado del medio ambiente
CCAB-AP	Consejo Centroamericano de Bosques y Áreas Protegidas	ENSO	Oscilación Meridional de El Niño
CCAMLR	Convención sobre la conservación de los recursos marinos vivos de la Antártida	EPMA	Estrategia de Protección del Medio Ambiente en el Ártico
CCI	Cámara de Comercio Internacional	ESA	Agencia Europea del Espacio
CDB	Convenio sobre la Diversidad Biológica	FAO	Organización de las Naciones Unidas para la Agricultura y la Alimentación
CD-ROM	Disco óptico compacto	FEWS	Sistema de Alerta Temprana de Hambruna
CDS	Comisión sobre el Desarrollo Sostenible	FEWS NET	Red de Sistemas de Alerta Temprana de Hambruna
CEDARE	Centro para el Medio Ambiente y el Desarrollo de la Región Árabe y Europa	FMAM	Fondo para el Medio Ambiente Mundial
CEI	Comunidad de Estados Independientes	FMCN	Fondo Mexicano para la Conservación de la Naturaleza
CEPAL	Comisión Económica para América Latina y el Caribe	FMI	Fondo Monetario Internacional
CEPE	Comisión Económica para Europa	FSC	Consejo de Administración Forestal
CEPREDENAC	Centro de Coordinación para la Prevención de los Desastres Naturales en América Central	GATT	Acuerdo General sobre Aranceles Aduaneros y Comercio
		GCC	Consejo de Cooperación del Golfo
		GCI	Gestión Costera Integrada
		GCRMN	Red de monitoreo mundial de los arrecifes de coral

## SIGLAS

GEO	Perspectivas del medio ambiente mundial	ONU	Organización de las Naciones Unidas
GHG	Gases de efecto invernadero	ONUDI	Organización de las Naciones Unidas para el Desarrollo Industrial
GISP	Programa Mundial de Especies Invasoras	OPS	Organización Panamericana de la Salud
GLASOD	Evaluación Mundial de Degradación de los Suelos	OSPAR	Convenio para la Protección del Medio Marino del Atlántico Nororiental
GRI	Global Reporting Initiative	OUA	Organización de la Unidad Africana
GRID	Base de Datos sobre Recursos Mundiales	OVM	Organismo vivo modificado
GWP	Asociación Mundial para el Agua	PAC	Política Agrícola Común
HABITAT	Centro de las Naciones Unidas para los Asentamientos Humanos	PCA	Programa de Contingencias Ambientales
HELCOM	Comisión de Helsinki	PEFC	Certificación Forestal Paneuropea
Heritage	Convención para la protección del patrimonio mundial cultural y natural	PERSGA	Organización regional para la protección del medio ambiente del Mar Rojo y del Golfo de Aden
IASC	Comité Científico Internacional del Ártico	PIB	Producto interno bruto
IAT	Índice de Adelanto Tecnológico	PIC	Estados Insulares del Pacífico
IBAMA	Instituto Brasileño del Medio Ambiente y de los Recursos Naturales Renovables	PM	Materia particulada
ICRAN	Red de acción internacional sobre arrecifes de coral	PMAAN	Plan de Manejo de Aves Acuáticas de América del Norte
IDH	Índice de Desarrollo Humano	PMC	Programa Mundial sobre el Clima
IED	Inversión extranjera directa	PNB	Producto nacional bruto
INBO	Red Internacional de Organizaciones de Cuencas	PNUD	Programa de las Naciones Unidas para el Desarrollo
INDOEX	Experimento del Océano Índico	PNUMA	Programa de las Naciones Unidas para el Medio Ambiente
IOC	Comisión del Océano Índico	PPA	Paridad poder adquisitivo
IPCC	Grupo Intergubernamental de Expertos sobre Cambios Climáticos	PPME	Países pobres muy endeudados
ISO	Organización Internacional de Normalización	PROBIO	Proyecto para la Conservación y Utilización Sostenible de la Biodiversidad - Brasil
ITTO	Organización Internacional de Maderas Tropicales	RAMA	Red Automática de Monitoreo Atmosférico
IWC	Comisión Ballenera Internacional	RAMSAR	Convención sobre los humedales de importancia internacional especialmente como hábitat de aves acuáticas
MARPOL	Convenio internacional para prevenir la contaminación por los buques	ROPME	Organización Regional para la Protección del Medio Marino
MCPFE	Conferencia Ministerial sobre la Protección de los Bosques en Europa	SADC	Comunidad de Desarrollo del África Meridional
MERCOSUR	Mercado Común del Sur	SAO	Sustancia agotadora del ozono
NCAR	Centro Nacional de Investigación Atmosférica de Estados Unidos	SAP	Programas de ajuste estructural
NESDA	Red para el Medio Ambiente y el Desarrollo Sostenible en África	SCOPE	Comité Científico sobre Problemas del Medio Ambiente
NO	Óxido de nitrógeno	SEI	Instituto de Estocolmo para el Medio Ambiente
NO <sub>2</sub>	Dióxido de nitrógeno	SGA	Sistema de Gestión Ambiental
NO <sub>x</sub>	Óxidos nitrosos	SIDA	Síndrome de inmunodeficiencia adquirida
O <sub>3</sub>	Ozono	SIDS	Pequeños estados insulares en desarrollo
OCDE	Organización de Cooperación y Desarrollo Económicos	SMOC	Sistema Mundial de Observación del Clima
OEA	Organización de los Estados Americanos	SO <sub>2</sub>	Dióxido de azufre
OGM	Organismo genéticamente modificado	SPM	Partículas en suspensión
OIEA	Organismo Internacional de Energía Atómica	SPRED	Programa Regional del Medio Ambiente para el Pacífico Sur
OIT	Organización Internacional del Trabajo	TFAP	Plan de Acción Forestal en los Trópicos
OMC	Organización Mundial del Comercio	TLCAN	Tratado de Libre Comercio de América del Norte
OMI	Organización Marítima Internacional	TRI	Inventario de Liberación de Tóxicos
OMM	Organización Meteorológica Mundial	UA	Unión Africana
OMPI	Organización Mundial de la Propiedad Intelectual	UE	Unión Europea
OMS	Organización Mundial de la Salud	UICN	Unión Mundial para la Naturaleza
ONG	Organización no gubernamental		

UMA	Unión del Magreb Árabe	USAID	Organismo de los Estados Unidos para el Desarrollo Internacional
UNCCD	Convención de las Naciones Unidas para la Lucha contra la Desertificación	USFWS	Servicio de Pesca y Vida Silvestre de Estados Unidos
UNCLOS	Convención de las Naciones Unidas sobre el Derecho del Mar	UV	Radiación ultravioleta
UNCTAD	Conferencia de las Naciones Unidas sobre Comercio y Desarrollo	UVB	Radiación ultravioleta B
UNESCAP	Comisión Económica de las Naciones Unidas para Asia y el Pacífico	VIH	Virus de inmunodeficiencia humana
UNESCO	Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura	WBCSD	Consejo Empresarial Mundial para el Desarrollo Sostenible
UNF	Fundación de las Naciones Unidas	WCED	Comisión Mundial sobre el Medio Ambiente y el Desarrollo
UNFCCC	Convenio marco de las Naciones Unidas sobre los cambios climáticos	WCMC	Centro Mundial de Vigilancia de la Conservación
UNFF	Foro de las Naciones Unidas sobre los Bosques	WCS	Estrategia Mundial para la Conservación
UNICEF	Fondo de las Naciones Unidas para la Infancia	WHYCOS	Sistema Mundial de Observación del Ciclo Hidrológico
UNOCHA	Oficina de las Naciones Unidas para la Coordinación de Asuntos Humanitarios	WRI	Instituto de los Recursos Mundiales
UNU	Universidad de las Naciones Unidas	WSSD	Cumbre Mundial de Desarrollo Sostenible
		WWF	Fondo Mundial para la Naturaleza
		ZEE	Zonas económicas exclusivas

# Centros Colaboradores



Arab Centre for the Studies of Arid Zones & Drylands (ACSAD)  
P.O. Box 2440, Damasco, Siria  
Tel: +963 11 574 3039/3087  
Fax: +963 11 574 3063  
E-mail: acsad@net.sy and majdjama@scs-net.org  
<http://www.acsad.org>



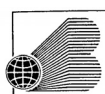
Arabian Gulf University (AGU)  
P.O. Box 26671, Manama, Bahrein  
Tel: +973 239 602 or +973 965 3553  
Fax: +973 272 555/274 028  
E-mail: nabeel@mail.agu.edu.bh  
<http://www.agu.edu.bh>



Asian Institute of Technology (AIT)  
P.O. Box 4, Klong Luang, Pathumthani 12120, Tailandia  
Tel: +662 524 5406  
Fax: +662 524 5439 or 516 2126  
E-mail: ram@ait.ac.th  
<http://www.ait.ac.th>



Association pour le Développement de l'Information Environnementale (ADIE)  
B.P. 4080 Libreville, Gabón  
Tel: +241 763040, 763019, 763032  
Fax: +241 774261  
E-mail: jpvandeweghe@internetgabon.com



Bangladesh Centre for Advanced Studies (BCAS)  
House 23, Road 10A Dhammondi R/A  
Dhaka 1209, Bangladesh  
Tel: +880-2 8113977  
Fax: +880-2-8111-344  
E-mail: bcas@bdonline.com  
<http://www.bcas.net>



Brazilian Institute of the Environment and Natural Renewable Resources (IBAMA)  
SAIN Av. L4 Norte  
Ed. Sede do IBAMA, Bloco C, 1º andar  
CEP: 70 800 200, Brasilia DF, Brasil  
Tel: +55 61 316 1284/316 1282  
Fax: +55 61 225 0564  
E-mail: jcamara@sede.ibama.gov.br  
<http://www.ibama.gov.br>



Central European University (CEU)  
Nador u.9, Budapest H-1051, Hungría  
Tel: +36 1 327 3021  
Fax: +36 1 327 3031  
E-mail: envsci@ceu.hu  
<http://www.ceu.hu/departs/envsci>



Centre for Environment and Development for the Arab Region & Europe (CEDARE)  
2 El Hegaz St., Heliopolis  
P.O. Box 1057 Heliopolis Bahary, El Cairo, Egipto  
Tel: +202 451 3921/2/3/4  
Fax: +202 451 3918  
E-mail: ahrehim@cedare.org.eg  
<http://www.cedare.org.eg>



Commission for Environmental Cooperation of the North American Agreement on Environmental Cooperation (CEC of NAAEC)  
393, rue St-Jacques Quest, Suite 200  
Montreal, Quebec, Canadá, H2Y 1N9  
Tel: +1 514 350 4330  
Fax: +1 514 350 4314  
E-mail: gblock@ccemtl.org



Earth Council  
Apartado 2323-1002, San José, Costa Rica  
Tel: +506 256 1611  
Fax: +506 255 2197  
E-mail: rleger@ecouncil.ac.cr



European Environment Agency (EEA)  
Kongens Nytorv 6, DK-1050 Copenhagen, Dinamarca  
Tel: +45 3336 7101  
Fax: +45 3336 7128  
E-mail: david.stanners@eea.eu.int  
<http://www.eea.eu.int>  
GRID Christchurch



Centre for Antarctic Studies and Research  
University of Canterbury  
Private Bag 4800  
Christchurch, Nueva Zelandia  
Tel: +643 364 2136  
Fax: +643 364 2197  
E-mail: m.finnemore@anta.canterbury.ac.nz



Indian Ocean Commission (IOC)  
Q4 Avenue Sir Guy Forget  
P.O. Box 7 Quatre Bornes, Mauricio  
Tel: +230 425 9564/1652  
Fax: +230 425 2709  
E-mail: Rajmohabeer@coi.intnet.mu  
<http://www.coi-info.org>



International Centre for Integrative Studies (ICIS)  
PO Box 616, 6200 MD Maastricht, Países Bajos  
Tel: +31 43 3882662  
Fax: +31 43 3884916  
E-mail: icis@icis.unimaas.nl  
<http://www.icis.unimaas.nl>



International Global Change Institute (IGCI)  
University of Waikato  
Private Bag 3105, Nueva Zelandia  
Tel: +64 7 858 5647  
Fax: +64 7 858 5689  
E-mail: n.ericksen@waikato.ac.nz  
<http://www.waikato.ac.nz/igci/>



International Institute for Sustainable Development (IISD)  
161 Portage Avenue East, 6th Floor  
Winnipeg, Manitoba, Canadá R3B 0Y4  
Tel: +1 204 958 7715  
Fax: +1 204 958 7710  
E-mail: lpinter@iisd.ca  
<http://www.iisd.ca>



Island Resources Foundation  
123 Main Street, Box 3097  
Road Town, Tortola, Islas Vírgenes Británicas  
Tel: +1 340 775-6225  
Fax: +1 340 779-2022  
E-mail: bpotter@irf.org  
<http://www.irf.org>



Moscow State University (MSU)  
119899 Moscú, Federación de Rusia  
Tel: +7 095 939 3962  
Fax: +7 095 932 8836  
E-mail: nick@dronin.geogr.msu.ru



Musokotwane Environment Resource Centre for Southern Africa (IMERCSA), Southern African Research and Documentation Centre (SARDC)  
15 Downie Ave, Belgravia  
P.O. Box 5690, Harare, Zimbabwe  
Tel: +263-4-791141  
Fax: +263-4-791271  
E-mail: cmafuta@sardc.net



National Environmental Management Authority (NEMA)  
P.O. Box 22255, Kampala, Uganda  
Tel: +256 41 251064/5/8  
Fax: +256 41 232680/257521  
E-mail: csebukera@nemaug.org



National Institute for Environmental Studies (NIES)  
16-2 Onogawa, Tsukuba, 305-0053, Japón  
Tel: +81-298-50-2598  
Fax: +81-298-58-2645  
E-mail: toshiaki@nies.go.jp  
<http://www.nies.go.jp>



National Institute for Public Health and the Environment (RIVM)  
P.O. Box 1, 3720 BA Bilthoven, Países Bajos  
Tel: +31 30 274 3112  
Fax: +31 30 274 4435  
E-mail: jan.bakkes@rivm.nl



Network for Environment and Sustainable Development in Africa (NESDA)  
24 BP 95 Guichet Annexe BAD  
Abidjan, Côte d'Ivoire  
Tel: +225 20 20 54 19/18  
Fax: +225 20 20 59 22  
E-mail: abamba@nesda.org  
<http://www.nesda.org>



Regional Environmental Center for Central and Eastern Europe (REC)  
Ady Endre ut 9 11, 2000 Szentendre, Hungría  
Tel: +36 26 504 040  
Fax: +36 26 311 294  
E-mail: mmckinley@rec.org  
<http://www.rec.org>



RING Alliance of Policy Research Organizations c/o International Institute for Environment and Development (IIED)  
3 Endsleigh Street  
London WC1H 0DD, Reino Unido  
Tel: +44 20 7388 2117  
Fax: +44 20 7388 2826  
<http://www.iied.org/index.html>



Scientific Committee on Problems of the Environment (SCOPE)  
51 Boulevard de Montmorency  
75016 Paris, Francia  
Tel: +33 1 45 25 04 98  
Fax: +33 1 42 88 14 66  
E-mail: secretariat@icsu-scope.org  
<http://www.icsu-scope.org>



Scientific Information Centre (SIC)  
15 Bitarap Turkmenistan Str.,  
744000 Ashkhabad, Turkmenistán  
Tel: +99312 390586  
Fax: +99312 353716  
E-mail: nfp-tm@online.tm



South Pacific Regional Environmental Programme (SPREP)  
P.O. Box 240, Apia, Western Samoa  
Tel: +685 21 929  
Fax: +685 20 231  
E-mail: MattM@sprep.org.ws



State Environmental Protection Administration (SEPA)  
No. 115 Xizhimen Nei Nanxiaojie  
Beijing 100035, R. P. China  
Tel: +86 10 6615 1933  
Fax: +86 10 6615 1762  
E-mail: yuers@svr1-pek.unep.net



Stockholm Environment Institute (SEI)  
11 Arlington Street  
Boston, MA 02116-3411, Estados Unidos  
Tel: +1 617 266 8090  
Fax: +1 617 266 8303  
E-mail: praskin@tellus.org



Tata Energy Research Institute (TERI)  
Darbari Seth Block, Habitat Place, Lodhi Road  
New Delhi 110 003, India  
Tel: +91 11 468 2100 and 468 2111  
Fax: +91 11 468 2144 and 468 2145  
E-mail: meetam@teri.res.in



Thailand Environment Institute (TEI)  
210 Sukhumvit 64  
Bangchak Refinery Building 4, 2nd floor  
Prakhanong, Bangkok 10260, Tailandia  
Tel: +66 2 331 0047/331 0060  
Fax: +66 2 332 4873  
E-mail: somrudee@tei.or.th  
<http://www.tei.th>



University of Chile  
Diagonal Paraguay 265, Torre 15, Floor 13  
Santiago, Chile  
Tel: +562 678 2272/2308  
Fax: +562 678 2581  
E-mail: osunkel@uchile.cl  
<http://www.capp.uchile.cl>



University of Costa Rica  
San José, Costa Rica  
Tel: +506 207 4854/4855  
Fax: +506 207 3329  
E-mail: egutierr@cariari.ucr.ac.cr  
<http://www.odd.ucr.ac.cr>



University of West Indies, Centre for Environment and Development (UWICED)  
3 Gibraltar Camp Road  
Mona, Kingston 7, Jamaica  
Tel: +1 876 977 1659/5530/5545  
Fax: +1 876 977 1658  
E-mail: abinger@uwimona.edu.jm  
<http://www.isis.uwimona.edu.jm>



World Conservation Union (IUCN)  
Rue Mauverney 28, CH-1196 Gland, Suiza  
Tel: +41 22 999 02 71  
Fax: +41 22 999 00 25  
E-mail: nmm@hq.iucn.org



World Resources Institute (WRI)  
10 G Street, NE  
Washington, DC 20002, Estados Unidos  
Tel: +1 202 729 7771  
Fax: +1 202 729 7775  
E-mail: robinw@wri.org

## Contribuyentes

La lista siguiente contiene los nombres de quienes han contribuido a GEO-3 de formas diversas, como autores, revisores, participantes en consultas GEO y respondiendo a encuestas.

### África

Ahmed Mohamed Ali Abdelrehim, Centre for Environment and Development for the Arab Region and Europe, Egypt; Hamidkhan Abdullakhan, Indian Ocean Commission, Mauritius; Sherif Abdou, Centre for Environment and Development for the Arab Region and Europe, Egypt; Mohamed A. Abdrabo, Institute of Graduate Studies and Research, Alexandria University, Egypt; Emad Adly, Arab Network for Environment and Development, Egypt; Sam Aboah, Samsu Company Limited, Ghana; Wilna Accouche, Division de l'Environnement, Ministère de l'Environnement et du Transport, Seychelles; Nimbe O. Adedipe, Department of Crop Protection and Environmental Biology, University of Ibadan, Nigeria; P.B.K.L. Agyirey-Kwakye, Youth Club for Nature Conservation, Ghana; Maha Akrouk, Centre for Environment and Development for the Arab Region and Europe, Egypt; Fatma Al-Mallah, Technical Secretariat, Council of Arab Ministers Responsible for the Environment, League of Arab States, Egypt; Emile Amougou, Ministère de l'Environnement et des Forêts, Cameroon; Mike Anane, Ghana; Willy Andre, Division de l'Environnement, Ministère de l'Environnement et du Transport, Seychelles; Linda Arendse, Council for Scientific and Industrial Research-Environmentek, South Africa; Kader Asmal, Ministry of Education, South Africa; Franck Attere, World Wide Fund for Nature, Gabon; Rajen Awotar, Council for Development, Environmental Studies and Conservation, Mauritius; Bola Ayeni, Department of Geography, University of Ibadan, Nigeria; Abou Bamba, Network for Environment and Sustainable Development in Africa, Côte d'Ivoire; Patricia Baquero, Ministère de l'Aménagement du Territoire et de l'Habitat, Seychelles; Louis Guyto Barbe, Division de l'Environnement, Seychelles; André Bassolé, Environment Information Systems in Sub-Saharan Africa, Burkina Faso; H. Beekhee, c/o Indian Ocean Commission, Mauritius; Sitotaw Berhanu, Environment Protection Authority, Ethiopia; Wilfrid Bertile, Indian Ocean Commission, Mauritius; Foday Bojang, Organization of African Unity, Ethiopia; Thomas Chiramba, Southern African Development Community Water Sector Coordinating Unit, Lesotho; Francis Coeur de Lion, Geographical Information System Centre, c/o Indian Ocean Commission, Mauritius; Harvey Croze, Kenya; Berhe Debalke, Inter-Governmental Authority on Development, Djibouti; Koulthoum Djamar, Programme Investissement Public, Comoros; G. Domingue, Seychelles Fisheries Authority, Seychelles; Clement Dorm-Adzobu, Water Resources Commission, Ghana; Mohamed El-Anbaawy, Faculty of Science, Cairo University, Egypt; Ismail El-Bagouri, Centre for Environment and Development for the Arab Region and Europe, Egypt; Aly El-Beltagy, Shore Process Laboratory, National Institute of Oceanography and Fisheries, Egypt; Dina El-Naggar, Egyptian Environmental Affairs Agency, Ministry of Environment, Egypt; Mahmoud Khamis El-Sayed, University of Alexandria, Egypt; RoseEmma Mamaa Entsua-Mensah, Water Research Institute, Council for Scientific and Industrial Research, Ghana; Rachid Firadi, Departement de l'Environnement, L'Observatoire National de l'Environnement, Ministère de l'Aménagement du Territoire, de l'Urbanisme, de l'Habitat et de l'Environnement, Morocco; Peter G.H. Frost, Institute of Environmental Studies, University of Zimbabwe, Zimbabwe; Richard F. Fuggle, Environmental Evaluation Unit, University of Cape Town, South Africa; Frederick Gikandi, Ngomongo Environmental and Poverty Alleviation Initiative, Kenya; Chris Gordon, Centre for African Wetlands, University of Ghana, Ghana; Troy Govender, Eskom, South Africa; Betty Gowa, National Environment Management Authority, Uganda; Jacob Gyamfi-Aidoo, Environmental Information Systems-Africa, c/o Council for Scientific and Industrial Research-Environmentek, South Africa; Craig I. Haskins, Environmental Management Department, Cape Metropolitan Council Administration, South Africa; Ahmed Hegazy, Faculty of Science, Cairo University, Egypt; Mahmoud Hewehy, Ain Shams

University, Egypt; Paddington Hodza, Remote Sensing Division, Environment and Remote Sensing Institute, Zimbabwe; M. Timm Hoffman, Botany Department, Institute for Plant Conservation, University of Cape Town, South Africa; Hamadi Idaroussi, Ministère de la Production et de l'Environnement, Comoros; Joseph Ipalaka Yobwa, Programme Régional de Gestion de l'Information Environnementale, Democratic Republic of Congo; Danae Issaia, Kenya; Prem C. Jain, Physics Department, The University of Zambia, Zambia; Godfrey Kamukala, Health and Environment Concerns, Tanzania; Etienne Kayengeyenge, Ministère de l'Aménagement du Territoire et de l'Environnement, Burundi; Yemi Katerere, IUCN - The World Conservation Union, Zimbabwe; Consolata W. Kiragu, National Environment Secretariat, Kenya; Evans Kituyi, African Centre for Technology Studies, Kenya; Ebenezer Laing, Department of Botany, University of Ghana, Ghana; Elton Laisi, Centre for Development Research and Information in Southern Africa, Malawi; Tamuka Magadzire, Southern African Development Community Regional Remote Sensing Unit, Zimbabwe; Clever Mafuta, Southern African Research and Documentation Centre, Musokotwane Environment Resource Centre for Southern Africa, Zimbabwe; Betty C. Maina, Institute of Economic Affairs, Kenya; Denis Eddy Matatiken, Division de l'Environnement, Seychelles; Khohlooa, Likobo and Matholoana Herdsboys, Lesotho; Mantsu Matsoso, Herdsboys Organization, Lesotho; Simon K. Mbarire, National Environment Secretariat, Kenya; Denzil Miller, Antarctic Resources, South Africa; Mildred Mkanla, EarthCare Africa Monitoring Institute, Kenya; Rajendranath Mohabeer, Indian Ocean Commission, Mauritius; Yagoub Abdalla Mohamed, Higher Council for Environment and Natural Resources, Ministry of Environment and Physical Development, Sudan; Santaram Mooloo, Department of Environment, Ministry of Local Government and Environment, Mauritius; John Mugabe\*, African Centre for Technology Studies, Kenya; Lucy Mulenkei, Indigenous Information Network, Kenya; Joselyne Mutegeki, Environmental Management Associate, Uganda; Fannie Mutepefa, ZERO-A Regional Environment Organization, Zimbabwe; Leonard Ntonga Mvondo, Ecosystèmes Forestiers d'Afrique Centrale, Cameroon; John Nevill, Division de l'Environnement, Ministère de l'environnement et du Transport, Seychelles; Protasius Nghileende, Directorate of Environmental Affairs, Ministry of Environment and Tourism, Namibia; Deborah Manzolillo Nightingale, Environmental Management Advisors, Kenya; Petros Nyathi, Department of Research and Specialist Services, Zimbabwe; Charles Obol, Southern African Development Community-Environment and Land Management Sector Coordination Unit, Lesotho; Benson Owuor Ochieng, African Centre for Technology Studies, Kenya; Eric Odada, Pan-African Start Secretariat, Kenya National Academy of Sciences, University of Nairobi, Kenya; Ojjo Odhiambo, Resource Management and Policy Analysis Insitute, Kenya; David Okali, Nigeria Environmental Study Action Team, Nigeria; Mary Omosa, Institute for Development Studies, University of Nairobi, Kenya; Peter O. Ondiege, Keipet Consultants Ltd, Kenya; A. A. Oteng-Yeboah, Department of Botany, University of Ghana, Ghana; John O. Ouchou, International Training Programme in Population and Sustainable Development, University of Botswana, Botswana; Mohamed Youssouf Oumouri, Directeur Général de l'Environnement Conseiller Technique, Ministère de l'Environnement, Comores; Rajesh Parboteeah, De Chazal du Mée, Mauritius; Rolph Payet, Ministère de l'Environnement et du Transport, Seychelles; Fatou Planchon, Centre de Suivi Ecologique, Sénégal; Danny Poiret, Division de l'Environnement, Ministère de la Santé, Seychelles; Deepnarain Prithipaul, Ministère de l'Environnement et du Développement Rural et Urbain, Mauritius; Faoud Abdou Rabi, Association pour le Développement de l'Information Environnementale, Comoros; Georges Rafomanana, Ministère de l'Environnement, Madagascar; Côme Ramakararo, Division de la Promotion Environnementale, Ministère de l'Environnement, Madagascar; A. Ramsewak, Ministère des Affaires Étrangères et de la Coopération Regionale, Mauritius; Pierre Randah, Communauté Économique et Monétaire de l'Afrique Centrale, Central African Republic; Jean de Dieu Ratefinanahary, Division des Problèmes Environnementaux et des Affaires Culturelles - Service des Nations Unies et Institutions Spécialisées, Direction de la Coopération Multilatérale, Ministère des Affaires Étrangères, Madagascar; Herisoa Razafinjato, Système d'Information Environnemental, Office National pour l'Environnement, Madagascar; Dave Richardson,

Institute for Plant Conservation, Botany Department, University of Cape Town, South Africa; John Laing Roberts, Ministry of Health, Mauritius; Soonil Dutt Rughooopath, Faculté des Sciences, Université de Maurice, aurtius; Osama Salem, Centre for Environment and Development for the Arab Region and Europe, Egypt; Pedro A. Sanchez, International Centre for Research on Agroforestry, Kenya; Robert J. Scholes, Council for Scientific and Industrial Research-Environmentek, South Africa; Craig Schwabe, Geographic Information System Centre, Human Sciences Research Council, South Africa; Charles Sebukeera, National Environment Management Authority, Uganda; Staff of Shoals of Capricorn, Seychelles; Didier Slachmuylder, Indian Ocean Commission, Mauritius; Soondaree Devi Soborun, Ministère des Infrastructures Publiques, du Transport Intérieur et de la Marine, Mauritius; Youba Sokona, Programme Energie, Environnement et Développement du Tiers-Monde, Sénégal; Nouri Soussi, Ministry for Environment and Land Management, Centre Urbain Nord, Tunisia; Thomas Fofung Tata, Cameroon; Marie Nkom Tamoifo, Association Jeunesse Verte du Cameroun, UNEP Youth Advisory Council, Cameroon; Jonathan Timberlake, Biodiversity Foundation for Africa, Zimbabwe; Mostafa Kamal Tolba, International Center for Environment and Development, Egypt; Frank Turyatunga, Environment Protection and Economic Development Project, Uganda; Michel Vieille, Division de l'Environnement, Ministère de l'Environnement et du Transport, Seychelles; Ahmed Wagdy, Centre for Environment and Development for the Arab Region and Europe, Egypt; David M. Walker, Space Physics Research Institute, South Africa; Dominic Walubengo, Forest Action Network, Kenya; Conmary Wesseh, Center for Democratic Empowerment, Cote d'Ivoire; Keith Wiseman, Environmental Management Department, Cape Metropolitan Council Administration, South Africa; E. Alaphia Wright, Faculty of Engineering, University of Zimbabwe, Zimbabwe; Hassan Musa Yousif, African Futures, Côte d'Ivoire.

## Asia y el Pacífico

Evelyn Adolph, Department of Economic Affairs, National Government, Federated States of Micronesia; Anil Kumar Agarwal, Centre for Science and Environment, India; Makhtumkuli Akmuradov, Ministry of Nature Protection, Turkmenistan; Mozaharul Alam, Bangladesh Centre for Advanced Studies, Bangladesh; Mau Alipate, Department of Commerce, American Samoa; Beki Annaev, International Fund for Aral Sea, Turkmenistan; Iswandi Anas, Department of Soil Sciences, Faculty of Agriculture, Bogor Agricultural University, Indonesia; Samuel Antiko, Strategic Coordination, Department of Environment and Conservation, Papua New Guinea; Saparmamet Ashirov, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Lydia Astanina, Ecological News Agency "Greenwomen", Kazakhstan; Irina Atamuradova, Focal Point for Global Resource Information Database Arendal, Turkmenistan; Saeed Ather, Ministry of Environment, Local Government and Rural Development, Pakistan; Ellie Austin, Environment Assessment and Reporting, South Pacific Regional Environment Programme, Samoa; Agadzhan G. Babaev, Regional Research and Education Center to Combat Desertification, Turkmenistan; Dzuma B. Bairamov, National Institute of Statistics and Information under the Council of Ministers, Turkmenistan; Joe Baker, Commissioner for the Environment A.C.T., Australia; Shilpi Banerjee, Tata Energy Research Institute, India; Ernest Bani, Environment Unit, Department of Foreign Affairs, Government of Republic of Vanuatu, Vanuatu; Adletbek Bekeyev, Ministry of Natural Resources and Environment Protection, Kazakhstan; Tao Bie, State Environmental Protection Administration, China; Moses Biliki, Department of Forest, Environment and Conservation, Ministry of Forests, Environment and Conservation, Solomon Islands; Con Boekel, Environmental Information and Technology Strategies Branch, Department of Environment and Heritage, Australia; S. Boldbaatar, Ministry of Nature and Environment, Mongolia; Kodyr Boturov, Ministry of Nature Protection, Tajikistan; Djalil Buzurkov, Ministry of Nature Protection, Tajikistan; Genevieve Brighthouse, American Samoa Coastal Management Program, Department of Commerce, American Samoa; Paul Broady, Department of Plant and Microbial Sciences, University of Canterbury, New Zealand; Budag A. Budagov, Institute of Geography, Azerbaijan Academy of Sciences, Azerbaijan; Anvar D. Buzurkov, Tajik Social and Ecological Union, Tajikistan; Xin Cao, Center for Environmental Science, Peking University, China; Ian Carruthers, Greenhouse Policy Group, Australian Greenhouse Office, Australia; Weerawat Chanthanakome, The Federation of Thai Industries, Thailand; Ralph Chapman, Strategy and Policy Group, New Zealand Ministry for the Environment, New Zealand; Ying Chen,

Institute of World Economics and Politics, Chinese Academy of Social Sciences, China; Joanne Chew, International Relations Department, Ministry of the Environment, Republic of Singapore; Twinkle Chopra, Centre for Environment Education, India; Atiqul Islam Chowdhury, Ministry of Environment and Forest, Bangladesh; Tagaloo Cooper, Department of Community Affairs, Niue; Pham Ngoc Dang, Center for Environmental Engineering of Towns and Industrial Areas, Hanoi University of Civil Engineering, Vietnam; Aditi Dass, Energy Program, Asian Institute of Technology, Thailand; Surojit Dass\*, Urbanization and Environment Programme, Thailand Environment Institute, Thailand; Neil de Wet, International Global Change Institute, University of Waikato, New Zealand; Kiran Desai, Center for Environment Education, Nehru Foundation for Development, India; Yujie Ding, State Environmental Protection Administration, China; Viengsavanh Douangsavanh, Department of Environment, Science, Technology and Environment Agency, Lao People's Democratic Republic; Amanmurad Durdyev, Center of Ecological Monitoring, Turkmenistan; Elrid Egorov, National Institute of Desert, Flora and Fauna of Ministry of Nature Protection, Turkmenistan; Mehboob Elahi, South Asia Cooperative Environment Programme, Sri Lanka; Neil Ericksen, International Global Change Institute, University of Waikato, New Zealand; Paltnat Esenov, National Institute of Desert, Flora and Fauna of Ministry of Nature Protection, Turkmenistan; Muhammad Eusuf, Bangladesh Centre for Advanced Studies, Bangladesh; S. Faizi, India; Grahame Fraser, Department of Physics and Astronomy, University of Canterbury, New Zealand; Mitsuo Fukuchi, Antarctic Biology and Conservation Group, Scientific Committee on Antarctic Research, National Institute of Polar Research, Japan; Vladimir Glazovskiy, Ministry of Nature Protection, Turkmenistan; Harsh K. Gupta, Department of Ocean Development, Government of India, India; Sujata Gupta\*, Tata Energy Research Institute, India; A. Sh. Habibullaev, State Committee for Nature Protection, Uzbekistan; Jacquelyn Harman, International Global Change Institute, University of Waikato, New Zealand; Barry T. Hart, Water Studies Centre, Monash University, Australia; John Hay, International Global Change Institute, University of Waikato, New Zealand; Xiaoxia He, Center for Environmental Science, Peking University, China; Alan D. Hemmings, Environmental Consultant, Polar Regions, New Zealand; Barry L. Henricksen, Australia; Srikantha Herath, Water Resources Engineering, International Center for Disaster-Mitigation Engineering, Japan; Thosapala Hewage, Ministry of Forestry and Environment, Sri Lanka; Katsunori Hirokane, National Institute for Environmental Studies, Environment Agency of Japan, Japan; Wakako Hironaka, House of Councillors, The National Diet of Japan, Japan; Kasemsri Homchean, Mabtaput Industrial Estate, Industrial Estate Authority of Thailand, Thailand; Naw Wah Wah Htoo, United Nations Environment Programme Regional Resource Centre for Asia and the Pacific, Thailand; Than Htoo, National Commission for Environmental Affairs, Ministry of Foreign Affairs, Myanmar; Xiulian Hu, Center for Energy, Environment and Climate Change Research, Energy Research Institute, State Development Planning Commission of China, China; Xuan Hu, Center for Environmental Science, Peking University, China; Michael Huber, Global Coastal Strategies, Australia; Akmukhamet Ibragimov, Ecological Fund, Turkmenistan; Toshiaki Ichinose, Center for Global Environmental Research, National Institute for Environmental Studies, Environment Agency of Japan, Japan; Sovannora Ieng, Ministry of Environment, Cambodia; Bogdan Ivakhov, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Mylvakanam Iyngararasan, United Nations Environment Programme Regional Resource Centre for Asia and the Pacific, Thailand; Porntip Jaisin, Office of Environmental Policy and Planning, Ministry of Science, Technology and Environment, Thailand; Kejun Jiang, Center for Energy, Environment and Climate Change, Energy Research Institute, State Development Planning Commission of China, China; Ananda Raj Joshi, South Asia Cooperative Environment Programme, Sri Lanka; Shailendra K. Joshi, International Cooperation, Ministry of Environment and Forests, India; Inkar Kadyrzhanova, United Nations Environment Programme Regional Resource Centre for Asia and the Pacific, Thailand; David Kaimowitz, Center for International Forestry Research, Indonesia; Mikiko Kainuma, National Institute for Environmental Studies, Environment Agency of Japan, Japan; Aditi Kapoor, Alternative Futures, India; Yasuko Kameyama, National Institute for Environmental Studies, Environment Agency of Japan, Japan; Dana A. Kartakusuma, State Ministry for Environment, Indonesia; Paul Kench, International Global Change Institute, University of Waikato, New Zealand; Jonathan L. Kennett, Department of National Planning and Monitoring, Papua New Guinea; Nanthiwa Kerdchuen, Pollution Control Department, Ministry of Science, Technology and Environment, Thailand;

## CONTRIBUYENTES

Nariman S. Kerimov, Department of Ecological Projects of State Committee on and Ecology Control of Natural Resources Management, Azerbaijan; Shaheen Rafi Khan, Sustainable Development Policy Institute, Pakistan; Ashok Khosla, Development Alternatives, India; Solos Khunkhrua, Environmental Research and Training Center, Department of Environmental Quality Promotion, Ministry of Science, Technology and Environment, Thailand; Ian Kiernan, Clean Up the World, Australia; Jiro Kondo, The Science and Technology Foundation of Japan, Japan; Tord Kjellstrom, Environmental Health, Department of Community Health, The University of Auckland, New Zealand; Chaiyuth Klinsukont, Thailand Institute of Scientific and Technological Research, Thailand; Pradyumna Kumar Kotta, South Asia Co-operative Environment Programme, Sri Lanka; Rieko Kubota, Yokohama City University, Japan; Premila Kumar, Department of Environment, Fiji; M. A. Kumaradasa, Ministry of Forestry and Environment, Sri Lanka; Purushottam Kunwar, Ministry of Population and Environment, Nepal; K. Vijaya Lakshmi, Environment Systems Branch, Development Alternatives, India; Murari Lal, Centre for Atmospheric Sciences, Indian Institute of Technology, India; Lusitania Latu, Central Planning Department, Tonga; Maggie Lawton, Landcare Research New Zealand Limited, New Zealand; Valeriy Lelevkin, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Kyrgyz Republic; Sione Tuka Lepa, Department of Environment, Tonga; Raman Letchumanan, The Association of South-East Asian Nations Secretariat, Indonesia; Ahohiva Levi, Department of Justice, Lands and Survey and Environmental Planning, Nieu; Loren Legarda Leviste, Senate of the Philippines, Philippines; Yaguang Li, Beijing Forestry University, China; Zhu Li, Energy Research Institute, China; Wenyan Liang, Beijing Forestry University, China; Ruth Liloqula, Ministry of National Planning and Human Resources, Solomon Islands; Khin Thida Linn, Asian Institute of Technology, Thailand; Faumuina Sailimalo P. Liu, Division of Environment and Conservation, Department of Lands, Surveys and Environment, Samoa; Shengji Luan, Center for Environmental Science, Peking University, China; Harvey F. Ludwig, Seatec International Consulting Engineers, Thailand; H. N. Luptpullaev, Department of International Cooperation, Programs of the State Committee for Nature Protection, Uzbekistan; Laavasa Malua, Division of Environment and Conservation, Department of Lands, Surveys and Environment, Samoa; Nabat Mamedova, Scientific Center on Sustainable Development and Health Protection, Turkmenistan; Irina Mamieva, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Parvin Maroufi, Public Relations and International Affairs, Department of the Environment, The Islamic Republic of Iran; Toshihiko Masui, Global Environment Division, National Institute for Environmental Studies, Japan; Vikrom Mathur, Stockholm Environment Institute, c/o Asian Institute of Technology, Thailand; Kan-ichiro Matsumura, Institute of Industrial Science, University of Tokyo, National Institute for Environmental Studies, Japan; Matt McGlone, Landcare Research, New Zealand; Matthew McIntyre, Environmental Management and Planning Division, South Pacific Regional Environment Programme, Samoa; Meeta Mehra, Tata Energy Research Institute, India; Anton D. Meister, Department of Applied and International Economics, Massey University, New Zealand; Gerald Miles, Environmental Management and Planning Division, South Pacific Regional Environment Programme, Samoa; R. C. Mishra, Doordarshan Bhavan, India; A. P. Mitra, National Physical Laboratory, India; Srinivas Mudrakarta, Vikram Sarabhai Centre for Development Interaction, Nehru Foundation for Development, India; Chary Muradov, National Institute of Desert, Flora and Fauna of Ministry of Nature Protection, Turkmenistan; Mei Ng, Friends of the Earth, Hong Kong; Somrudee Nicro, Urbanization and Environment Programme, Thailand Environment Institute, Thailand; Elena Nosova, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Makoto Numata, Chiba University, Natural History Museum and Institute, Japan; Alty Orazov, Nature Protection Society, Turkmenistan; R. K. Pachauri, Tata Energy Research Institute, India; Thongchai Panswad, Thailand Environment Institute, Thailand; Kruti Parekh, Kruti Eco Foundation, India; Jung Hee Park, Korea Woman Environment Movement Center, Republic of Korea; Matthew Paterson, Antarctic policy Unit, New Zealand Ministry of Foreign Affairs and Trade, New Zealand; Nishanti Perera, South Asia Co-operative Environment Programme, Sri Lanka; Dean Peterson, Antarctica New Zealand - The New Zealand Antarctic Institute, New Zealand; Ken Piddington, New Zealand; Urbano Pilar, Department of Environment and Natural Resources, Philippines; Sharon Potoi-Aiafi, Ministry of Foreign Affairs, Samoa; Mary Power, Conservation and Natural Resources Division, South Pacific Regional Environment Programme, Samoa; Bidya Banmali Pradhan, International Centre for Integrated Mountain

Development, Nepal; Bandana Kayasta Pradhan, International Centre for Integrated Mountain Development, Nepal; Pramod Pradhan, International Centre for Integrated Mountain Development, Nepal; Cristelle Pratt, South Pacific Applied Geoscience Commission, Fiji; Lin Qiang, Heilongjiang Environmental Protection Bureau, China; John Quinn, National Institute of Water and Atmospheric Research, New Zealand; Albert Rafikov, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Uzbekistan; Meena Raghunathan, Centre for Environment Education, Nehru Foundation for Development, India; Atiq Rahman Bangladesh Centre for Advanced Studies, Bangladesh; R. Rajamani, India; Purna Chandra Lall Rajbhandari, United Nations Environment Programme Regional Resource Centre for Asia and the Pacific, Thailand; Karma L. Rapten, National Environment Commission, Bhutan; Michelle Rogan-Finnemore, Gateway Antarctica, Centre for Antarctic Studies and Research, University of Canterbury, New Zealand; Tatyana Saakova, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Vladislav Sadomskiy, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Kazakhstan; Sopaporn Saeung, Youth Environment Envoy Club, Thailand; Naimatulla M. Safarov, Research Laboratory for Nature Protection of Hydrometeorological Service, Tajikistan; Ken Sakou\*, Center for Global Environmental Research, National Institute for Environmental Studies, Environment Agency of Japan, Japan; Sergey Samoylov, Department Economy and Management of Nature Resources Use of the State Committee for Nature Protection, Uzbekistan; Usman Saparov, Executive Committee of International Fund for Aral Sea, Turkmenistan; Kartikeya Sarabhai, Centre for Environment Education, Nehru Foundation for Development, India; Setijati Didin Sastrapradja, Yayasan Keanekaragaman Hayati, Indonesia Biodiversity Foundation, Indonesia; Cedric Schuster, World Wide Fund for Nature, South Pacific Programme, Fiji; Nailia G. Shadieva, International Relations and Programmes, Department of State Committee for Nature Protection of the Republic of Uzbekistan, Uzbekistan; Jianzhong Shen, Department of Rural and Social Development, Ministry of Science and Technology, China; Chiranjeevi L. Shrestha, Nepal; Rabin Shrestha, Asian Institute of Technology, Thailand; Ram Manohar Shrestha, Asian Institute of Technology, Thailand; Mohamed Sinclair, Malaysia; J. S. Singh, Banaras Hindu University, India; Chakkrabong Singharachai, Young Environment Envoy Club, Thailand; Prapassit Siribhodi, Environmental Research and Training Center, Department of Environmental Quality Promotion, Ministry of Science, Technology and Environment, Thailand; John F. Smith, International Global Change Institute, University of Waikato, New Zealand; Wanchai Sophonsakulrat, Asian Institute of Technology, Thailand; Ogultach Soyunova, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Tunnie Srisakulchairak, Asian Institute of Technology, Thailand; Bryan Storey, Gateway Antarctica, Centre for Antarctic Studies and Research, University of Canterbury, New Zealand; Kesrat Sukasam, Bureau of Economic and Functional Cooperation, The Association of South-East Asian Nations, Indonesia; Muktarbek Sulaimanov, International Relations Department, Ministry of Nature Protection, Kyrgyz Republic; Canaganayagan Suriyakumaran, Sri Lanka; M. S. Swaminathan, M. S. Swaminathan Research Foundation, India; Monthip Sriratana Tabucanon, Environmental Research and Training Centre, Department of Environmental Quality Promotion, Ministry of Science, Technology and Environment, Thailand; Bakhar Tashlieva, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Turkmenistan; Ngaina Teiwaki, Ministry of Finance and Economic Planning, Kiribati; Tania Temata, Environment Service, Cook Islands; Lameko Tesimale, Division of Environment and Conservation, Department of Lands, Surveys and Environment, Samoa; Sina To'a, South Pacific Regional Environment Programme, Samoa; Robinson Toka, Ministry of Lands and Natural Resources, Vanuatu; Hiroyasu Tokuda, Institute of Advanced Studies, The United Nations University, Japan; Tsuneyuki Ueki, System Planning Office, Integrated Solution Business Promotion Center, Environmental Engineering Group, Ebara Corporation, Japan; Galy Umarov, Scientific Information Centre of Intergovernmental Sustainable Development Commission, Kazakhstan; Kelera Vakaloloma, Ministry of National Planning, Fiji; Orazmamed Vasov, Supreme Council on Science and Technology, Turkmenistan; Caroline Vieux, Conservation and Natural Resources Division, South Pacific Regional Environment Programme, Samoa; Nathaniel Von Einsiedel, Urban Management Programme, Asian Institute of Technology, Thailand; Hui Wang, School of Public Health, Peking University, China; Pucai Wang, The Institute of Atmospheric Physics, Chinese Academy of Sciences, China; Zhijia Wang, State Environmental Protection Administration, China; Richard Warrick, International Global Change Institute, University of Waikato,

New Zealand; Clive Wilkinson, Global Coral Reef Monitoring Network, c/o Australian Institute of Marine Science, Australia; Felicity Wong, Antarctic Policy Unit, New Zealand Ministry of Foreign Affairs and Trade, New Zealand; Guang Xia, State Environmental Protection Administration, China; Lijiang Xia, China Agricultural University, China; Zhuyu Xu, Seoul National University, South Korea; Artyk Yazkuliev, National Institute of Desert, Flora and Fauna, Ministry of Nature Protection, Turkmenistan; Wenhui Ye, Center for Environmental Science, Peking University, China; Xia Yingxian, Division for International Organizations, Department of International Cooperation, State Environmental Protection Administration, China; Di Yu, Dalian Environment Protection Agency, Dalian Municipal Government, China; Ruisheng Yue, Division for International Organizations, Department of International Cooperation, State Environmental Protection Administration, China; Xiaofang Yue, Center for Environmental Science, Peking University, China; Hj Mohd Zakaria Bin Hj Sarudin, Ministry of Development, Brunei Darussalam; Mengheng Zhang, State Environmental Protection Administration, China; Xiangshu Zhang, People University of China, China; Xiaohong Zhao, School of Public Health, Peking University, China; Yisheng Zheng, Institute of Quantitative and Technical Economics, Chinese Academy of Social Sciences, China; Zhuang Zhuo, State Environmental Protection Administration, China.

## Europa

Joan Albaigés, Departament de Química Ambiental, Centre d'Investigació i Desenvolupament-Consell Superior d'Investigacions Científiques a Catalunya, Spain; Georgios T. Amanatidis, European Commission, Belgium; Michel Amand, Ministère de la Région Wallonne, Belgium; Chris Anastasi, British Energy plc, United Kingdom; Marina Archinova, Faculty of Geography, Moscow State University, Russian Federation; Günther Bachmann, The National Council on Sustainable Development, German Council for Sustainable Development, Germany; Philip Bagnoli, Environment Directorate, Organization for Economic Co-operation and Development, France; Jan Bakkes, National Institute of Public Health and the Environment, The Netherlands; Snorri Baldursson, Conservation of Arctic Flora and Fauna International Secretariat, Iceland; Anna Ballance, Global Resource Information Database, Arendal, Norway; Marek Baranowski, Global Resource Information Database, Warsaw, Poland; Steve Bass, International Institute for Environment and Development, United Kingdom; Michel Batisse, Plan Bleu pour l'Environnement et le Développement en Méditerranée, France; Didier Biau, Direction Régionale de l'Environnement, France; Tom Bigg, International Institute for Environment and Development, United Kingdom; Joshua Bishop, International Institute for Environment and Development, United Kingdom; Winfried E. H. Blum, International Union of Soil Sciences, Austria; Edgars Bojars, Latvian Environment Agency, Latvia; Peter Bosch, European Environment Agency, Denmark; Philippe Bourdeau, Université Libre de Bruxelles, Belgium; Melih Boydak, Faculty of Forestry, University of Istanbul, Turkey; Pal Bozo, Global Resource Information Database, Budapest, Hungary; Valerie Brachya, Ministry of Environment, Israel; Lawson Brigham, Scott Polar Research Institute, University of Cambridge, United Kingdom; Bernd Brouns, Wuppertal Institute for Climate, Environment and Energy, Germany; Philip Bubb, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Rudolf Bruno, Global Precipitation Climatology Centre, Germany; Bernhard Burdick, Climate Policy Division, Wuppertal Institute for Climate, Environment and Energy, Germany; Wolfgang E. Burhenne, International Council of Environmental Law, Germany; Davide Calamari, Environmental Research Group, Department of Structural and Functional Biology, University of Insubria, Austria; Robert Chambers, The Institute of Development Studies, University of Sussex, United Kingdom; Nis Christensen, Danish Environmental Protection Agency, Danish Ministry of Environment and Energy, Denmark; Leif E. Christoffersen, Global Resource Information Database, Arendal, Norway; Petru Cocirta, National Institute of Ecology, Republic of Moldova; William M. Conolly, British Antarctic Survey, United Kingdom; Tatiana Constantinova, Institute of Geography of Moldova, Republic of Moldova; Peter Convey, British Antarctic Survey, United Kingdom; Neil Cox\*, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Paul Crutzen, Max-Planck Institute for Chemistry, Germany; Paul Csagoly, The Regional Environmental Centre for Central and Eastern Europe, Hungary; Barry Dalal-Clayton, International Institute for Environment and Development,

United Kingdom; Karine S. Danielyan, The Association for Sustainable Human Development, Armenia; Ged Davis, Global Business Environment, Shell International Ltd., Shell Centre, United Kingdom; Vivian Davies, International Institute for Environment and Development, United Kingdom; Andrea DeBono, Global Resource Information Database, Geneva, Switzerland; Dick de Bruijn, Ministry of Housing, Spatial Planning and the Environment, The Netherlands; Anatoly Debinsky, Science Department of the Council of Ministers of the Ukraine Republic, Ukraine; Valeriy Demyanenko, Environmental Department, Engineering and Technology Institute, Ukraine; Nikolai Denisov, Global Resource Information Database, Arendal, Norway; Carlos de Prada, COPE, Spain; Juliette de Villers, Département Observatoire des Données de l'Environnement, Division Information et Actions de proximité, Belgium; Bert J.M. de Vries, National Institute of Public Health and the Environment, The Netherlands; Anne-France Didier, Direction Régionale de l'Environnement, France; Kliment Dilianov, Ministry of Environment and Water, Bulgaria; Nikolai M. Dronin, Faculty of Geography, Moscow State University, Russian Federation; John Fanshawe, BirdLife International, United Kingdom; Phillip Fox, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Gerardo Frago, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Claude Füssler, World Business Council for Sustainable Development, Switzerland; Alexander V. Fyodorov, Russian Ecological Federal Information Agency, Russian Federation; Aart Gaasbeek, Shell International B.V., The Netherlands; Nadezhda Gaponenko, Analytical Center on Science and Industrial Policy, Russian Academy of Sciences, Russian Federation; Rosalie Gardiner, Stakeholder Forum for our Common Future, United Kingdom; Bachtang Sh. Geladze, Department of Hydrology, Institute of Geography, Georgian Academy of Sciences, Georgia; Anna-Rita Gentile, European Environment Agency, Denmark; Herbert Girardet, Sustainable London Trust, United Kingdom; Gregory Giuliani, Global Resource Information Database, Geneva, Switzerland; Pietro Giuliani, Ente Per le Nuove Tecnologie, l'Energia e l'Ambiente - Antartide, Italy; Inga O. Gorlenko, Department of Social-Geographic Researches, Institute of Geography, Ukrainian Academy of Sciences, Ukraine; Genady N. Golubev, Faculty of Geography, Moscow State University, Russian Federation; Elena I. Golubeva, Faculty of Geography, Moscow State University, Russian Federation; Mikhail Gorbachev, Greencross International, Switzerland; Andrew Goudie, School of Geography and the Environment, University of Oxford, United Kingdom; Nikita F. Glazovsky, Institute of Geography, Russian Academy of Sciences, Russian Federation; Edmund Green, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Brian Groombridge, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Arnulf Gruebler, Transitions to New Technologies, International Institute for Applied Systems Analysis, Austria; Donat-Peter Häder, Institut für Botanik und Pharmazeutische Biologie, Friedrich-Alexander Universität, Germany; Leif A. Halonen, Saami Council, Norwegian Section, Norway; Neil Harris, European Ozone Research Coordinating Unit, United Kingdom; Mark Harvey, Television Trust for the Environment International, United Kingdom; Oliver W. Heal, United Kingdom; Melanie Heath, BirdLife International, United Kingdom; Peter Herkenrath, BirdLife International, United Kingdom; Olav Hesjedal, Norwegian University Network for Life Long Learning, Norway; Jan-Petter Huberth-Hansen, Conservation of Arctic Flora and Fauna International Secretariat, Directorate for Nature Management, Norway; David R. Humphreys, Faculty of Social Sciences, The Open University, United Kingdom; Tsvetan Ivanov, National Association of UN Youth Clubs, Bulgaria; Yuri Izrael, Institute of Global Climate and Ecology, Russian Federation; Klaus Jacob, Forschungstelle Freie Universität, Germany; Bengt-Owe Jansson, Department of Systems Ecology, Stockholm University, Sweden; Martin Jenkins, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Zurab Jintcharadze, Global Resource Information Database, Tbilisi, Georgia; Kathrine Johnsen, Global Resource Information Database, Arendal, Norway; André Jol, European Environment Agency, Denmark; Valerie Kapos, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Stephane Kluser, Global Resource Information Database, Geneva, Switzerland; Manana Kurtabadze, Global Resource Information Database, Tbilisi, Georgia; Bruno Kestemont, Institut National de Statistique Environnement, Belgium; Vitaly Kimstach, Arctic Monitoring and Assessment Programme, Norway; John C. King, British Antarctic Survey, United Kingdom; Margarita Korkhmazyan, Department of International Cooperation, Ministry of Nature Protection of Republic of

## CONTRIBUYENTES

Armenia, Armenia; Stepan B. Kotchanovsky, Department of Economic Research Institute, Belarus; Peter Kouwenhoven, Resource Analysis, The Netherlands; Alexsei Kouraev, Museum of Sciences of the Earth, Moscow State University, Russian Federation; Isabella Koziell, International Institute for Environment and Development, United Kingdom; Anita Küntizer, European Environment Agency, Denmark; Roland Kupers, Shell International Limited, Shell Centre, United Kingdom; Michael Kyriamarios, Management Unit of the North Sea Mathematical Models, Belgium; Thomas Langrock, Wuppertal Institute for Climate, Environment and Energy, Germany; Thor S. Larsen, Global Resource Information Database, Arendal, Norway; Norman Lee, Environmental Impact Assessment Centre, School of Planning, University of Manchester, United Kingdom; Christian Leger, Direction Régional de l'Environnement, France; Jeremy Legget, Solar Century, United Kingdom; Erich Lippert, Ministry of the Environment, Czech Republic; Elena Lobanova, Global Resource Information Database, Moscow, Russian Federation; Vladimir F. Loginov, Institute of Problems of Natural Resources Use and Ecology, National Academy of Sciences, Belarus; Anneliese Looss, Federal Environmental Agency, Germany; Kim S. Losev, Faculty of Geography, Moscow State University, Russian Federation; Franco Lovisolò, Triciclo Centre, Italy; Svetlana M. Malkhazova, Faculty of Geography, Moscow State University, Russian Federation; Thierry Marechal, International Association of Public Transport, Belgium; Julia Marton-Lefèvre, Leadership for Environment and Development International, United Kingdom; Yuri Mazourov, Russian Heritage Institute, Russian Federation; Douglas McCallum, McCallum Consultancy, United Kingdom; Gordon McGranahan, International Institute for Environment and Development, United Kingdom; Alasdair D. McIntyre, Department of Zoology, University of Aberdeen, United Kingdom; Doug McKay, Shell International Limited, Shell Centre, United Kingdom; Mary McKinley, The Regional Environmental Center for Central and Eastern Europe, Hungary; Anthony J. McMichael, Department of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine, United Kingdom; Nancy MacPherson, IUCN - The World Conservation Union, Switzerland; Gérard Mégie, Centre National de la Recherche Scientifique, France; Andrus Meiner, Estonian Environment Information Centre, Estonia; Jacek Mizak, Ministry of the Environment, Poland; Ruben Mnatsakanian, Central European University, Hungary; Arild Moe, The Fridtjof Nansen Institute, Norway; Kjell Are Moe, Alpha Environment Company, Norway; Alex Moiseev, IUCN - The World Conservation Union, Switzerland; Fran Monks, Global Business Environment, Shell International Limited, Shell Centre, United Kingdom; Lars Mortensen, Environment Directorate, Organization for Economic Co-operation and Development, France; Helen Mountford, Environment Directorate, Organization for Economic Co-operation and Development, France; Hemmo Muntingh, International Fund for Animal Welfare, Belgium; Bazha E. Naidze, Department of Economical Geography, Institute of Geography, Georgian Academy of Sciences, Georgia; Christian Nellemann, Division for Man-Environment Studies, Norwegian Institute of Nature Research, Norway; Adrian Newton, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom; Michail E. Nikiforov, Institute of Zoology, Byelorussian Academy of Sciences, Belarus; Birgit Njåstad, Polar Environmental Centre, Norwegian Polar Institute, Norway; Ola Nordbeck, Global Resource Information Database, Geneva, Switzerland; Zygfryd Nowak, Gliwice Polish Cleaner Production Center, Silesian Technical University, Poland; Markku Nurmi, Ministry of the Environment, Finland; Vyacheslav I. Oleschenko, Juridical Department, Administration of the President of Ukraine, Ukraine; Johannes B. Opschoor, Institute of Social Studies, The Netherlands; Willy Østereng, The Fridtjof Nansen Institute, Norway; Hermann E. Ott, Wuppertal Institute for Climate, Environment and Energy, Germany; Jiahua Pan, National Institute of Public Health and the Environment, The Netherlands; Hassan Partow, Global Resource Information Database, Geneva, Switzerland; Ian Payne, Marine Resources Assessment Group, United Kingdom; Lloyd Peck, British Antarctic Survey, United Kingdom; Pascal Peduzzi, Global Resource Information Database, Geneva, Switzerland; Ivone Perera-Martins, European Environment Agency, Denmark; Nicolas Perritaz, European Environment Agency, Denmark; Jonathan C. Pershing, Energy and Environment Division, International Energy Agency, France; Beat Peter, Global Resource Information Database, Arendal, Norway; Ulla Pinborg, European Environment Agency, Denmark; Kornelija Pintaric, Ministry of Environment, Croatia; Véronique Plocq Fichelet, Scientific Committee on Problems of the Environment, France; Elena Popovici, Ministry of Waters and Environmental Protection, Romania; Yiannakis D. Potamitis, Environmental Committee of Limassol, Cyprus; José Potting, National

Institute of Public Health and the Environment, The Netherlands; Martin Price, Centre for Mountain Studies, Perth College, UHI Millennium Institute, United Kingdom; Hanna Rådberg, Swedish Ecodemics, Sweden; Oscar Ravera, National Research Council, Instituto Italiano di Idrobiologia, Italy; Lars-Otto Reiersen, Arctic Monitoring and Assessment Programme, Norway; Teresa Ribeiro, European Environment Agency, Denmark; Henning Rodhe, Department of Meteorology, Stockholm University, Sweden; Odd Rogne, International Arctic Science Committee, Norway; Dale S. Rothman, International Centre for Integrative Studies, Maastricht University, The Netherlands; Jan Rotmans, International Centre for Integrative Studies, Maastricht University, The Netherlands; Leonid G. Rudenko, Institute of Geography, Ukrainian National Academy of Sciences, Ukraine; Kenneth Ruffing, Environment Directorate, Organization for Economic Co-operation and Development, France; Wolfgang Sachs, Wuppertal Institute for Climate, Environment and Energy, Germany; Elisabeth Samec, Danube-Carpathian Programme, World Wide Fund for Nature International, Austria; Peter H. Sand, International Environmental Law, University of Munich, Germany; Mirjam Schomaker, France; Stefan Schwarzer, Global Resource Information Database, Geneva, Switzerland; Hans Martin Seip, Centre for International Climate and Environmental Research University, Norway; Richard Sigman, Environment, Health and Safety Division, Organization for Economic Co-operation and Development, France; Otto Simonett, Global Resource Information Database, Arendal, Norway; Otto Spaargaren, International Soil Reference and Information Centre, The Netherlands; David Stanners, European Environment Agency, Denmark; Alison Stattersfield, BirdLife International, United Kingdom; Chris Steenmans, European Environment Agency, Denmark; Carolyn Stephens, Environmental Epidemiology Unit, Department of Public Health and Policy, London School of Hygiene and Tropical Medicine, United Kingdom; Elisha Stern, Ministry of Environment, Israel; Volker Straub, Aventis, France; Jakob Ström, Ministry of the Environment, Sweden; Helen Sullivan, Shell International Limited, Shell Centre, United Kingdom; Zurab K. Tatashidze, Institute of Geography, Georgian Academy of Sciences, Georgia; Jean Thie, IUCN - The World Conservation Union, Switzerland; Marechal Thierry, International Association of Public Transport, Belgium; Hans Willi Thoenes, Scientific Council on Soil Protection of the German Federal Environmental, Germany; Hazell Thompson, BirdLife International, United Kingdom; Niels Thyssen, European Environment Agency, Denmark; Hardin Tibbs, Synthesys Strategic Consulting Ltd, United Kingdom; Rita Tjunaite, Ministry of Environment, Lithuania; Ferenc Toth, Potsdam Institute for Climate Impact Research, Germany; Camilla Toulmin, International Institute for Environment and Development, United Kingdom; Emil D. Tsereteli, Institute of Geography of Georgian Academy of Sciences, Georgia; Svein Tveitdal, Global Resource Information Database, Arendal, Norway; Ronan Uhel, European Environment Agency, Denmark; Dirk-Willem van Gulik, WebWeaving Consultancy, Italy; Tom A. Veldkamp, Laboratory of Soil Science and Geology, Wageningen University, The Netherlands; Kimberley Villar, International Institute for Environment and Development, United Kingdom; Axel Volkery, Environmental Policy Research Unit, Free University of Berlin, Germany; Friedrich Mumm von Mallinckrodt, Germany; Margot Wallström, European Commission, Belgium; Jonathan Walter, International Federation of Red Cross and Red Crescent Societies, Switzerland; Phil Watts, Shell International Limited, Shell Centre, United Kingdom; David Wege, BirdLife International, United Kingdom; Jacob Werksman, Foundation for International Environmental Law and Development, School of Oriental and African Studies, University of London, United Kingdom; Angela Wilkinson, Global Business Environment, Shell International Limited, Shell Centre, United Kingdom; Paul Wilkinson, Department of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine, United Kingdom; Simon Wilson, Arctic Monitoring and Assessment Programme, The Netherlands; Angelika Wirtz, Munich Reinsurance Company, Germany; Alexey V. Yablokov, Centre for Russian Environmental Policy, Russian Federation; Olga Zharskaya, Ministry for Environment, Belarus; Christoph Zöckler, United Nations Environment Programme World Conservation Monitoring Centre, United Kingdom.

## América Latina y el Caribe

Bebe Arcifa Khan Ajodha, Ministry of Education and Environmental Management Authority, Rudranath Capildeo Learning Resource Centre, Trinidad and Tobago; Manuel Alepuz, Centro de Ingeniería y Manejo

Ambiental de Bahías y Costas, Cuba; Luiz Amore, Water Resources Secretariat, Ministry of the Environment, Brazil; Angela Andrade, Ministry of Environment, Colombia; Carlos Barboza, Dirección de Planificación, Ministério de Ambiente y Energía, Costa Rica; Jesús Beltrán, Centro de Ingeniería y Manejo Ambiental de Bahías y Costas, Cuba; Al Binger, Centre for Environment and Development, University of West Indies, Jamaica; Nicola Borregaard, Centro de Investigación y Planificación del Medio Ambiente, Chile; Hazel Brenes Umaña, Observatorio del Desarrollo, Universidad de Costa Rica, Costa Rica; Francisco Brzovic Parilo, Centro de Análisis de Políticas Públicas, Universidad de Chile, Chile; Jorge Cabrera Medaglia, Instituto Nacional de Biodiversidad, Costa Rica; João Batista Drummond Câmara, Instituto Brasileiro do Meio Ambiente e dos Recursos Naturais Renováveis, Brazil; Jose Casal, Centro de Ingeniería y Manejo Ambiental de Bahías y Costas, Cuba; Brian Cooper, Ministry of Agriculture, Government of Antigua-Barbuda, Antigua and Barbuda; Christopher Corbin, Ministry of Planning, Development, Environment and Housing, St. Lucia; Angela Cropper, Iwokrama International Centre for Rainforest Conservation and Development, Trinidad and Tobago; Roberto De La Cruz, Autoridad Nacional del Ambiente, Panamá; Exequiel Ezcurra, National Institute of Ecology, Secretary of Environment and Natural Resources, Mexico; Álvaro Fernández González, Observatorio del Desarrollo, Universidad de Costa Rica, Costa Rica; Argelia Fernández, Ministerio de Ciencia, Tecnología y Medio Ambiente, Cuba; Cornelius Fevrier, Caribbean Community Secretariat, Guyana; Pascal O. Girot, Universidad de Costa Rica, Costa Rica; Nicolo Gligo, Programa de Desarrollo Sustentable, Centro de Análisis de Políticas Públicas, Universidad de Chile, Chile; Lourdes González, Unidad de Planeamiento y Evaluación de la Gestión, Secretaría de Recursos Naturales y Ambiente, Honduras; David Gorriti Miranda, Sistema Nacional de Información para el Desarrollo Sostenible, Ministerio de Desarrollo Sostenible y Planificación, Bolivia; Eduardo Gudynas, Centro Latino Americano de Ecología Social, Uruguay; Edgar E. Gutiérrez-Espeleta, Observatorio del Desarrollo, Universidad de Costa Rica, Costa Rica; Cathal Healy-Singh, Caribbean Regional Environmental Programme, Caribbean Conservation Association, Barbados; Daniel David Hoggarth, SCALES Inc., Barbados; Luis Carlos Jemio, Corporación Andina de Fomento Economista de País, Bolivia; Jorge Arturo Jiménez, Organization for Tropical Studies, Costa Rica; Yolanda Kakabadse, Fundacion Futuro Latino Americano, Ecuador; Ian King, Regional Project Implementation Unit, Caribbean Planning for Adaptation to Global Climate Change, Barbados; Carlos Augusto Klink, Universidade de Brasília, Brazil; Nelson Koutaka Miyake, STCP Engenharia de Projetos Ltda., Brazil; Sharon Laurent, Caribbean Industrial Research Institute, Trinidad and Tobago; Ronald Léger, Earth Council, Costa Rica; Daniel López López, Centro de Investigación en Geografía y Geomática, Mexico; Magna Luduvic, Ministério do Meio Ambiente, Brazil; Maria Inês Miranda de Andrade, Instituto Brasileiro do Meio Ambiente e dos Recursos Naturais Renováveis, Brazil; Luis E. Molinas B., Secretaría del Ambiente, Paraguay; Julián Monge Nájera, Universidad de Costa Rica, Costa Rica; Oscar de Moraes Cordeiro Neto, Universidade de Brasília, Brazil; C. Roberto Morales, Ministério de Ambiente y Recursos Naturales, Guatemala; Cedric Nelom, National Institute for Environment and Development, Suriname National Institute for Environment, Suriname; Rochelle Newbold, The Bahamas Environment, Science, and Technology Commission, Bahamas; Manuel Angel Núñez Soto, Government of the State of Hidalgo, Palacio de Gobierno, Pachuca, Hidalgo, Mexico; Maria Onestini, Centro de Estudios Ambientales, Argentina; Árida Ortiz Sotomayor, Puerto Rico; Ramón Pichs Madruga, Centro de Investigaciones de la Economía Mundial, Cuba; Bruce Potter, Island Resources Foundation, US Virgin Islands; Alejandro Quiroz Soriano, Comisión para el Uso y la Conservación de la Biodiversidad en México, Mexico; Oscar M. Ramírez-Flores, Centro de Investigación en Biodiversidad y Ambiente, Mexico; Marc Rammelaere, National Environment Planning Agency, Jamaica; Angela de L. Rebello Wagener, Pontificia Universidade Católica do Rio de Janeiro, Brazil; Carmen Reyes, Centro de Investigación en Geografía y Geomática, Mexico; María Luisa Robleto Aguilar, Comisión Nacional del Medio Ambiente, Chile; Yosú Rodríguez Aldabe, Secretaría de Medio Ambiente y Recursos Naturales, Mexico; Marisabel Romaggi Chiesa, Centro de Análisis de Políticas Públicas, Universidad de Chile, Chile; Juan José Romero, Proyecto Gestión Integrada de los Recursos Hídricos y Desarrollo Sostenible de la Cuenca del Río San Juan, Ministério del Ambiente y Recursos Naturales, Nicaragua; Herbert Otto R. Shubart, Secretaría de Coordinación de la Amazonía, Ministério del Medio Ambiente, Brazil; Rosa Virginia Salas Aguilar, Consejo Nacional del Ambiente, Perú; Sonia Ivett Sánchez, Ministério de Medio Ambiente y Recursos Naturales,

El Salvador; Eugenio Sanhueza, Laboratorio de Química Atmosférica, Centro de Química, Instituto Venezolano de Investigaciones Científicas, Venezuela; Lorena San Román, Earth Council, Costa Rica; Fernando R. Santibáñez, Centro de Agricultura y Medio Ambiente, Universidad de Chile, Chile; Enrique José Schaljo, Secretaría de Desarrollo Sustentable y Política Ambiental, Ministério de Desarrollo Social y Medio Ambiente, Argentina; Ricardo Schustermann, International Institute for Environment and Development-América Latina, Argentina; Joth Singh, Caribbean Conservation Association, Barbados; Osvaldo Sunkel, Centro de Análisis de Políticas Públicas, Universidad de Chile, Chile; Izabella Teixeira, Programa de Qualidade Ambiental, Ministério do Meio Ambiente, Secretaria de Qualidade Ambiental nos Assentamentos Humanos, Brazil; Peter Toledo, Museu Paraense Emilio Goeldi, Paraná, Brazil; Ivan Tomaselli, STCP Engenharia de Projetos Ltda., Brazil; Sofía Torey, Casa de la Paz, Chile; Francisco Javier Velazco, Ministerio del Ambiente, Venezuela; María del Carmen Vera Díaz, Instituto de Pesquisa Ambiental da Amazonia, Ministério do Meio Ambiente, Brazil; Sebastián Wesselman, Tropical Agricultural Research and Higher Education Centre, Costa Rica; José Ximenes De Mesquita, Instituto Brasileiro do Meio Ambiente e dos Recursos Naturais Renováveis, Brazil.

## América del Norte

Sarah Albertini, Bureau of Transportation Statistics, United States Department of Transportation, United States; Paul Allen, Environment Canada, Canada; Stephen O. Andersen, Atmospheric Pollution Prevention Division, United States Environmental Protection Agency, United States; Geoffrey Anderson, Office of Policy Economics and Innovation, United States Environmental Protection Agency, United States; Ray C. Anderson, Interface Inc., United States; Bruce Angle, Meteorological Service, Environment Canada, Canada; Assaf Anyamba, Biospheric Sciences Branch, National Aeronautics and Space Administration Goddard Space Flight Center, United States; Gérald Aubry, Canadian Environmental Assessment Agency, Environment Canada, Canada; Richard D. Ballhorn, International Environmental Affairs Bureau, Canadian Foreign Affairs, Canada; Tariq Banuri, Stockholm Environment Institute, Boston, United States; Sabrina Barker, International Policy and Cooperation Branch, Environment Canada, Canada; Jane Barr\*, Commission for Environmental Cooperation, Canada; David Bassett, United States Department of Energy, United States; Steve Bernow, Tellus Institute, United States; David Berry, Department of the Interior, Council on Environmental Quality, United States; Leonard Berry, Florida Center for Environmental Studies, Florida Atlantic University, United States; John Michael Bewers, Bedford Institute of Oceanography, Canada; Roger L. Blair, National Health and Environmental Effects Research Laboratory, United States Environmental Protection Agency, United States; Greg Block, Commission for Environmental Cooperation, Canada; Harvey Bootsma, Great Lakes Water Institute, University of Wisconsin, United States; Ian Bowles, Council on Environmental Quality, United States; Thomas J. Brennan, Bureau of International Organizations Affairs, United States Department of State, United States; Keith W. Brickley, Department of Fisheries and Oceans, Canada; Terry Bronson, American Public Transportation Policy Project, United States; Lillith Brook, Canada; Thomas M. Brooks, Center for Applied Biodiversity Science, Conservation International, United States; Ronald J. Brown, Canada Center for Remote Sensing, Canada; Ian Burton, Canada; Eric Bush, Centers for Epidemiology and Animal Health, United States; Laurence Campbell, United States Department of Commerce, United States; Danielle Cantin, Boreal and Temperate Forests Programme, IUCN - The World Conservation Union, Canada; Arcadie M. Capcelea, The World Bank, United States; Franklin G. Cardy, The World Bank, United States; Jeff Carmichael, Sustainable Development Research Institute, University of British Columbia, Canada; Chantal-Line Carpentier, North American Commission for Environmental Cooperation, Canada; Jennifer Castlelen, International Institute for Sustainable Development, Canada; Julie Charbonneau, Environment Canada, Canada; Alain Chung, Pollution Data Branch, Environment Canada, Canada; William Clark, The John F. Kennedy School of Government at Harvard, United States; Cynthia Cluck, National Mapping Division, United States Geological Survey, United States; Richard Connor, World Water Council, Canada; Ted Cooke, Fisheries and Oceans Canada, Canada; Tom Cooney, United States Department of State, United States; Robert Costanza, Center for Environmental Science and Biology, University of Maryland, United

## CONTRIBUYENTES

States; Philippe Crabbé, Institute for Research on Environment and Economy, University of Ottawa, Canada; Rudy D'Alessandro, United States Department of the Interior, United States; Edward C. De Fabo, Medical Centre, School of Medicine, The George Washington University, United States; Patricia V. Dickerson, Bureau of Census, United States; Robert A. Duce, Department of Oceanography and Atmospheric Sciences, Texas A&M University, United States; Jennifer Duggan, International Institute for Sustainable Development, Canada; Linda Dunn, Industry Canada-Trade Team, Canada; Paul R. Epstein, Center for Health and the Global Environment, Harvard Medical School, United States; Mark Ernste, Global Resource Information Database, Sioux Falls, United States; Hari Eswaran, United States Department of Agriculture, The Natural Resources Conservation Service, United States; Dan Fantozzi, Bureau of Oceans and International Environmental and Scientific Affairs, United States Department of State, United States; Camilla Feibelman, Sierra Student Coalition, United States; Lowell Feld, Energy Information Administration, United States Department of Energy, United States; Angus Ferguson, Environment Canada, Canada; Karen Fisher, Department of Fisheries and Oceans, Canada; Eugene Fosnight, Global Resource Information Database, Sioux Falls, United States; Amy Fraenkel, Senate Committee on Commerce, Science and Transportation, United States; Karen Freedman, Energy Information Administration, United States Department of Energy, United States; Peter Frenzen, Mount St. Helens National Volcanic Monument, United States; David Frost, Geography Department, Concordia University, Canada; Tom Furmanczyk, Environment Canada, Canada; Jacques Gagnon, Natural Resources Canada, Canada; Michelle Garland, Surface Transportation Policy Project, United States; Kim Giese, Global Resource Information Database, Sioux Falls, United States; Mark Gillis, Natural Resources Canada, Canada; Andy Gilman, Office of Sustainable Development, Health Canada, Canada; Dagny Gingrich, Biodiversity Convention Office, Environment Canada, Canada; Jerome Glenn, American Council for the United Nations University, United States; Peter H. Gleick, Environment and Security, Pacific Institute for Studies in Development, United States; Theodore Gordon, American Council for the United Nations University, United States; Stephen Gray, Landscape Management, Natural Resources Canada, Canada; Michael Grillot, United States Department of Energy, United States; Pablo Gutman, United States; Brian Haddon, National Forestry Database Programme, Natural Resources Canada Statistics, Canada; Andrew Hamilton, Resource Futures International, Canada; Allen Hammond, World Resources Institute, United States; Arthur J. Hanson, International Institute for Sustainable Development, Canada; Peter Hardi, International Institute for Sustainable Development, Canada; Asit Hazra, Environment Canada, Canada; Alan D. Hecht, Office of International Activities, United States Environmental Protection Agency, United States; David Henry, Canadian Heritage, Environment Canada, Canada; John Herity, Environment Canada, Canada; George Herrfuth, United States Department of State, United States; Christine T. Hogan, International Affairs Directorate, Environment Canada, Canada; Nazmul Hossain, Global Resource Information Database, Sioux Falls, United States; Mark Hovorka, Environment Canada, Canada; Tom Iavari, Natural Resources Conservation Service, United States; Gary Ironside, Environment Canada, Canada; Heather James, Pacific Operations, Fisheries and Oceans, Canada; Sachidamand Jha, Department of Biology, University of Massachusetts-Boston, United States; Yvan Jobin, Foreign Affairs and International Trade, Canada; Ian Johnson, The World Bank, United States; Calestous Juma, The John F. Kennedy School of Government at Harvard, United States; Margaret Kain, Forest Service, United States Department of Agriculture, United States; Shashi Kant, Faculty of Forestry, University of Toronto, Canada; John Karau, Fisheries and Oceans Canada, Canada; Robert Kates, United States; Sivan Kartha, Stockholm Environment Institute, Boston, United States; Eric Kemp-Benedict, Stockholm Environment Institute, Boston, United States; Margaret Kenny, Environment Canada, Canada; Ann Kerr, Environment Canada, Canada; Mara Kerry, Canadian Nature Federation, Canada; Frederick W. Kutz, United States Environmental Protection Agency, United States; Jim LaBau, Forest Service, United States Department of Agriculture, United States; Keith Laughlin\*, Council on Environmental Quality, United States; Jay Lawimore, National Oceanic and Atmospheric Agency, United States; Douglas J. Lawrence, Natural Resources Conservation Service, United States Department of Agriculture, United States; Rick Lee, University of Victoria, Canada; Annick LeHenaff, Environment Canada, Canada; Perry Lindstrom, United States Department of Energy, United States; Amory Lovins, Rocky Mountain Institute, United States; H. Gyde Lund, Forest Information Services, United States; Mary Ann Lyle, Federal Emergency Management Agency, United States; Late Elisabeth

Mann Borgese, International Ocean Institute, Dalhousie University, Canada; Alex Manson, Environment Canada, Canada; Ian Marshall, Environment Canada, Canada; Tim Marta, Agriculture and Agri-Food Canada, Canada; Gordon McBean, University of Western Ontario, Canada; Jessica McCann, Community Transportation Association of America, United States; Beverly D. McIntyre, Office of Global Change, United States Department of State, United States; Elizabeth McLanahan, National Oceanic and Atmospheric Agency, United States; Mary Lou McQuaide, Solid Waste Association of North America, United States; Terry McRae, Agriculture and Agri-Food Canada, Canada; Richard Meganck, Unit for Sustainable Development and Environment, Organization of American States, United States; Valdis E. Mezainis, International Programs, United States Forest Service, United States; Craig Miller, Environment Canada, Canada; Paul Miller, North American Commission for Environmental Cooperation, Canada; Rebecca Milo, Environment Canada, Canada; Mario J. Molina, Massachusetts Institute of Technology, United States; Charles E. Morrison, East-West Center, United States; Gloria Mundo, United States Census Bureau, United States; Ted Munn, Institute for Environmental Studies, University of Toronto, Canada; Pumulo Muyatwa, International Institute for Sustainable Development, Canada; Tony Myers, Health Canada, Canada; Adil Najam, Department of International Relations, Center for Energy and Environmental Studies, Boston University, United States; Brenda O'Conner, Environment Canada, Canada; Edward Ohanion, Office of Water, United States Environmental Protection Agency, United States; Robin O'Malley, The H. John Heinz III Center for Science, Economics and the Environment, United States; Jim Osborne, Environment Canada, Canada; Gail Osherenko, Dartmouth College, United States; Christine Padoch, The New York Botanical Garden, United States; Jeanne Pagnan, Twin Dolphins Consultants, Canada; Dennis Peacock, United States National Science Foundation, United States; Phil Perkins, Yellowstone National Park, United States; Erica Phipps, North American Commission for Environmental Cooperation, Canada; László Pintér, International Institute for Sustainable Development, Canada; Cindy Pollack-Shea, Florida Sustainable Communities Center, United States; Sharon Powers, National Agricultural Statistics Service, United States; Don Pryor, National Oceanic and Atmospheric Agency, United States; Thomas Pyle, Office of Polar Programs, United States National Science Foundation, United States; David J. Rapport, The University of Western Ontario, Canada; Paul Raskin, Stockholm Environment Institute, Boston, United States; Walter Rast, Great Lakes Water Quality Board, International Joint Commission, Canada; David Redford, United States Environmental Protection Agency, United States; Dieter Riedel, Health Canada, Canada; Elliot Riordan, The World Bank, United States; Richard Robarts, Environment Canada, Canada; Brian Roberts, Indian and Northern Affairs, Canada; John B. Robinson, Sustainable Development Research Institute, University of British Columbia, Canada; Guy Rochon, Environment Canada, Canada; Jane M. Rohling, United States Department of Agriculture, United States; David Roodman, World Watch Institute, United States; Carol Rosen, World Resources Institute, United States; Denyse Rousseau, Foreign Affairs and International Trade, Canada; Clay Rubec, Environment Canada, Canada; David Runnalls, International Institute for Sustainable Development, Canada; Daniel Meredith Schwartz, University of Toronto, Canada; Kathleen Sullivan Sealey, Department of Biology, University of Miami, United States; Stephen Seidel, United States Environmental Protection Agency, United States; Parvina A. Shamsieva-Cohen\*, Global Resource Information Database, Sioux Falls, United States; Victor Shantora, Commission for Environmental Cooperation, United States; Hua Shi, Global Resource Information Database, Sioux Falls, United States; Cameron Siles, Environment Canada, Canada; Karn Deo Singh, Center for International Development, University of Harvard, United States; Brad Smith, Forest Service, United States Department of Agriculture, United States; Bryan Smith, Environment Canada, Canada; Jane Smith, Global Resource Information Database, Sioux Falls, United States; Sharon Lee Smith, Environment Canada, Canada; Susan Solomon, National Oceanic and Atmospheric Administration, United States; Jim Steele, Commercial Services, Environment Canada, Canada; Janet Stephenson, Natural Resources Canada, Canada; John W. B. Stewart, University of Saskatchewan, Canada; Anita Street, Office of Planning, Analysis and Accountability, United States Environmental Protection Agency, United States; Nick Sundt, United States Global Change Research Program, United States; David Sutherland, National Oceanic and Atmospheric Administration, United States; James Tansey, University of British Columbia, Canada; Charles Tarnocai, Agriculture and Agri-Food, Canada Research Branch, Canada; Jeffrey A. Thornton, International Environmental Management Services Ltd., United States; Kelly Torck, Environment Canada, Canada; John R. Townshend,

University of Maryland, United States; Suzanne Tremblay, Statistics Canada, Statistical Reference Centre, Canada; Jacques Trencia, Canadian Forest Service-Science Branch, Natural Resources Canada, Canada; Daniel Tunstall, World Resources Institute, United States; David G. Victor, Science and Technology Council on Foreign Relations, United States; Jean-Louis Wallace, Environmental Relations Division, Foreign Affairs and International Trade, Canada; Frank Wania, University of Toronto at Scarborough Canada; R. Douglas Wells, Forestry Transportation Operations Branch, Transportation and Works Department, Canada; Thomas E. Werkema, Atofina Chemicals Inc., United States; Denis White, United States Environmental Protection Agency, United States; Gilbert F. White, University of Colorado, United States; Robin White, World Resources Institute, United States; Keith Wiebe, United States Department of Agriculture, United States; Tara Wilkinson, Commission for Environmental Cooperation, Canada; Heather Wood, Environment Canada, Canada; Oran R. Young, Dartmouth College, United States; John Zacharias, Urban Studies Programme, Department of Geography, Concordia University, Canada.

## Asia Occidental

Jameel Abdulla Abbas, University of Bahrain, Bahrain; Essa Abdellatif, The Zayed International Prize for the Environment, United Arab Emirates; Mohammad S. Abido, School of Graduate Studies, Arabian Gulf University, Bahrain; Ziad Hamzah Abu-Ghararah, Meteorology and Environment Protection Administration, Saudi Arabia; Anwar S. Abdu, Arabian Gulf University, Bahrain; Farouk Adli\*, Ministry of State of Environment Affairs, Syria; Emad Adly, Arab Network for Environment and Development, Egypt; Yasser Abdulrahim Ahmed, Gulf Petroleum Industries Company, Bahrain; Mohammed Suleiman Al-Abry, Ministry of Regional Municipalities Environment and Water Resources, Oman; Fahmi H. A. Al-Ali, Secretariat of the Gulf Cooperation Council, Saudi Arabia; Mohamed Al-Araimi, Ministry of Regional Municipalities and Environment, Oman; Nedhal Al Ashqar, Lebanon; Abdul Rahman A. Al-Awadi, Regional Organization for the Protection of the Marine Environment, Kuwait; Basma Al-Baharna, Arabian Gulf University, Bahrain; Anwar S. Shaikh Al-Deen, School of Graduate Studies, Arabian Gulf University, Bahrain; Salem Al-Dhaheeri, Federal Environmental Agency, United Arab Emirates; Abdullah Al-Droubi, Arab Centre for the Studies of Arid Zones and Drylands, Syria; Dawoud Mohammad Al-Eisawi, School of Graduate Studies, Arabian Gulf University, Bahrain; Hussein Alawi Al-Gunied, Environmental Protection Council, Yemen; Yousef Ebrahim Al Hamar, Supreme Council for the Environment and Natural Reserves, Qatar; Abdulaziz Al-Jalal, Secretariat of the Gulf Cooperation Council, Saudi Arabia; A. M. Al-Janahi, Marine Emergency Mutual Aid Centre, Bahrain; Sabah Saleh Al-Jenaid, School of Graduate Studies, Arabian Gulf University, Bahrain; Ozaina Al-Jundi, Ministry of State for Environmental Affairs, Syria; Saiyed F. Al Khouli, Meteorology and Environment Protection Administration, Saudi Arabia; Zahwa M. S. Al Kuwari, Environmental Affairs, Ministry of State for Municipalities Affairs and Environmental Affairs, Bahrain; Wajdi Suliman Moh'd Al-Mahalal, Environmental Affairs, Ministry of State for Municipalities Affairs and Environmental Affairs, Bahrain; Abdul Mohsin Al-Mahmood, Environmental Affairs, Ministry of State for Municipalities Affairs and Environmental Affairs, Bahrain; Naheda Al-Majed, Regional Organization for the Protection of the Marine Environment, Kuwait; Majed Al Mansouri, Environmental Research and Wildlife Development Agency, United Arab Emirates; Meshal A. Al-Meshan, Kuwait Environment Protection Society, Kuwait; Khawla Al-Obeiden, Environment Public Authority, Kuwait; Fozi Mahmood Al-Okor, Environmental Affairs, Ministry of State for Municipalities Affairs and Environmental Affairs, Bahrain; Mohammed F. Al-Rashed, Kuwait Institute for Scientific Research, Kuwait; Naim Abdel Nabi Al Sa'ud, General Corporation for the Environment Protection, Jordan; Mostafa Al-Sayed, Gulf Petroleum Industries Company, Bahrain; Jasim Mohammed Al-Shammari, Zayed International Prize for the Environment, United Arab Emirates; Abdulrahman Al-Sharhan, Faculty of Science, United Arab Emirates University, United Arab Emirates; Mohamed S. Al-Sheriadeh, Environmental Research, University of Bahrain, Bahrain; Hayel Mansoor Turki Al-Zabin, General Corporation for the Environmental Protection, Oman; Waleed K. Al-Zubari, School of Graduate Studies, Arabian Gulf University, Bahrain; Mohamed Nabil Alaa El-Din, School of Graduate Studies, Arabian Gulf University, Bahrain; Mohamed Ait Belaid, School of Graduate Studies, Arabian Gulf University, Bahrain; Murad Jabay Bino, Inter Islamic Network

on Water Resources Development Management, Jordan; Talat A. Diab, School of Graduate Studies, Arabian Gulf University, Bahrain; Alia El Hussein, IUCN National Committee, Lebanon; Late Osama El-Khouly, Technology Management Graduate Programme, Arabian Gulf University, Bahrain; Najat Ennich, Arab Planning Institute, Kuwait; Khalid M. Fakhro, Environmental Affairs, Ministry of State for Municipalities Affairs and Environmental Affairs, Bahrain; Ali Mohammed Fakhro, Bahrain Centre for Studies and Research, Bahrain; Mohammed Fawzi, Regional Organization for the Conservation of the Marine Environment of the Red Sea and Gulf of Aden, Saudi Arabia; Abdelgawad Gilani, Arab Centre for the Studies of Arid Zones and Dry Lands, Syria; Ahmed Hamed Abu Hilal, University of Bahrain, Bahrain; Asma Ali Aba Hussain, School of Graduate Studies, Arabian Gulf University, Bahrain; Ahmed Kasara, Ministry of State of Environment Affairs, Syria; Adel M. Khalifa, United Arab Emirates; Hratch M. Kouyoumjian, National Council for Scientific Research, Lebanon; Ibrahim Loari, Arabian Gulf University, Bahrain; Mohammed H. Malack, King Fahad University of Petroleum and Minerals, Saudi Arabia; Desiree Chawki Milette, Association of Children's SOS, Lebanon; Saeed Abdulla Mohamed, School of Graduate Studies, Arabian Gulf University, Bahrain; Abdullah Omar Nasseef, King Abdulaziz University, Saudi Arabia; Shambhu Prasad, Gulf Organization for Industrial Consulting, Qatar; Nuri Rohuma, Arab Centre for the Studies of Arid Zones and Drylands, Syria; Yousef Abu Safieh, Ministry of Environmental Affairs, Palestinian National Authority, Occupied Palestinian Territories; Mahboob Hassan Saleh, Federal Environment Agency, United Arab Emirates; Nizar Ibrahim Tawfiq, Meteorology and Environmental Protection Administration, Saudi Arabia; Tayseir M. Toman, Ministry of Environmental Affairs, Occupied Palestinian Territories.

## Programa de las Naciones Unidas para el Medio Ambiente

Hussein Abaza; Adel Farid Abdel-Kader; Mahmood Y. Abdurraheem; Yinka Adebayo; Elik Adler; Johannes Akiwumi; Paul Akiwumi; Jacqueline Aloisi de Lardere; Abdu Gassim Al-Assiri; Abdul Elah Al Wadaee; Basel Al Youf; Alex Alusa; Subramonia Ananthakrishnan; Nirmal Andrews; Issam J. Azouri\*; Marco Barbieri (Secretariat of the Convention on Migratory Species); Françoise Belmont; Hassane Bendahmane\*; Nancy Bennett; Robert Bisset; Cristina Boelcke; Tore Brevik; Amedeo Buonajuti; Lucien Chabason (Coordinating Unit for the Mediterranean Action Plan); Manab Chakraborty\*; Gerard Cunningham; Mark Collins (United Nations Environment Programme World Conservation Monitoring Centre); Nelson Andrade Colmenares (Regional Coordinating Unit for Caribbean Environment Programme); Arthur Lyon Dahl; Ahmed Djoghla; Halifa Drammeh; David Duthie; Omar E. El-Arini (Secretariat of the Multilateral Fund for the Implementation of the Montreal Protocol); Eduardo Ganem (Secretariat of the Multilateral Fund for the Implementation of the Montreal Protocol); Hiremagalur N. B. Gopalan; Michael Graber (Secretariat of the Vienna Convention and the Montreal Protocol); Steve Halls; Mariko Hara; Melanie Hutchinson; Rob Hepworth; Alexander Heydenael (Secretariat of the Convention on Biological Diversity); Tim Higham; Ivonne Higuero; John Hilborn; Arab Hoballah (Coordinating Unit for the Mediterranean Action Plan); Andrei Iatsenia; Jorge Illueca; Beth Ingraham; Steve Jackson; Olivier Jalbert (Secretariat of the Convention on Biological Diversity); Maaikje Jansen; Tim Johnson (United Nations Environment Programme World Conservation Monitoring Centre); Shafqat Kakakhel; James Kamara; Donald Kaniaru; Bakary Kante; Rungano Karimanzira; Levis Kavagi; Jamshed Kazi; Elizabeth Khaka; Jesper Kofoed; Christian Lambrechts; Jean-Pierre Le Danff (Secretariat of the Convention on Biological Diversity); Bert Lenten (Secretariat of the African-Eurasian Waterbird Agreement); Dennis Lisbjerg; Jens Mackensen; William Mansfield; Isabel Martínez Villardel; Elizabeth Migongo-Bake; Beverly Miller; Parastu Mirabzadeh (Secretariat of the Convention on Biological Diversity); Strike Mkandla; Patrick L. M'may; Sylvie Motard; Jo Mulongoy (Secretariat of the Convention on Biological Diversity); Takehiro Nakamura; Nick Nuttall; Charles O. Okidi; Naomi Poulton; Daniel Puig; Anisur Rahman; Nelson Sabogal (Secretariat of the Vienna Convention and the Montreal Protocol); Frits Schlingemann; Ines Schusdziaarra\*; Staff of the Secretariat of the Convention on International Trade of Endangered Species; Megumi Seki; Ravi Sharma; Rajendra Shende; Marcos Silva (Secretariat of the Convention on Biological Diversity); Rossana Silva Repetto; David Smith; Ricardo Sánchez Sosa; Cheikh O. Sow; Luc St Pierre (United Nations Environment Programme Regional

## CONTRIBUYENTES

Coordinating Unit for Caribbean Environment Programme); Heikki Toivonen (Secretariat of the Convention on Biological Diversity); Klaus Töpfer; Beatriz Torres (Secretariat of the Convention on Migratory Species); Sekou Toure; Veerle Vanderweerd; Brennan Van Dyke; Omar Vidal; Marjo Vierros (Secretariat of the Convention on Biological Diversity); John Whitelaw; Willem Wijnstekers (Secretariat of the Convention on International Trade of Endangered Species); Laura E. Williamson; James B. Willis; Hamdallah Zedan (Secretariat of the Convention on Biological Diversity).

### Otros organismos de las Naciones Unidas

Iyad Abomoghli, United Nations Development Programme; Zafar Adeel, The United Nations University; Mohamed Al-Sharif, United Nations Development Programme; J. Bartram, World Health Organization; Nefise Bazoglu, United Nations Human Settlements Programme; Mike Bonell, Secretariat of International Hydrological Programme, United Nations Educational Scientific and Cultural Organization; R. Bos, World Health Organization; Peter Bridgewater, United Nations Educational Scientific and Cultural Organization; Jacob Burke, Food and Agriculture Organization; He Changchui, Food and Agriculture Organization; Patricia Charlebois, Joint United Nations Environment Programme and Office for the Coordination of Humanitarian Affairs; Ralph Chipman, United Nations Department of Economic and Social Affairs; Linda Collette, Food and Agriculture Organization; Carlos Corvalan, World Health Organization; John Crayston, International Civil Aviation Organization; Zoltan Csizer, United Nations Industrial Development Organization; Andriy Demydenko, United Nations Development Programme; Jocelyn Fenard, United Nations Institute for Training and Research; Gilberto C. Gallopín, Division of Environment and Human Settlements, Economic Commission for Latin America and the Caribbean, Chile; Peter T. Gilruth, United Nations Development Programme; Rene Gommès, Food and Agriculture Organization; John Alan Haines, International Programme on Chemical Safety, World Health Organization; John

Harding, United Nations Secretariat for the International Decade for Natural Disaster Reduction; Elena Ivannikova, United Nations Development Programme; Terry Jeggler, United Nations Secretariat for the International Decade for Natural Disaster Reduction; Mohammad Aslam Khan, United Nations Economic and Social Commission for Asia Pacific; Hosny K. Khordagui, United Nations Economic and Social Commission for West Asia; Mikhael Kokine, Environment and Human Settlements Division, United Nations Economic Commission for Europe; Parviz Koohafkan, Food and Agriculture Organization; Leslie Lipper, Food and Agriculture Organization; Joseph Maseland, United Nations Human Settlements Programme; Bettina Menne, World Health Organization; Tim Meredith, World Health Organization; Robert Missotten, United Nations Educational Scientific and Cultural Organization; Jay Moor, United Nations Human Settlements Programme; Freddy Nachtergaele, Food and Agriculture Organization; Verity Nyagah, United Nations Somalia Office; Hisashi Ogawa, World Health Organization Western Pacific Regional Office; Henrik Oksfeldt Enevoldsen, Intergovernmental Oceanographic Commission of United Nations Educational Scientific and Cultural Organization; Elina Palm, United Nations Secretariat for the International Decade for Natural Disaster Reduction; A. Pruess, World Health Organization; M. Repacholi, World Health Organization; Mukul Sanwal, United Nations Framework Convention on Climate Change Secretariat; Zharas Takenov, Sustainable Development Policy, United Nations Development Programme; Hiroyasu Tokuda, Institute of Advanced Studies, The United Nations University, Japan; Etsuko Tsunozaki, United Nations Secretariat for the International Decade for Natural Disaster Reduction; Kwadwo Tutu, Economic Commission for Africa of the United Nations; Sheila Mwanundu, International Fund for Agricultural Development; Yasmin Von Schirnding, World Health Organization; Joke Waller-Hunter, United Nations Framework Convention on Climate Change; Edmund Wolfe, United Nations Somalia Office; Staff of World Meteorological Organization;

Nota: \* ya no ocupa el puesto.

