<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>2SLS</td>
<td>Two Stage Least Square</td>
</tr>
<tr>
<td>AandM</td>
<td>Adaptation and Mitigation</td>
</tr>
<tr>
<td>AAs</td>
<td>Association Agreements (in the ENP framework of the EU)</td>
</tr>
<tr>
<td>ABM</td>
<td>agent-based modeling</td>
</tr>
<tr>
<td>ACF</td>
<td>Arewa Consultative Forum</td>
</tr>
<tr>
<td>ACHR</td>
<td>Asian Centre for Human Rights</td>
</tr>
<tr>
<td>ACLED</td>
<td>Armed Conflict Location and Events Dataset</td>
</tr>
<tr>
<td>ADB</td>
<td>African Development Bank</td>
</tr>
<tr>
<td>ADH</td>
<td>Académie de Droit International Humanitaire</td>
</tr>
<tr>
<td>AF</td>
<td>Adaptation Fund</td>
</tr>
<tr>
<td>AFD</td>
<td>Agence Française de Développement</td>
</tr>
<tr>
<td>AFED</td>
<td>Arab Forum for Environment and Development</td>
</tr>
<tr>
<td>AHDP</td>
<td>Arab Human Development Report</td>
</tr>
<tr>
<td>AIACC</td>
<td>Assessments of Impacts and Adaptations to Climate Change</td>
</tr>
<tr>
<td>AIC</td>
<td>Akaike’s Information Criterion</td>
</tr>
<tr>
<td>AIDS</td>
<td>Acquired Immunodeficiency Syndrome</td>
</tr>
<tr>
<td>AIT</td>
<td>Asian Institute of Technology</td>
</tr>
<tr>
<td>AITT</td>
<td>Academic-Industrial Think Tank</td>
</tr>
<tr>
<td>AMU</td>
<td>Maghreb Union</td>
</tr>
<tr>
<td>An.1</td>
<td>Annex 1 country (UNFCCC)</td>
</tr>
<tr>
<td>An.B</td>
<td>Annex B country (Kyoto Protocol)</td>
</tr>
<tr>
<td>ANHRI</td>
<td>Arabic Network for Human Rights Information</td>
</tr>
<tr>
<td>AOSIS</td>
<td>Alliance of Small Island States</td>
</tr>
<tr>
<td>AQUA-CSP</td>
<td>Concentrating Solar Power for Seawater Desalination (BMU project)</td>
</tr>
<tr>
<td>AR</td>
<td>Assessment Report (IPCC)</td>
</tr>
<tr>
<td>AR5</td>
<td>Fifth Assessment Report of the Intergovernmental Panel on Climate Change (2014)</td>
</tr>
<tr>
<td>Arab League</td>
<td>League of Arab Countries</td>
</tr>
<tr>
<td>ARC</td>
<td>Agriculture Research Centre, Ministry of Agriculture and Land Reclamation, Egypt</td>
</tr>
<tr>
<td>Area A</td>
<td>West Bank areas under Palestinian security and civil affairs control, according to the Oslo Agreement</td>
</tr>
<tr>
<td>Area C</td>
<td>West Bank areas under full Israeli security and civil affairs control, according to the Oslo Agreement</td>
</tr>
<tr>
<td>ASALS</td>
<td>Arid and semi-arid lands</td>
</tr>
<tr>
<td>ASEAN</td>
<td>Association of Southeast Asian Nations</td>
</tr>
<tr>
<td>AU</td>
<td>African Union</td>
</tr>
<tr>
<td>BDT</td>
<td>Bangladesh Taka (Currency)</td>
</tr>
<tr>
<td>BIJ</td>
<td>Bangladesh Institute of International and Strategic Studies</td>
</tr>
<tr>
<td>BIPRC</td>
<td>Barcelona International Peace Resource Center, Barcelona</td>
</tr>
<tr>
<td>BLM</td>
<td>Business Leaders Confidence Index</td>
</tr>
<tr>
<td>BMA</td>
<td>British Medical Association</td>
</tr>
<tr>
<td>BMU</td>
<td>Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit [Federal Ministry for the Environment, Nature Conservation and Nuclear Safety]</td>
</tr>
<tr>
<td>BNLWP</td>
<td>Bradford Non-Lethal Weapons Research Project</td>
</tr>
<tr>
<td>BP</td>
<td>Barcelona Process</td>
</tr>
<tr>
<td>BPS</td>
<td>Badan Pasat Statistik (Central Statistical Agency)</td>
</tr>
<tr>
<td>BRAC</td>
<td>Bangladesh Rural Advancement Committee</td>
</tr>
<tr>
<td>BSSRS</td>
<td>British Society for Social Responsibility in Science</td>
</tr>
<tr>
<td>CA</td>
<td>Israeli military ‘Civil Administration’ (Palestinian civil affairs) in the oPt (1979 ff)</td>
</tr>
<tr>
<td>CAJ</td>
<td>Campaign for the Administration of Justice</td>
</tr>
<tr>
<td>CAMRE</td>
<td>Council of Arab Ministers Responsible for Environment (League of Arab States)</td>
</tr>
<tr>
<td>CARIM</td>
<td>Consortium for Applied Research on International Migration</td>
</tr>
<tr>
<td>CAST</td>
<td>Centre for Advanced Security Theory</td>
</tr>
<tr>
<td>CC</td>
<td>Climate change</td>
</tr>
<tr>
<td>CCAPS</td>
<td>Climate Change and African Political Stability Programme</td>
</tr>
<tr>
<td>CCPI</td>
<td>Climate Change Perception Inventory</td>
</tr>
<tr>
<td>CCS</td>
<td>Carbon Capture and Storage</td>
</tr>
<tr>
<td>CC-SLR</td>
<td>Climate change induced sea level rise</td>
</tr>
<tr>
<td>CDI</td>
<td>Commitment to Development Index</td>
</tr>
<tr>
<td>CIAC</td>
<td>Carbon Dioxide Information Analysis Center</td>
</tr>
<tr>
<td>CDM</td>
<td>Clean Development Mechanism</td>
</tr>
<tr>
<td>CEDARE</td>
<td>Center for Environment and Development for the Arab Region and Europe</td>
</tr>
<tr>
<td>CE-DAT</td>
<td>Complex Emergency Database</td>
</tr>
<tr>
<td>CER</td>
<td>Certified Emissions Reduction</td>
</tr>
<tr>
<td>CFM</td>
<td>community forest management</td>
</tr>
<tr>
<td>CH₄</td>
<td>methane</td>
</tr>
<tr>
<td>CHS</td>
<td>Commission on Human Security (of UN)</td>
</tr>
<tr>
<td>CIA</td>
<td>Central Intelligence Agency</td>
</tr>
<tr>
<td>CIDOB</td>
<td>Foundation in Barcelona</td>
</tr>
<tr>
<td>CIEMAT</td>
<td>Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (Spain) [Centre for Energy, Environment, and Technology Research]</td>
</tr>
<tr>
<td>CIESIN</td>
<td>Center for International Earth Science Information Network (New York)</td>
</tr>
<tr>
<td>CIM</td>
<td>climate-induced migration</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
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</tr>
<tr>
<td>CIRCE</td>
<td>Climate Change and Impact Research: the Mediterranean Environment</td>
</tr>
<tr>
<td>CIRCLE MED</td>
<td>Coping with Climate Change in the Mediterranean: Integrated coastal zone management and water management</td>
</tr>
<tr>
<td>CISEN</td>
<td>Centro de Investigación y Seguridad Nacional [Research Centre and National Security]</td>
</tr>
<tr>
<td>CLAC</td>
<td>Central Laboratory for Agricultural Climate, Agriculture Research Centre (ARC), Ministry of Agriculture and Land Reclamation, Egypt</td>
</tr>
<tr>
<td>CliSAP</td>
<td>Integrated Climate System Analysis and Prediction</td>
</tr>
<tr>
<td>CLISEC</td>
<td>Research Group Climate System Analysis and Security</td>
</tr>
<tr>
<td>CMA</td>
<td>Commissionerate of Municipal Administration</td>
</tr>
<tr>
<td>CMI</td>
<td>Marseille Center for Mediterranean Integration</td>
</tr>
<tr>
<td>CNA</td>
<td>Center for Naval Analysis (USA)</td>
</tr>
<tr>
<td>CNAS</td>
<td>Center for a New American Security</td>
</tr>
<tr>
<td>CNG</td>
<td>Compressed natural gas</td>
</tr>
<tr>
<td>CNRST</td>
<td>Centre National pour la Recherche Scientifique et Technique, Rabat; ENSEM-UH2C Ecole Nationale Supérieure d’Électricité et de Mécanique, Casablanca</td>
</tr>
<tr>
<td>CO₂</td>
<td>carbon dioxide</td>
</tr>
<tr>
<td>CO₂e</td>
<td>carbon dioxide equivalents</td>
</tr>
<tr>
<td>CONAGUA</td>
<td>National Commission of Water (Mexico)</td>
</tr>
<tr>
<td>COP</td>
<td>Conference of the Parties</td>
</tr>
<tr>
<td>COP 15</td>
<td>15th Conference of the Parties of the United Nations Framework Convention on Climate Change (Copenhagen, 2009)</td>
</tr>
<tr>
<td>COP 16</td>
<td>16th COP of the UNFCCC (Cancun, 2010)</td>
</tr>
<tr>
<td>CoS</td>
<td>Copenhagen School</td>
</tr>
<tr>
<td>CRED</td>
<td>Centre for Research on the Epidemiology of Disasters (Université Catholique de Louvain, Belgium)</td>
</tr>
<tr>
<td>CRIM</td>
<td>Regional Multidisciplinary Research Center (of UNAM, Mexico)</td>
</tr>
<tr>
<td>CRU</td>
<td>Climate Research Unit (University of East Anglia)</td>
</tr>
<tr>
<td>CS</td>
<td>Copenhagen School</td>
</tr>
<tr>
<td>CSCE</td>
<td>Conference on Security and Cooperation in Europe</td>
</tr>
<tr>
<td>CSCW</td>
<td>Centre for the Study of Civil War (at PRIO, Oslo, Norway)</td>
</tr>
<tr>
<td>CSD</td>
<td>UN Commission on Sustainable Development</td>
</tr>
<tr>
<td>CSERS</td>
<td>Center for Solar Energy Research and Studies (Tripoli, Libya)</td>
</tr>
<tr>
<td>CSIS</td>
<td>Center for Strategic and International Studies</td>
</tr>
<tr>
<td>CSP</td>
<td>Concentrated Solar Power</td>
</tr>
<tr>
<td>CSS</td>
<td>Copenhagen School of Security Studies</td>
</tr>
<tr>
<td>CSS</td>
<td>Critical Security Studies</td>
</tr>
<tr>
<td>CSS</td>
<td>Council for Science and Society</td>
</tr>
<tr>
<td>CTF</td>
<td>Clean Technology Fund</td>
</tr>
<tr>
<td>CWC</td>
<td>Chemical Weapons Convention</td>
</tr>
<tr>
<td>DCDC</td>
<td>Development, Concepts and Doctrine Centre</td>
</tr>
<tr>
<td>DEM</td>
<td>Digital elevation model</td>
</tr>
<tr>
<td>DEPI</td>
<td>DESERTEC employment/industrialization-policy institute</td>
</tr>
<tr>
<td>DES</td>
<td>demographic and environmental stress</td>
</tr>
<tr>
<td>DESY</td>
<td>Deutsches Elektronen Synchroton</td>
</tr>
<tr>
<td>DF</td>
<td>Degree of freedom</td>
</tr>
<tr>
<td>DFID</td>
<td>Department for International Development (UK)</td>
</tr>
<tr>
<td>DII</td>
<td>Desertec Industrial Initiative</td>
</tr>
<tr>
<td>DLR</td>
<td>German Aerospace Centre</td>
</tr>
<tr>
<td>dn</td>
<td>dunum (also: ‘dunam’) Arabic surface measure, equivalent to 1000 m²</td>
</tr>
<tr>
<td>dn/c</td>
<td>dunum per capita (unit area per inhabitant)</td>
</tr>
<tr>
<td>DoD</td>
<td>Department of Defense (USA)</td>
</tr>
<tr>
<td>DOE</td>
<td>Designated operational entities</td>
</tr>
<tr>
<td>DoE</td>
<td>US Department of Energy</td>
</tr>
<tr>
<td>DPSIR</td>
<td>Driving Force - Pressure - State – Impact - Response</td>
</tr>
<tr>
<td>DRC</td>
<td>Democratic Republic of Congo</td>
</tr>
<tr>
<td>DRR</td>
<td>Disaster risk reduction</td>
</tr>
<tr>
<td>DSR</td>
<td>Driving Force-State-Response (of UN-CSD)</td>
</tr>
<tr>
<td>DUN</td>
<td>Desertec University Network</td>
</tr>
<tr>
<td>EACH-FOR</td>
<td>Environmental Change and Forced Migration Scenarios (EU sponsored research project)</td>
</tr>
<tr>
<td>EAT</td>
<td>event annotation tool</td>
</tr>
<tr>
<td>EB</td>
<td>Executive Board</td>
</tr>
<tr>
<td>EC</td>
<td>Environmental conflict</td>
</tr>
<tr>
<td>EC</td>
<td>European Commission</td>
</tr>
<tr>
<td>ECA</td>
<td>Economic Commission for Africa</td>
</tr>
<tr>
<td>ECE</td>
<td>Economic Commission for Europe</td>
</tr>
<tr>
<td>ECOSOC</td>
<td>Economic and Social Council</td>
</tr>
<tr>
<td>EEA</td>
<td>European Environment Agency</td>
</tr>
<tr>
<td>EEC</td>
<td>European Economic Community</td>
</tr>
<tr>
<td>EEZ</td>
<td>Exclusive Economic Zone</td>
</tr>
<tr>
<td>EF</td>
<td>Ecological Footprint</td>
</tr>
<tr>
<td>EFM</td>
<td>environmentally-forced migration</td>
</tr>
<tr>
<td>EIA</td>
<td>environmental impact assessment</td>
</tr>
<tr>
<td>EIB</td>
<td>European Investment Bank</td>
</tr>
<tr>
<td>EIT</td>
<td>Economics in transition</td>
</tr>
<tr>
<td>Ej</td>
<td>exajoule</td>
</tr>
<tr>
<td>Em-DAT/EMDAT</td>
<td>Emergency Disasters Database (of the Catholic University of Lovain, Brussels)</td>
</tr>
<tr>
<td>EMDT</td>
<td>Electro-Muscular Disruption Technology</td>
</tr>
<tr>
<td>EMP</td>
<td>European Mediterranean Partnership</td>
</tr>
<tr>
<td>EMSA</td>
<td>European Maritime Safety Agency</td>
</tr>
<tr>
<td>ENCOP</td>
<td>Environment and Conflicts Project</td>
</tr>
<tr>
<td>ENIGH</td>
<td>Encuesta Nacional de Ingresos y Gastos de los Hogares (National Survey of Household Income and Expenditure)</td>
</tr>
<tr>
<td>ENP</td>
<td>European Neighbourhood Policy</td>
</tr>
<tr>
<td>ENPI</td>
<td>European Neighbourhood and Partnership Instrument</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Full Form</td>
</tr>
<tr>
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</tr>
<tr>
<td>ENSO</td>
<td>El Niño-Southern Oscillation</td>
</tr>
<tr>
<td>ENVSEC</td>
<td>Environment and Security Initiative (OSCE, UNEP, UNDP, NATO)</td>
</tr>
<tr>
<td>EOLSS</td>
<td>Encyclopaedia for Life Support System (UNESCO)</td>
</tr>
<tr>
<td>EPR</td>
<td>Ethic Power Relations</td>
</tr>
<tr>
<td>EQA</td>
<td>Palestinian Environmental Quality Authority</td>
</tr>
<tr>
<td>ERDA</td>
<td>US Energy and Research Development Administration</td>
</tr>
<tr>
<td>ES</td>
<td>Environmental security</td>
</tr>
<tr>
<td>ESCWA</td>
<td>Economic and Social Commission for Western Asia</td>
</tr>
<tr>
<td>ESDP</td>
<td>European Security and Defence Policy</td>
</tr>
<tr>
<td>ESS</td>
<td>European Security Strategy (of 2003)</td>
</tr>
<tr>
<td>ET</td>
<td>Environmental threat</td>
</tr>
<tr>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>EUMENA</td>
<td>European Union, Middle East and North Africa</td>
</tr>
<tr>
<td>EpraMesco</td>
<td>Euro-Mediterranean Study Commission</td>
</tr>
<tr>
<td>EVI</td>
<td>Enhanced Vegetation Index</td>
</tr>
<tr>
<td>FAO</td>
<td>United Nations Food and Agriculture Organisation</td>
</tr>
<tr>
<td>FBIS</td>
<td>Foreign Broadcast Information Service</td>
</tr>
<tr>
<td>FCO</td>
<td>Foreign and Commonwealth Office</td>
</tr>
<tr>
<td>FCPF</td>
<td>Forest Carbon Partnership Facility</td>
</tr>
<tr>
<td>FDI</td>
<td>Foreign Direct Investments</td>
</tr>
<tr>
<td>FEMIP</td>
<td>Facility for Euro-Mediterranean Investment and Partnership</td>
</tr>
<tr>
<td>FENB</td>
<td>Fixed Effects Negative Binomial</td>
</tr>
<tr>
<td>FoEME</td>
<td>Friends of the Earth, Middle East (NGO in Israel, Jordan, Palestinian Territories)</td>
</tr>
<tr>
<td>FOI</td>
<td>Totalförsvarets forskningsinstitut (Swedish Defense Research Agency)</td>
</tr>
<tr>
<td>FPP</td>
<td>Forest Project Protocol</td>
</tr>
<tr>
<td>FRSC</td>
<td>Forum Region Security Committee</td>
</tr>
<tr>
<td>FSC</td>
<td>Forest Stewardship Council</td>
</tr>
<tr>
<td>FSI</td>
<td>Floor Space Index</td>
</tr>
<tr>
<td>FSM</td>
<td>Federated States of Micronesia</td>
</tr>
<tr>
<td>G5</td>
<td>Group of 5 (five largest emerging economies: Brazil, China, India, Mexico, South Africa)</td>
</tr>
<tr>
<td>G8</td>
<td>Group of eight (major industrialized countries: Canada, France, Germany, Italy, Japan, Russia, UK, US)</td>
</tr>
<tr>
<td>G20</td>
<td>Group of the world’s largest economies</td>
</tr>
<tr>
<td>G77</td>
<td>Group of 77 (and China)</td>
</tr>
<tr>
<td>GA</td>
<td>General Assembly</td>
</tr>
<tr>
<td>GAM</td>
<td>Global Acute Malnutrition</td>
</tr>
<tr>
<td>GCC</td>
<td>Gulf Cooperation Council</td>
</tr>
<tr>
<td>GCP</td>
<td>Gross Cell Product</td>
</tr>
<tr>
<td>GDP</td>
<td>gross domestic product</td>
</tr>
<tr>
<td>GEC</td>
<td>global environmental change</td>
</tr>
<tr>
<td>GECHS</td>
<td>Global Environmental Change and Human Security</td>
</tr>
<tr>
<td>GEF</td>
<td>Global Environment Facility</td>
</tr>
<tr>
<td>GEO</td>
<td>Global Environmental Outlook</td>
</tr>
<tr>
<td>GeoEPR</td>
<td>Ethnic Power Relations</td>
</tr>
<tr>
<td>GFDRR</td>
<td>Global Facility for Disaster Risk Reduction and Recovery</td>
</tr>
<tr>
<td>GFN</td>
<td>Global Footprint Network</td>
</tr>
<tr>
<td>GHF</td>
<td>Global Humanitarian Forum</td>
</tr>
<tr>
<td>GHG</td>
<td>greenhouse gas(es)</td>
</tr>
<tr>
<td>GIS</td>
<td>Geographic information systems</td>
</tr>
<tr>
<td>GIVAS</td>
<td>UN Global and Vulnerability Alert System</td>
</tr>
<tr>
<td>GIZ</td>
<td>German Gesellschaft für Internationale Zusammenarbeit</td>
</tr>
<tr>
<td>GKMA</td>
<td>Greater Kampala Metropolitan Area</td>
</tr>
<tr>
<td>GLADA</td>
<td>Global Assessment of Land Degradation and Improvement</td>
</tr>
<tr>
<td>GLASOD</td>
<td>The Global Assessment of Human Induced Soil Degradation</td>
</tr>
<tr>
<td>GLOWA</td>
<td>Global Water - Jordan River Project (coordinated in Tübingen, Germany)</td>
</tr>
<tr>
<td>GNI</td>
<td>Gross National Income</td>
</tr>
<tr>
<td>GOB</td>
<td>Government of Bangladesh</td>
</tr>
<tr>
<td>GPCC</td>
<td>Global Precipitation Climatology Centre</td>
</tr>
<tr>
<td>GRID-Arendal</td>
<td>collaborating centre of the United Nations Environment Programme (UNEP)</td>
</tr>
<tr>
<td>GTZ</td>
<td>German Technical Cooperation, Eschborn, Germany</td>
</tr>
<tr>
<td>GW</td>
<td>gigawatt</td>
</tr>
<tr>
<td>Haifa U</td>
<td>Haifa University</td>
</tr>
<tr>
<td>HCF</td>
<td>Chlorodifluoromethane or difluoromonochloromethane is a hydrochlorofluorocarbon</td>
</tr>
<tr>
<td>HIIK</td>
<td>Heidelberg Institute for International Conflict Research</td>
</tr>
<tr>
<td>HIV/AIDS</td>
<td>Human Immunodeficiency Virus – Acquired Immunodeficiency Syndrome</td>
</tr>
<tr>
<td>HKF</td>
<td>Hamburg Climate Protection Fund</td>
</tr>
<tr>
<td>HRA</td>
<td>High risk area</td>
</tr>
<tr>
<td>HRH</td>
<td>His Royal Highness</td>
</tr>
<tr>
<td>HRW</td>
<td>Human Rights Watch</td>
</tr>
<tr>
<td>HSI</td>
<td>Hydrological Service of Israel</td>
</tr>
<tr>
<td>HSN</td>
<td>Human Security Network</td>
</tr>
<tr>
<td>HUGE</td>
<td>human, gender, and environmental security</td>
</tr>
<tr>
<td>HVDC</td>
<td>high-voltage direct currents</td>
</tr>
<tr>
<td>HWE</td>
<td>House of Water and Environment (Palestinian Water NGO, Ramallah)</td>
</tr>
<tr>
<td>IA</td>
<td>International Alert</td>
</tr>
<tr>
<td>IACP</td>
<td>International Association of Chiefs of Police</td>
</tr>
<tr>
<td>IARU</td>
<td>International Alliance of Research Universities</td>
</tr>
<tr>
<td>IASC</td>
<td>Inter-Agency Standing Committee</td>
</tr>
<tr>
<td>IBRD</td>
<td>International Bank for Reconstruction and Development or World Bank</td>
</tr>
<tr>
<td>ICE</td>
<td>Inventory of Conflict &amp; Environment</td>
</tr>
<tr>
<td>ICI</td>
<td>Istanbul Cooperation Initiative</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>--------------</td>
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</tr>
<tr>
<td>ICISS</td>
<td>International Commission on Intervention and State Sovereignty</td>
</tr>
<tr>
<td>ICJ</td>
<td>International Court of Justice</td>
</tr>
<tr>
<td>ICRAC</td>
<td>International Committee for Armed Robots Control</td>
</tr>
<tr>
<td>ICRC</td>
<td>International Committee of the Red Cross</td>
</tr>
<tr>
<td>ICZM</td>
<td>Integrated Coastal Zone Management</td>
</tr>
<tr>
<td>IDF</td>
<td>Israeli Defence Forces</td>
</tr>
<tr>
<td>IDNDR</td>
<td>International Decade for Natural Disaster Reduction</td>
</tr>
<tr>
<td>IDP</td>
<td>internally displaced people</td>
</tr>
<tr>
<td>IEA</td>
<td>International Energy Agency</td>
</tr>
<tr>
<td>IEMed</td>
<td>European Institute of the Mediterranean (Barcelona)</td>
</tr>
<tr>
<td>iEVI</td>
<td>integrated EVI</td>
</tr>
<tr>
<td>IFAD</td>
<td>International Fund for Agriculture and Development</td>
</tr>
<tr>
<td>IFIs</td>
<td>international financial institutions</td>
</tr>
<tr>
<td>IHDP</td>
<td>International Human Dimensions Programme</td>
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<tr>
<td>IIEED</td>
<td>International Institute for the Environment and Development</td>
</tr>
<tr>
<td>IISS</td>
<td>International Institute for Strategic Studies</td>
</tr>
<tr>
<td>IMF</td>
<td>International Monetary Fund</td>
</tr>
<tr>
<td>IMR</td>
<td>infant mortality rate</td>
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<tr>
<td>INC</td>
<td>Israel’s 2nd National Communication on Climate Change</td>
</tr>
<tr>
<td>INE</td>
<td>Instituto Nacional de Ecología [National Institute of Ecology, Mexico]</td>
</tr>
<tr>
<td>INEGI</td>
<td>Instituto Nacional de Estadísticas y Geografía e Informática [National Institute for Statistics and Geography, Mexico]</td>
</tr>
<tr>
<td>IOM</td>
<td>International Organization for Migration</td>
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<tr>
<td>IPCC</td>
<td>Intergovernmental Panel on Climate Change</td>
</tr>
<tr>
<td>IPCC WG II</td>
<td>Intergovernmental Panel on Climate Change, Working Group II</td>
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<td>IPCRI</td>
<td>Israeli/Palestine Centre for Research and Information (NGO, Jerusalem)</td>
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<td>IR</td>
<td>International Relations</td>
</tr>
<tr>
<td>IRENA</td>
<td>International Renewable Energy Agency</td>
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<tr>
<td>IRIN</td>
<td>Integrated Regional Information Network</td>
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<tr>
<td>ISDR</td>
<td>United Nations International Strategy for Disaster Reduction</td>
</tr>
<tr>
<td>ISODARCO</td>
<td>International School on Disarmament and Research on Conflicts</td>
</tr>
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<td>Isr</td>
<td>Israel</td>
</tr>
<tr>
<td>IWA</td>
<td>Israeli Water Authority</td>
</tr>
<tr>
<td>IWC</td>
<td>Water Commission of Israel, State of Israel, Ministry of National Infrastructures - now: IWA</td>
</tr>
<tr>
<td>IWRM</td>
<td>Integrated Water Resources Management</td>
</tr>
<tr>
<td>JHU</td>
<td>Johns Hopkins University</td>
</tr>
<tr>
<td>Ji</td>
<td>Joint Implementation</td>
</tr>
<tr>
<td>JNF</td>
<td>Jewish National Fund</td>
</tr>
<tr>
<td>JNLWD</td>
<td>Joint Non-Lethal Weapons Directorate</td>
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<td>JPost</td>
<td>'Jerusalem Post' - Israeli English-language daily newspaper</td>
</tr>
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<td>JWC</td>
<td>Israeli/Palestinian 'Joint Water Committee' ('Council') under Oslo-II</td>
</tr>
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<td>KAUST</td>
<td>King Abdullah University of Science and Technology</td>
</tr>
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<td>KCC</td>
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</tr>
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<td>KEDS</td>
<td>Kansas Event Data System</td>
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<td>KEPCO</td>
<td>Korea Electric Power Corporation</td>
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<td>KfW</td>
<td>Kreditanstalt für Wiederaufbau (German Reconstruction Bank)</td>
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<td>KIIDP</td>
<td>Kampala Institutional and Infrastructure Development Project KOSIMOdatabas of the Heidelberg Institute for International Conflict Research</td>
</tr>
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<td>Koninklijk Nederlands Meteorologisch Instituut [Royal Dutch Meteorological Institute, The Netherlands]</td>
</tr>
<tr>
<td>KP</td>
<td>Kyoto Protocol</td>
</tr>
<tr>
<td>KW</td>
<td>kilowatt</td>
</tr>
<tr>
<td>KWh</td>
<td>kilowatt-hour</td>
</tr>
<tr>
<td>l/c/d</td>
<td>litres per capita per day (daily per capita rate)</td>
</tr>
<tr>
<td>l/d</td>
<td>litres per day (daily rate)</td>
</tr>
<tr>
<td>LBJ</td>
<td>Lyndon B. Johnson, former US President</td>
</tr>
<tr>
<td>LDCF</td>
<td>Least Developed Countries Fund</td>
</tr>
<tr>
<td>LRAU</td>
<td>Long-Range Analysis Unit (of NIC, CIA in the USA)</td>
</tr>
<tr>
<td>LUCF</td>
<td>land-use changes and forestry</td>
</tr>
<tr>
<td>LULUCF</td>
<td></td>
</tr>
<tr>
<td>m/yr</td>
<td>metres per year</td>
</tr>
<tr>
<td>m³/c/yr</td>
<td>cubic metres per capita per year (annual per capita rate)</td>
</tr>
<tr>
<td>MA</td>
<td>Millennium Ecosystem Assessment</td>
</tr>
<tr>
<td>M-Aff</td>
<td>Mean of Affective Items</td>
</tr>
<tr>
<td>MAP</td>
<td>Mediterranean Action Plan</td>
</tr>
<tr>
<td>MARISS</td>
<td>Maritime Security Service Project</td>
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<td>Masen</td>
<td>Moroccan Agency for Solar Energy</td>
</tr>
<tr>
<td>MCCI</td>
<td>Mediterranean Climate Change Initiative</td>
</tr>
<tr>
<td>mcm</td>
<td>million cubic metres</td>
</tr>
<tr>
<td>mcm/yr</td>
<td>million cubic metres per year, annual rate</td>
</tr>
<tr>
<td>M-Cog</td>
<td>Mean of Cognitive Items</td>
</tr>
<tr>
<td>M-Con</td>
<td>Mean of Conative Items</td>
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<tr>
<td>MCSD</td>
<td>Mediterranean Committee on Sustainable Development</td>
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<td>MD</td>
<td>NATO’s Mediterranean Dialogue</td>
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<td>ME</td>
<td>Middle East</td>
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<tr>
<td>MED-CSP</td>
<td>Concentrating Solar Power for the Mediterranean Region (BMU project)</td>
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<td>MED-EMIP</td>
<td>Euro-Mediterranean Energy Market Integration Project</td>
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<tr>
<td>MED-ENEC II</td>
<td>Energy efficiency in construction</td>
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<td>MED-REG II</td>
<td>Energy regulators</td>
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<td>MEDSEC</td>
<td>Mediterranean Environmental Security Initiative</td>
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<tr>
<td>MEHSEC</td>
<td>Mediterranean Environmental and Human Security Initiative</td>
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<tr>
<td>Abbreviation</td>
<td>Description</td>
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<tr>
<td>MEMR</td>
<td>Ministry of the Environment and Natural Resource of Kenya</td>
</tr>
<tr>
<td>MENA</td>
<td>Middle East and North Africa</td>
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<tr>
<td>MER</td>
<td>Market Exchange Rate</td>
</tr>
<tr>
<td>METAP</td>
<td>Mediterranean Environment Technical Assistance Programme</td>
</tr>
<tr>
<td>mm</td>
<td>millimetres</td>
</tr>
<tr>
<td>mm/yr</td>
<td>millimetres per year; annual rate of precipitation (mm/a)</td>
</tr>
<tr>
<td>MMO</td>
<td>Mediterranean Migration Observatory</td>
</tr>
<tr>
<td>MO</td>
<td>Military Order - Decree, issued by the Israeli occupation forces such as the IDF</td>
</tr>
<tr>
<td>MoD</td>
<td>Ministry of Defence</td>
</tr>
<tr>
<td>MODIS</td>
<td>Moderate resolution Imaging Spectroradiometer</td>
</tr>
<tr>
<td>MoU</td>
<td>Memorandum of understanding</td>
</tr>
<tr>
<td>MPCs</td>
<td>Mediterranean partners for cooperation</td>
</tr>
<tr>
<td>MRV</td>
<td>measure report verify; or: Measurement, Reporting and Verification standards</td>
</tr>
<tr>
<td>MSL</td>
<td>Mean sea level</td>
</tr>
<tr>
<td>MSP</td>
<td>Mediterranean Solar Plan</td>
</tr>
<tr>
<td>MW</td>
<td>megawatt</td>
</tr>
<tr>
<td>MWe</td>
<td>megawatt (electricity)</td>
</tr>
<tr>
<td>MMO</td>
<td>Mediterranean Migration Observatory</td>
</tr>
<tr>
<td>MO</td>
<td>Military Order - Decree, issued by the Israeli occupation forces such as the IDF</td>
</tr>
<tr>
<td>MoD</td>
<td>Ministry of Defence</td>
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<tr>
<td>MODIS</td>
<td>Moderate resolution Imaging Spectroradiometer</td>
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<tr>
<td>MoU</td>
<td>Memorandum of understanding</td>
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<td>MPCs</td>
<td>Mediterranean partners for cooperation</td>
</tr>
<tr>
<td>MRV</td>
<td>measure report verify; or: Measurement, Reporting and Verification standards</td>
</tr>
<tr>
<td>MSL</td>
<td>Mean sea level</td>
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<tr>
<td>MSP</td>
<td>Mediterranean Solar Plan</td>
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<tr>
<td>MW</td>
<td>megawatt</td>
</tr>
<tr>
<td>MWe</td>
<td>megawatt (electricity)</td>
</tr>
<tr>
<td>N2O</td>
<td>nitrous oxide</td>
</tr>
<tr>
<td>NA</td>
<td>North Africa</td>
</tr>
<tr>
<td>NAFTA</td>
<td>North American Free Trade Agreement</td>
</tr>
<tr>
<td>NAM</td>
<td>Non-Aligned Movement</td>
</tr>
<tr>
<td>NAPA</td>
<td>National Adaptation Programme of Action</td>
</tr>
<tr>
<td>NATO</td>
<td>North Atlantic Treaty Organization</td>
</tr>
<tr>
<td>NBAR</td>
<td>Nadir Bi-directionally Adjusted Reflectance</td>
</tr>
<tr>
<td>NC</td>
<td>National Communication (UNFCCC)</td>
</tr>
<tr>
<td>NDi</td>
<td>Northern Defence Industries</td>
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<tr>
<td>NDRD</td>
<td>GCC Network for Drylands Research and Development</td>
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<tr>
<td>NEMA</td>
<td>National Environment Management Authority</td>
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<td>NGO</td>
<td>non-governmental organization</td>
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<td>NIC</td>
<td>US National Intelligence Council</td>
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<tr>
<td>NLP</td>
<td>natural language processing</td>
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<td>NSS</td>
<td>National Solar Systems</td>
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<tr>
<td>NTF-PSI</td>
<td>Norwegian Trust Fund Private Sector and Infrastructure</td>
</tr>
<tr>
<td>NWC</td>
<td>National Water Carrier (basin transfer of the Upper Jordan to the coast in Israel)</td>
</tr>
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<td>NWP</td>
<td>Nairobi Work Programme</td>
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<tr>
<td>OAU</td>
<td>Organization of African Unity</td>
</tr>
<tr>
<td>ODA</td>
<td>Official Development Assistance</td>
</tr>
<tr>
<td>ODI</td>
<td>Overseas Development Institute, UK</td>
</tr>
<tr>
<td>ODUSD-ES</td>
<td>Office of Deputy Under-Secretary of Defense for Environmental Security</td>
</tr>
<tr>
<td>OECD</td>
<td>Organization for Economic Co-operation and Development</td>
</tr>
<tr>
<td>OLS</td>
<td>Ordinary least square</td>
</tr>
<tr>
<td>OPCW</td>
<td>Organization for the Prevention of Chemical Warfare</td>
</tr>
<tr>
<td>OPEC</td>
<td>Organization of Petroleum Exporting Countries</td>
</tr>
<tr>
<td>OPT</td>
<td>Occupied Palestinian Territories</td>
</tr>
<tr>
<td>oPt</td>
<td>occupied Palestinian territories (West Bank and Gaza Strip, 1967 ff.)</td>
</tr>
<tr>
<td>OSCE</td>
<td>Organization for Security and Co-operation in Europe</td>
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<tr>
<td>Oslo</td>
<td>Oslo-II: The Israeli-Palestinian Interim Agreement on the West Bank and Gaza Strip (Washington, 1995)</td>
</tr>
<tr>
<td>Pal</td>
<td>Palestinian</td>
</tr>
<tr>
<td>PAN</td>
<td>Party of National Action (Mexico)</td>
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<tr>
<td>PC</td>
<td>Per capita</td>
</tr>
<tr>
<td>RGDP</td>
<td>Regional Gross Domestic Product</td>
</tr>
<tr>
<td>PCA</td>
<td>Principal Component Analysis</td>
</tr>
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<td>PCF</td>
<td>chlorofluorocarbon</td>
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<tr>
<td>PEISOR</td>
<td>pressure, effect, impact, societal outcome, and response model</td>
</tr>
<tr>
<td>PHG</td>
<td>Palestinian Hydrology Group (NGO in the West Bank and Gaza)</td>
</tr>
<tr>
<td>PIK</td>
<td>Potsdam Institute on Climate Change Impacts</td>
</tr>
<tr>
<td>PMT</td>
<td>protection motivation theory</td>
</tr>
<tr>
<td>PNG</td>
<td>Papua New Guinea</td>
</tr>
<tr>
<td>PNNL</td>
<td>Pacific Northwest National Laboratory</td>
</tr>
<tr>
<td>PODES</td>
<td>Suri Potensi Desa (Village Potential Survey)</td>
</tr>
<tr>
<td>PPP</td>
<td>Purchasing Power Parity</td>
</tr>
<tr>
<td>PPRD</td>
<td>Prevention, Preparedness and Response to Natural and Man-made Disasters Programme</td>
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<tr>
<td>PRB</td>
<td>Population Reference Bureau</td>
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<tr>
<td>PRI</td>
<td>Party of the Institutionalized Revolution (Mexico)</td>
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<td>PRIO</td>
<td>International Peace Research Institute, Oslo</td>
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<tr>
<td>PSA</td>
<td>Plataforma Solar de Almeria (Solar Test Station in Almeria, Spain)</td>
</tr>
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<td>PSIDS</td>
<td>Pacific Small Island Development States</td>
</tr>
<tr>
<td>PSR</td>
<td>Pressure-State-Response model of OECD</td>
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<tr>
<td>PV</td>
<td>photovoltaic</td>
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<td>PWA</td>
<td>Palestinian Water Authority, Ramallah, West Bank, oPt (since 1996)</td>
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<td>R&amp;D</td>
<td>research and development</td>
</tr>
<tr>
<td>RBAS</td>
<td>Regional Bureau for Arab States</td>
</tr>
<tr>
<td>RCM</td>
<td>Regional Climate Model</td>
</tr>
<tr>
<td>RCM</td>
<td>Regional Circulation Model</td>
</tr>
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<td>RE</td>
<td>renewable energy</td>
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<td>REDD+</td>
<td>Reducing Emissions from Deforestation and Forest Degradation</td>
</tr>
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<td>RENB</td>
<td>Random Effects Negative Binomial</td>
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<td>RESC</td>
<td>Regional Environmental Security Complex</td>
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<tr>
<td>RICARME</td>
<td>Research on Global Change in the Mediterranean</td>
</tr>
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<td>ROC</td>
<td>Receiver Operating Characteristic</td>
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<td>ROMIS</td>
<td>revenue optimized market introductions strategy</td>
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<td>ROW</td>
<td>right-of-way</td>
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<td>RSC</td>
<td>Regional Security Complex</td>
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<td>RSCT</td>
<td>Regional Security Complex Theory</td>
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<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>RUSI</td>
<td>Royal United Services Institute (UK)</td>
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<tr>
<td>RVCC</td>
<td>Reducing vulnerability to climate change</td>
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<td>RZ</td>
<td>Risk zone</td>
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<td>SAKERNAS</td>
<td>Survei Angkatan Kerja Nasional [National Labour Force Survey] (Indonesia)</td>
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<td>Second Assessment Report of the Intergovernmental Panel on Climate Change</td>
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<td>SC</td>
<td>Security Council</td>
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<td>SCAD</td>
<td>Social Conflict in Africa Database</td>
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<td>SCCF</td>
<td>Special Climate Change Fund UN - United Nations</td>
</tr>
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<td>SCE</td>
<td>Southern California Edison</td>
</tr>
<tr>
<td>SCV</td>
<td>variability in land surface attributes</td>
</tr>
<tr>
<td>SEED</td>
<td>Sustainability Education and Economic Development Center, LBJ School of Public Affairs</td>
</tr>
<tr>
<td>SEGOB</td>
<td>Secretaría de Gobernación [Ministry of the Interior, Mexico]</td>
</tr>
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<td>SEG</td>
<td>Solar Electric Generation Systems</td>
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<td>SEI</td>
<td>Stockholm Environment Institute</td>
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<td>SESAME</td>
<td>Southermmost European Seas: Evaluation and Modelling of Ecosystem Change</td>
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<td>SF</td>
<td>Sulphur hexafluoride</td>
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<td>SFM</td>
<td>Sustainable Forest Management</td>
</tr>
<tr>
<td>SG</td>
<td>Secretary-General</td>
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<tr>
<td>SGVI</td>
<td>Standard Growth Value Index</td>
</tr>
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<td>SID</td>
<td>Societal Infrastructures and Development Project</td>
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<td>SIDA</td>
<td>Swedish International Development Cooperation Agency</td>
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<td>SIDS</td>
<td>Small Island Development States</td>
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<td>Servicio de Información y Noticias Científicas [Information Service and Scientific News]</td>
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<td>SIRuS</td>
<td>Superfluous Injury or Unnecessary Suffering Project</td>
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<td>SLR</td>
<td>Sea-level rise</td>
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<td>SMAP</td>
<td>Short- and Medium-term Priority Environment Action Programme</td>
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<td>Sovereign Order of the Military Hospitaller Order of St John of Jerusalem, of Rhodes and of Malta</td>
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<td>SNA</td>
<td>social network analysis</td>
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<td>climate model simulation</td>
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<td>SPEED</td>
<td>Social, Political, and Economic Event Database Project</td>
</tr>
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<td>SPI</td>
<td>Standardized Precipitation Index</td>
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<td>SPLA</td>
<td>Sudan People’s Liberation Army</td>
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<td>SPM</td>
<td>Summary for Policymakers (IPCC reports)</td>
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<td>Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (IPCC Special Report, 2011)</td>
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<td>Renewable Energy Sources and Climate Change Mitigation (IPCC Special Report, 2011)</td>
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<td>SSP</td>
<td>Societal Stability Protocol</td>
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<td>SST</td>
<td>sea surface temperature</td>
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<td>START</td>
<td>Global Change System for Analysis, Research and Training</td>
</tr>
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<td>Energies Renoutables (Tunisia)</td>
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<td>Survei Sosial Ekonomi Nasional [National Socio-economic Survey]</td>
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<td>Summary of World Broadcasts</td>
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<td>SWB</td>
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<td>Sovereign Wealth Fund</td>
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<td>Third Assessment Report (of IPCC, 2001)</td>
</tr>
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<td>TEN</td>
<td>Trans-European Networks</td>
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<tr>
<td>TEPCO</td>
<td>Tokyo Electric Power Company</td>
</tr>
<tr>
<td>TERI</td>
<td>The Energy and Resources Institute</td>
</tr>
<tr>
<td>TFESSD</td>
<td>Trust Fund for Environmentally and Socially Sustainable Development</td>
</tr>
<tr>
<td>TFG</td>
<td>Transitional Federal Government</td>
</tr>
<tr>
<td>TIA</td>
<td>total impervious area</td>
</tr>
<tr>
<td>TRANS-CSP</td>
<td>Trans-Mediterranean Interconnections for Concentrating Solar Power (BMU project)</td>
</tr>
<tr>
<td>TREC</td>
<td>Trans-Mediterranean Renewable Energy Cooperation</td>
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<tr>
<td>TWAS</td>
<td>Third World Academy of Sciences</td>
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<tr>
<td>UAE</td>
<td>United Arab Emirates</td>
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<tr>
<td>UCDP</td>
<td>Uppsala Conflict Data Programme</td>
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<tr>
<td>UDES</td>
<td>Unité de Développement des Equipements Solaires [Unit for the Development of Solar Equipment]</td>
</tr>
<tr>
<td>UEA</td>
<td>University of East Anglia (UK)</td>
</tr>
<tr>
<td>UIM</td>
<td>Union for the Mediterranean</td>
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<tr>
<td>UK</td>
<td>United Kingdom</td>
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<tr>
<td>UN</td>
<td>United Nations</td>
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<tr>
<td>UNAM</td>
<td>National Autonomous University of Mexico</td>
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<tr>
<td>UNCED</td>
<td>United Nations Conference on Environment and Development</td>
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<tr>
<td>UNCHE</td>
<td>United Nations Conference on the Human Environment</td>
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<tr>
<td>UN-CSV</td>
<td>United Nations Commission on Sustainable Development</td>
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<tr>
<td>UNDDA</td>
<td>United Nations Department of Disarmament Affairs</td>
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<tr>
<td>UNDESA</td>
<td>United Nations Department of Economic and Social Affairs</td>
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<tr>
<td>UNDP</td>
<td>United Nations Development Programme</td>
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<tr>
<td>UNEP</td>
<td>United Nations Environment Programme</td>
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<tr>
<td>UNESCO</td>
<td>United Nations Educational, Scientific and Cultural Organization</td>
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<tr>
<td>UNFCCC</td>
<td>United Nations Framework Convention on Climate Change</td>
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<tr>
<td>UNGA</td>
<td>United Nations General Assembly</td>
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<tr>
<td>UNHCR</td>
<td>United Nations High Commissioner for Refugees</td>
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<tr>
<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>UNISDR</td>
<td>United Nations International Strategy for Disaster Reduction</td>
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<tr>
<td>UNODC</td>
<td>United Nations Office on Drugs and Crime</td>
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<tr>
<td>UNPD</td>
<td>United Nations Population Division</td>
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<tr>
<td>UNSC</td>
<td>United Nations Security Council</td>
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<tr>
<td>UNSFIR</td>
<td>United Nations Support Facility for Indonesian Recovery</td>
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<tr>
<td>UNSG</td>
<td>United Nations Secretary-General</td>
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<tr>
<td>UNU-EHS</td>
<td>United Nations University, Institute for Environment and Human Security in Bonn</td>
</tr>
<tr>
<td>UNU-WIDER</td>
<td>World Institute for Development Research of the United Nations University (Helsinki, Finland)</td>
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<tr>
<td>UNWFP</td>
<td>United Nations World Food Programme</td>
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<tr>
<td>UP</td>
<td>Union Parishad (lowest tier of local government in Bangladesh)</td>
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<tr>
<td>US NSS</td>
<td>United States National Security Strategy</td>
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<tr>
<td>US</td>
<td>United States of America</td>
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<tr>
<td>USA</td>
<td>United States of America</td>
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<tr>
<td>USAID</td>
<td>United States Agency for International Development</td>
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<tr>
<td>USD (US$)</td>
<td>United States Dollar</td>
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<tr>
<td>USTO</td>
<td>Université des Sciences et de la Technologie d'Oran, Oran [Scientific and Technical University of Oran] (Algeria)</td>
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<tr>
<td>VCAPS</td>
<td>Values and Capabilities of Action paths and Priorities in System Environments</td>
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<td>VCX</td>
<td>value-cost-system</td>
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<tr>
<td>VIF</td>
<td>Variance inflation factor</td>
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<tr>
<td>VRIM</td>
<td>Vulnerability-Resilience Indicator Model</td>
</tr>
<tr>
<td>VU</td>
<td>Free University Amsterdam</td>
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<tr>
<td>WANA</td>
<td>West Asia and North Africa</td>
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<tr>
<td>WB</td>
<td>World Bank</td>
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<tr>
<td>WBGU</td>
<td>Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen [German Advisory Council on Global Change]</td>
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<tr>
<td>WCC</td>
<td>World Council of Churches</td>
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<td>WCED</td>
<td>World Commission on Environment and Development</td>
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<tr>
<td>WDI</td>
<td>World Development Indicators</td>
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<tr>
<td>WEU</td>
<td>Western European Union</td>
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<tr>
<td>WG</td>
<td>Working Group (of IPCC)</td>
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<tr>
<td>WGI</td>
<td>Worldwide Governance Indicators</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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<tr>
<td>WMO</td>
<td>World Meteorological Organization</td>
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<tr>
<td>WP</td>
<td>Nairobi Work Programme ODA - Official Development Assistance</td>
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<tr>
<td>WSTA</td>
<td>Water Science and Technology Association</td>
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<tr>
<td>WTO</td>
<td>World Trade Organization</td>
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<tr>
<td>WW</td>
<td>wastewater</td>
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<td>yr</td>
<td>year</td>
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</table>
Biographies of Authors of Forewords

Olusegun Obasanjo (Nigeria); Chief Promoter, Centre for Human Security, Olusegun Obasanjo Presidential Library. He served as Nigeria’s military Head of State (1976–1979) and President (1999–2007). He recently concluded service as Special Envoy to the Secretary General of the United Nations to the Great Lakes Region of Africa (2008–2009). He is a focal point of consultation by world leaders on matters affecting the African continent. He was Co-Chairman of the Commonwealth Eminent Persons Group on South Africa (1986); Chairperson-in-Office, Commonwealth of Nations (2003–2005); Chairperson, African Union Assembly of Heads of States and Governments (2004–2006). He also chaired the Group of 77. He is a founding member of the Inter-Action Council, a coalition of former heads of states and presidents. He is a member of the African Progress Panel and a regular participant of the Clinton Global Summit. He is also a member of the Club of Madrid. President Obasanjo played a pivotal role in the regeneration and re-positioning of the African Union – with the African Peer Review Mechanism (APRM) designed to engender and promote the ideals of democracy and good governance, and the New Partnership for Africa’s Development (NEPAD). He has consistently supported the deepening and widening of regional cooperation through the Economic Community of West African States (ECOWAS) and the Co-prosperity Alliance Zone incorporating Benin, Ghana, Nigeria, and Togo. He chaired the African Heads of State and Government Implementation Committee on the New Partnership for Africa’s Development (NEPAD) and recently led the African Union delegation to monitor the Togolese general elections as Head of Delegation (2010). President Obasanjo was also involved in international mediation efforts in Namibia, Angola, South Africa, Mozambique and Burundi. He founded the Africa Leadership Forum in 1988 and the Centre for Human Security in 2009.

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Website: <www.ooplfoundation.org>.

Connie Hedegaard (Denmark) had already been working with climate issues for several years by the time she began her appointment as the EU’s first ever Commissioner for Climate Action in February 2010. In August 2004 she was appointed as Danish Minister for the Environment. In 2007 she was in charge of setting up the Danish Ministry of Climate and Energy, where one of the main tasks was to prepare the UN Climate Conference in Copenhagen in December 2009. Connie Hedegaard began her political career as a student at the University of Copenhagen. There she studied literature and history while at the same time pursuing a political career that encompassed both Danish and international politics. In 1984, at the age of 23, she was elected to the Danish Parliament as a member for the Conservative People’s Party, thereby becoming the youngest Danish MP ever at that time, and in 1985 she became Chair of the Atlantic Association of Young Political Leaders. In 1989, Connie Hedegaard became first spokesperson for the Conservative People’s Party, but chose to leave politics for journalism in 1990. Besides her political career, Connie Hedegaard has had a long career in journalism. In 1990, she began working as a journalist on the Danish national newspaper Berlingske Tidende. In 1998 she became head of the news bulletin service Radioavisen at the Danish Broadcasting Corporation, after which she hosted the current affairs programme Deadline on the television channel DR2. Between 1998 and 2004 she also wrote for the Danish national daily newspaper Politiken. Apart from working as a politician and journalist, Connie Hedegaard has sat on a number of committees and boards, including chairing the Centre for Cultural Cooperation with Developing Countries (CKU) and as a member of the board of the Danish Parliament's Democracy Foundation. Lastly, she has received various prizes for her involvement in and contributions to social debate, due in great part to her wide-ranging activities as a lecturer and author. Her publications include Da klimaet blev.hot [When the climate got hot], published in Denmark in 2008, as well as contributions to several anthologies and topical books. Connie Hedegaard lives in Brussels and in Hellerup, Denmark with her husband, Jacob, and their two sons.

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Christiana Figueres (Costa Rica) was appointed as the new Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC) by UN Secretary-General Ban Ki-moon on 17 May 2010. The appointment was endorsed by the Bureau of the Convention. Ms Figueres has been involved in climate change negotiations since 1995. She was a member of the Costa Rican negotiating team and represented Latin America and the Caribbean on the Executive Board of the Clean Development Mechanism (CDM) in 2007, before being elected Vice-President.
of the Bureau of the Conference of the Parties 2008–2009. In 1995 she founded the Center for Sustainable Development of the Americas (CSDA), a non-profit think tank for climate change policy and capacity-building, which she directed until 2003. From 1994 to 1996, she served as Director of the Technical Secretariat Renewable Energy in the Americas (REIA). Ms Figueres began her life of public service in 1982 as Minister Counsellor at the Embassy of Costa Rica in Bonn, Germany. She served as Director of International Cooperation in the Ministry of Planning in Costa Rica (1987–1988), and was then named Chief of Staff to the Minister of Agriculture (1988–1990). Ms Figueres has served on the boards of several non-governmental organizations involved in climate change issues, including the Voluntary Carbon Standard. She is also a widely published author on the design of climate solutions, and has been a frequent adviser to the private sector on how to play a leadership role in mitigation. Ms Figueres holds a master’s degree in Anthropology from the London School of Economics, and a certificate in Organizational Development from Georgetown University. She was born in San José, Costa Rica in 1956, and is married with two children.

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Dr. R.K. Pachauri has been the Chief Executive of TERI since 1981, designated initially as Director and since April 2001 as Director-General. In April 2002 he was elected as Chairman of the Intergovernmental Panel on Climate Change (IPCC), which was established by the World Meteorological Organization and the United Nations Environment Programme in 1988. IPCC along with former Vice President Al Gore has been awarded the Nobel Peace Prize for the year 2007. Dr. Pachauri has a PhD in Industrial Engineering and a PhD in Economics. He has served on several international and national committees including membership of the Economic Advisory Council to the Prime Minister of India, the Advisory Board on Energy (ABE) which reports directly to the Prime Minister of India, and has been a Senior Advisor to the Administrator of the United Nations Development Programme and several others. He has been President (1988) and Chairman (1989–90) of the International Association for Energy Economics (IAEE). He has been President of the Asian Energy Institute since 1992. In April 1999, he was appointed Member of the Board of Directors of the Institute for Global Environmental Strategies, Japan and continues to hold this appointment. Dr. Pachauri was awarded the ‘Padma Bhushan’ in 2001 by the President of India and he was also bestowed the ‘Officier De La Légion D’Honneur’ by the Government of France in 2006. He has been active in several international forums dealing with the subject of climate change and its policy dimensions. He was conferred with the ‘Padma Vibhushan’, the second highest civilian award, for his services in the field of science and engineering in January 2008 by the President of India. He has been appointed as Director, Yale Climate and Energy Institute from July 2009. He has been conferred with the ‘Commander of the Order of Leopold II’ by the King of the Belgians in July 2009; the ‘Commander of the Order of the White Rose of Finland’ by the Prime Minister of Finland in February 2010 and ‘The Order of the Rising Sun, Gold and Silver Star’ by His Majesty Akihito, Emperor of Japan, in April 2010.

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larger research programme on ‘The Securitization of Forced Migration: Changing Ideas and Beliefs about Displacement and Their Impact on Security.’ Before joining Kent, she was with the Department of Environmental Policy Analysis of the Institute for Environmental Studies at the VU University Amsterdam, The Netherlands. She is a fellow of the Earth System Governance Project and co-coordinator of the Climate Refugee Policy Forum; she has also been manager of the 2009 Amsterdam Conference on the Human Dimensions of Global Environmental Change.

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Michael Brzoska (Germany) is Scientific Director of the Institute for Peace Research and Security Policy and Professor of Political Science at the University of Hamburg, Germany, Chair of the Foundation Council of the German Foundation for Peace Research, and Principal Investigator in the CLiSAP (Climate System Analysis and Prediction) programme at the University of Hamburg. He studied economics and political science in Fribourg (Switzerland) obtaining a diploma in economics and a Ph.D. and Habilitation in political science. He has worked as co-director of the Arms Trade and Arms Production Team at the Stockholm International Peace Research Institute (SIPRI), Solna, Sweden, as Assistant Professor in Political Science at the University of Hamburg, and as Director of Research at the Bonn International Center for Conversion (BICC), Bonn, Germany. He has published widely on economic and political issues related to armed conflicts, arms production and trade, military spending, civil wars, and sanctions. His latest books are (co-editor with Axel Krohn): Overcoming Armed Violence in a Complex World (Opladen - Farmington Hills: Budrich University Press, 2009); and (co-editor with George Lopez): Putting Teeth Into the Tiger: Improving the Effectiveness of Arms Embargoes (Bingley: Emerald Press, 2009).

Halvard Buhaug (Norway) is a Senior Researcher at the Centre for the Study of Civil War (CSCW) at the Peace Research Institute Oslo (PRIO), and leader of the Centre’s Working Group on Environmental Factors in Civil War. He holds a Ph.D. in political science, awarded by the Norwegian University of Science and Technology in Trondheim (2005). His research interests include the security implications of climate change and the geographic aspects of armed conflict. He has been a central contributor to the recent trend towards spatial disaggregation of civil war research with the introduction of geo-referenced conflict data and geographic information systems (GIS) tools. His work has appeared in a wide selection of peer-reviewed academic journals, including Geopolitics, International Organization, International Studies Quarterly, Journal of Conflict Resolution, Journal of Peace Research, Political Geography, and Proceedings of the National Academy of Sciences of the USA. In addition, he is the author and co-author of several book chapters.

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Alexander Carius (Germany) is director and co-founder of adelphi. He has worked on global environmental change for almost two decades. He is a leading expert on environment, conflict, and cooperation with more than 50 papers, reports, articles, and books published on this subject. For nearly ten years he has been a driving force behind political processes on climate change, security, and conflict prevention, advising government agencies in Germany, the United States, Finland, Sweden, and Switzerland, as well as international institutions including the EU, OSCE, NATO, and several UN bodies. His tasks include vulnerability assessments, facilitation of stakeholder dialogues, policy briefings, and providing strategic advice on programme and road map development. He is a member of the advisory board to the German Government on crisis prevention, and serves as senior expert in the UN expert group on environment, conflict, and peacebuilding in which climate change is a central topic. Among his recent publications are (with Dennis Tänzler) Future Landscapes of Conflict or Cooperation? Climate Security Needs Transatlantic Leadership (Washington: German Marshall Fund); (with Achim Maas and Janina Barkemeyer) Climate Change and Security: Two Scenarios for the Indian-Pacific Ocean Island States (Brussels: European Commission); (with Annabelle Houdret and Annika Kramer) The Water Security Nexus. Challenges and Opportunities for Development Cooperation (Eschborn: GTZ); (with Achim Maas) “Cambio Climático, recursos naturales y conflicto”, in: Revista española de desarrollo y cooperación, 26, 99-120.

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Olivier Degomme (Belgium) is a medical doctor from Ghent University who has specialized in epidemiology at the University of Louvain. He received a Ph.D. in 2010 based on a thesis studying mortality patterns in Darfur where he used epidemiological modelling to examine trends during the conflict. He has experience in quantitative techniques for analysing the health and nutrition impact of conflicts and wars, and was one of the founders of the Conflict Database on health and nutrition surveys (CEDAT) of the Centre for Research on the Epidemiology of Disasters (CRED). His recent publications include: (co-author with D. Guha-Sapir) “Patterns of mortality rates in Darfur conflict”, in: The Lancet, 375,9711 (23 January 2010); “Mortality and nutrition surveys by Non-Governmental organisations. Perspectives from the CEDAT database”, in: Emerging Themes in Epidemiology, No. 11. He recently joined the International Centre for Reproductive Health, University of Ghent as research director.

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Kerstin Fritzche (Germany) works as project manager at adelphi. She focuses on renewable energy, climate change and security, and on various topics linking economy, environment, and politics to questions of stability and peace. Her regional focus is on the countries of the Middle East and North Africa (MENA). She has contributed to a variety of projects dealing with climate change and conflict in south-west Asia, the energy strategies of selected OPEC countries, and renewable energy policies in MENA states. Besides her work at adelphi, Kerstin Fritzche is a part-time research assistant and Ph.D. candidate at the Center for Near and Middle Eastern Studies (CNMS) at the Philipps-University in Marburg. There, her research focuses on political parties in the Maghreb and their perspectives and approaches towards Euro-Mediterranean cooperation as well as social, economic, and environmental challenges.

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