

ANNEX 2

Contributors to the development of the third edition of the *Guidelines on drinking-water quality*

- Mr M. Abbaszadegan, (21: iv), American Water Works Services Inc., Belleville, IL, USA
Dr M. Abdulraheem, (9), United Nations Environment Programme, Manama, Bahrain
Dr H. Abouzaid, (1, 7, 9, 15, 23, 25, 27), WHO, Regional Office for the Eastern Mediterranean, Cairo, Egypt
Mr R. Abrams, (19), WHO, Regional Office for the Western Pacific, Manila, Philippines
Mr J. Adams, (5), (formerly of Oxfam, Oxford, UK)
Dr Z. Adeel, (15), The United Nations University, Tokyo, Japan
Mr M. Adriaanse, (5), United Nations Environment Programme, The Hague, Netherlands
Mr R. Aertgeerts, (7, 15, 23, 25, 27), European Centre for Environment and Health, Rome, Italy
Dr R. Ainsworth, (12, 20, 23, 25), Water Science and Technology, Bucklebury, UK
Dr A. Aitio, (26), WHO, Geneva, Switzerland
Ms M. Al Alili, (9), Abu Dhabi Water and Electricity Authority, Abu Dhabi, United Arab Emirates
Dr F. Al Awadhi, (9), United Nations Environment Programme, Bahrain, and Regional Organization for the Protection of the Marine Environment, Kuwait
Dr M.M.Z. Al-Ghali, (21), Ministry of Health, Damascus, Syria
Dr B. Ali, (27), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Dr M. Ali, (27), Water, Engineering and Development Centre, Loughborough University, Loughborough, UK
Dr A. Ali Alawadhi, (9), Ministry of Electricity and Water, Manama, Bahrain
Mr M. Al Jabri, (9), Ministry of Regional Municipalities, Environment and Water Resources, Muscat, Oman
Dr A. Allen, (27), University of York, Ireland
Dr M. Allen, (14), American Water Works Association, Denver, CO, USA
Mr H. Al Motairy, (9), Ministry of Defence and Aviation, Jeddah, Saudi Arabia

GUIDELINES FOR DRINKING-WATER QUALITY

- Ms E. Al Nakhi, (9), Abu Dhabi Water and Electricity Authority, Abu Dhabi, United Arab Emirates
- Dr M. Al Rashed, (9), Kuwait Institute for Scientific Research, Safat, Kuwait
- Mr M. Al Sofi, (9), House of Sofia, Al Khobar, Saudi Arabia
- Dr M. Al Sulaiti, (9), Qatar Electricity and Water Corporation, Doha, Qatar
- Dr S. Ambu, (11), Ministry of Health, Kuala Lumpur, Malaysia
- American Chemistry Council, (19), Washington, DC, USA
- Ms Y. Andersson, (6), Swedish Institute for Infectious Disease Control, Solna, Sweden
- Dr M. Ando, (15), Ministry of Health, Labour and Welfare, Tokyo, Japan
- Dr M. Asami, (11, 15), National Institute of Public Health, Tokyo, Japan
- Dr N. Ashbolt, (6, 8, 13, 14, 23, 28), University of New South Wales, Sydney, Australia
- Ms K. Asora, (10), Samoa Water Supply, Apia, Samoa
- Dr K.-K. Au, (24), Greeley and Hansen, Limited Liability Company, Chicago, USA
- Dr S. Azevedo, (29), Federal University of Rio de Janeiro, Rio de Janeiro, Brazil
- Dr L. Backer, (19), National Center for Environmental Health, Atlanta, USA
- Mr D. Bahadur Shrestha, (15), Department of Water Supply and Sewerage, Kathmandu, Nepal
- Dr K. Bailey, (5), WRc-NSF Ltd, Marlow, UK (now retired)
- Dr H. Bakir, (9), Centre for Environmental Health Activities, Amman, Jordan
- Dr G. Ball, (3), NSF International, Ann Arbor, MI, USA
- Dr M. Balonov, (20), International Atomic Energy Agency, Vienna, Austria
- Mr R. Bannerman, (27), Water Resources Consultancy Service, Accra, Ghana
- Dr J. Bartram, (1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 18, 19: xiii–lii, liv–lxviii, 21: i–v, 22, 23, 24, 25, 29), WHO, Geneva, Switzerland
- Dr A. Basaran, (10, 11, 12, 15, 25), WHO, Regional Office for the Western Pacific, Manila, Philippines
- Dr A. Bathija, (19: xxvi), US Environmental Protection Agency, Washington, DC, USA
- Mr U. Bayar, (11), State Inspectorate for Health, Ulaanbaatar, Mongolia
- Mr G. Bellen, (2), NSF International, Ann Arbor, MI, USA
- Dr R. Belmar, (15), Ministry of Health of Chile, Santiago, Chile
- Dr R. Bentham, (16), Department of Environmental Health, Adelaide, Australia
- Dr K. Bentley, (4), Centre for Environmental Health, Woden, Australia
- Mrs U. Bera, (10), Ministry of Health, Suva, Fiji
- Dr P. Berger, (21: iv, 27), US Environmental Protection Agency, Washington, DC, USA
- Dr U. Blumenthal, (6, 28), London School of Hygiene and Tropical Medicine, London, UK
- Dr A. Boehncke, (19: vii), Fraunhofer Institute of Toxicology and Experimental Medicine, Hanover, Germany
- Ms E. Bolt, (27), International Research Centre on Water and Sanitation, Delft, Netherlands
- Dr L. Bonadonna, (14, 21: i), Istituto Superiore di Sanità, Rome, Italy

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr X. Bonnefoy, (19: xii, liii, lxix), WHO European Center for Environment and Health, Bonn, Germany (formerly of WHO Regional Office for Europe, Copenhagen, Denmark)
- Mr L. Bontoux, (6), European Commission, Brussels, Belgium
- Ms T. Boonyakarnkul, (8, 12, 15, 22, 25), Ministry of Public Health, Nonthaburi, Thailand
- Professor K. Botzenhart, (5, 16, 21: iii), Tuebingen University, Tuebingen, Germany
- Dr L. Bowling, (29), Department of Land and Water Conservation, Parramatta, Australia
- Dr E. Briand, (16), Centre Scientifique et Technique du Bâtiment, Marne-la Vallée, France
- Dr S. Bumaa, (11), Health Inspection Services, Ulaanbaatar, Mongolia
- Mr M. Burch, (8, 29), Australian Water Quality Centre, Salisbury, Australia
- Dr T. Burns, (19), The Vinyl Institute, Inc., Arlington, VA, USA
- Professor D. Bursill, (8), Australian Water Quality Centre, Salisbury, Australia
- Dr J. Butler, (21: iii), Centers for Disease Control and Prevention, Atlanta, GA, USA
- Dr P. Byleveld, (10), New South Wales Department of Health, Gladesville, Australia
- Mr P. Callan, (7, 8, 13, 15, 17, 19: xiii–lii, liv–lxviii, 22, 25), National Health and Medical Research Council, Canberra, Australia
- Professor G. Cangelosi, (18), Seattle Biomedical Research Institute, Seattle, USA
- Professor W. Carmichael, (29), Wright State University, Ohio, USA
- Mr R. Carr, (23), WHO, Geneva, Switzerland
- Dr R. Carter, (27), Cranfield University, Silsoe, UK
- Dr C. Castell-Exner, (27), The German Technical and Scientific Association for Gas and Water, Bonn, Germany
- Dr M. Cavalieri, (29), Local Agency for Electricity and Water Supply, Rome, Italy
- Dr R. Chalmers, (26), Public Health Laboratory Service, Swansea, UK
- Dr K. Chambers, (23), WRc-NSF Ltd, Swindon, UK
- Professor P. Chambon, (1, 4, 19: i–xii), University of Lyon, Lyon, France,
- Mr C.K.R. Chan, (11), Shatin Treatment Works, Shatin, Hong Kong, Special Administrative Region of China
- Mr S. Chantaphone, (11), Ministry of Health, Vientiane, Lao People's Democratic Republic
- Dr D. Chapman, (29), Cork, Ireland
- Mr G.P.R. Chaney, (7), International Association of Plumbing and Mechanical Officials, Ontario, CA, USA
- Ms L. Channan, (10), South Pacific Applied Geoscience Commission, Suva, Fiji
- Professor W. Chee Woon, (11), University of Malaya, Kuala Lumpur, Malaysia
- Dr T. Chi Ho, (11), Health Department, Macao, Macao, People's Republic of China
- Dr N. Chiu, (15, 19: xlvi), US Environmental Protection Agency, Washington, DC, USA
- Dr Y.-G. Cho, (11), Waterworks Gwangju, Gwangju City, Republic of Korea

GUIDELINES FOR DRINKING-WATER QUALITY

Dr I. Chorus, (2, 5, 7, 8, 15, 20, 22, 25, 27, 29), Umweltbundesamt, Berlin, Germany
Dr W.T. Chung, (11), Department of Health, Wan Chai, Hong Kong, Special Administrative Region of China
Dr J. Clancy, (23), Clancy Environmental Consultants, St. Albans, VT, USA
Dr J. Clark-Curtiss, (18), Washington University, St. Louis, MO, USA
Dr E. Clayton, (21: ii), US Armed Forces Research Institute of Medical Sciences, Bangkok, Thailand
Professor G. Codd, (29), University of Dundee, Dundee, UK
Dr O. Conerly, (19), US Environmental Protection Agency, Washington, DC, USA
Dr M. Cooper, (19), Envirorad Services Pty Ltd, Victoria, Australia
Dr C. Corvalan, (26), WHO, Geneva, Switzerland
Dr A.L. Corwin, (21: ii), US Armed Forces Research Institute of Medical Sciences, Jakarta, Indonesia
Dr J. Cotruvo, (3, 5, 7, 9, 14, 18, 22, 23, 25), Joseph Cotruvo & Associates, Limited Liability Company, and NSF International, Washington, DC, USA
Professor D. Crawford-Brown, (26), University of North Carolina, Chapel Hill, NC, USA
Dr J. Creasy, (23), WRc-NSF Ltd, Swindon, UK
Dr S. Crespi, (16), Polyclinica Miramar, Palma, Spain
Dr G. Cronberg, (29), Lund University, Lund, Sweden
Dr D. Cunliffe, (8, 13, 19, 20, 21: iv, 22, 23, 25, 27), Environmental Health Service, Adelaide, Australia
Dr F. Dagendorf, (16), Institute for Hygiene and Public Health, Bonn, Germany
Dr J.L. Daroussin, (20), European Commission, Luxembourg
Dr H. Darpito, (19, 20, 22), Ministry of Health, Jakarta Pusat, Indonesia
Dr A. Davison, (13, 25), Water Futures, Dundas Valley, NSW, Australia (formerly of the Ministry of Energy and Utilities, Parramatta, NSW, Australia)
Dr F. de Buttet, (19, 20), Gisenec-Unesen, Paris, France
Dr M.-A. DeGroote, (18), University of Colorado, Denver, CO, USA
Dr G. de Hollander, (26), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
Dr D. Deere, (6, 8, 12, 13, 23, 25, 27), Water Futures, Dundas Valley, Australia (formerly of South East Water Ltd, Moorabbin, Australia)
Mr W. Delai, (10), Ministry of Health, Suva, Fiji
Dr J.M. Delattre, (14, 21: i), Institut Pasteur de Lille, Lille, France
Dr S. Dethoudom, (11), Water Supply Authority, Ventiane, Lao People's Democratic Republic
Professor B. De Villiers, (27), Potchefstroom University for CHE, Potchefstroom, South Africa
Mr I. Deyab, (9), Environment Public Authority, Safat, Kuwait
Professor H. Dieter, (19: xxii), Federal Environment Agency, Berlin, Germany
Dr P. Dillon, (27), Commonwealth Scientific and Industrial Research Organisation, Land and Water, Glen Osmond, Australia

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr J. Donohue, (7, 19: xxxvi), US Environmental Protection Agency, Washington, DC, USA
- Dr J. Doss, (19, 20), International Bottled Water Association, Alexandria, USA
- Dr V. Drasar, (16), OHS-National Legionella Reference Laboratory, Vyskov, Czech Republic
- Dr M. Drikas, (19, 29), Australian Water Quality Center, Salisbury, Australia
- Dr J. Du, (19: lii), US Environmental Protection Agency, Washington, DC, USA
- Dr A. Dufour, (6, 8, 14, 16, 27), US Environmental Protection Agency, Cincinnati, OH, USA
- Dr S. Edberg, (14), Yale University, New Haven, CT, USA
- Dr N. Edmonds, (19: xxxi), Health Canada, Ottawa, Canada
- Dr J. Eisenberg, (6, 28), University of California, Berkeley, CA, USA
- Dr M. El Desouky, (9), Kuwait Institute for Scientific Research, Safat, Kuwait
- Dr H. El Habr, (9), United Nations Environment Programme, Managa, Bahrain
- Professor F. El Zaatar, (18), Baylor College of Medicine, Houston, TX, USA
- Dr M. Ema, (19: xlvi, xlix), National Institute of Health Sciences, Tokyo, Japan
- Mr P. Emile, (10), Ministry of Health, Rarotonga, Cook Islands
- Dr R. Enderlein, (29), United Nations Economic Commission for Europe, Geneva, Switzerland
- Dr T. Endo, (5, 7, 14, 15, 19, 22), Ministry of Health, Labor and Welfare, Tokyo, Japan
- Mr H. Enevoldsen, (9), Intergovernmental Oceanographic Commission of UNESCO, IOC Science and Communication Centre on Harmful Algae, Copenhagen, Denmark
- Dr S. Enkhsetseg, (15), Ministry of Health, Ulaanbaatar, Mongolia
- Dr O. Espinoza, (19: xii, liii, lxix), WHO Regional Office for Europe, Copenhagen, Denmark
- Mr S. Esrey, (6), deceased (formerly of UNICEF, New York, USA)
- Mr G. Ethier, (4), International Council of Metals and the Environment, Ottawa, Canada
- Dr C. Evins, (23), Drinking Water Inspectorate, London, UK
- Dr M. Exner, (14, 16, 22), Universität Bonn, Bonn, Germany
- Professor I. Falconer, (29), University of Adelaide, Adelaide, Australia
- Dr J. Falkingham, (18), Fralin Biotechnology Center, Blacksburg, VA, USA
- Dr M. Farrimond, (23), UK Water Industry Research, London, UK
- Dr J. Fastner, (15, 29), Federal Environmental Agency, Berlin, Germany
- Professor B. Fattal, (6), Hebrew University of Jerusalem, Jerusalem, Israel
- Mr J. Fawell, (4, 5, 7, 15, 17, 19: vi, xii–lxix, 20, 22, 29), independent consultant, High Wycombe, UK
- Ms F. Feagai, (10), Princess Margaret Hospital, Funafuti, Tuvalu
- Dr T. Fengthong, (15), Ministry of Health, Ventiane, Lao People's Democratic Republic
- Dr I. Feuerpfeil, (21: iv), Umweltbundesamt, Bad Elster, Germany

GUIDELINES FOR DRINKING-WATER QUALITY

- Dr L. Fewtrell, (6, 12), Center for Research into Environment & Health, University of Wales, Aberystwyth, UK
- Mr B. Fields, (16), Centers for Disease Control and Prevention, Atlanta, GA, USA
- Mr J. Filiomea, (10), Ministry of Health and Medical Service, Honiara, Solomon Islands
- Dr J. Fitch, (20), South Australian Health Commission, Adelaide, Australia
- Dr J. Fitzgerald, (29), South Australian Health Commission, Adelaide, Australia
- Dr J. Fleisher, (6), State University of New York, Downstate Medical Center, New York, NY, USA
- Dr L. Forbes, (23), Leith Forbes & Associates Pty Ltd, Victoria, Australia
- Dr T. Ford, (18), Montana State University, Bozeman, MT, USA
- Dr R. Franceys, (27), Cranfield University, Silsoe, UK
- Ms P. Franz, (10), Palau Environment Quality Protection Agency, Koror, Republic of Palau
- Dr I. Fraser, (19, 20), Department of Health, London, UK
- Dr C. Fricker, (14, 21: iv), CRF Consulting, Reading, UK
- Dr A. Friday, (22), Ministry of Health, Kampala, Uganda
- Dr E. Funari, (7), Istituto Superiore di Sanità, Rome, Italy
- Dr H. Galal-Gorchev, (1, 2, 4, 5, 19: i–xii, liii, lxix), US Environmental Protection Agency, Washington, DC (formerly of WHO, Geneva, Switzerland)
- Dr P. Gale, (8), WRc-NSF Ltd, Marlow, UK
- Dr Y. Ganou, (22), Ministry of Health, Ougadougou, Burkino Faso
- Dr M. Gardner, (19), WRc-NSF Ltd, Marlow, UK
- Dr A.E.H. Gassim, (22), Ministry of Health, Makkah, Saudi Arabia
- Dr R. Gaunt, (4), International Council of Metals and the Environment, Ottawa, Canada
- Dr A.-M. Gebhart, (3), NSF International, Ann Arbor, MI, USA
- Dr B. Genthe, (27), Division Environment, Pretoria, South Africa
- Dr C. Gerba, (14, 28), Arizona University, Tucson, AZ, USA
- Dr T. Gerschel, (19), European Copper Institute, Brussels, Belgium
- Dr H. Gezairy, (9), WHO, Regional Office for the Eastern Mediterranean, Cairo, Egypt
- Ms M. Giddings, (15, 19: xiii–lii, liv–lxviii, 20, 22, 29), Health Canada, Ottawa, Canada
- Professor W. Giger, (27), Swiss Federal Institute for Environmental Science and Technology, Dübendorf, Switzerland
- Dr N. Gjolme, (29), National Institute for Public Health, Oslo, Norway
- Dr A. Glasmacher, (14), Universität Bonn, Bonn, Germany
- Dr A. Godfree, (23, 25, 27), United Utilities Water, Warrington, UK
- Mr S. Godfrey, (10, 12), Water, Engineering and Development Centre, Loughborough University, Loughborough, UK
- Dr M.I. Gonzalez, (19, 20, 22), National Institute of Hygiene, Epidemiology and Microbiology, Havana, Cuba
- Ms F. Gore, (22), WHO, Geneva, Switzerland

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr P. Gosling, (21: i), Department of Health, London, UK
Dr P. Gowin, (9), International Atomic Energy Agency, Vienna, Austria
Professor W. Grabow, (5, 6, 8, 13, 19, 20, 21: ii, 22, 25), retired (formerly of University of Pretoria, Pretoria, South Africa)
Mr W. Graham, (4), CropLife International, Brussels, Belgium
Dr P. Grandjean, (19, 20), Institute of Public Health, Odense, Denmark
Dr S. Grant-Trusdale, (19: xxxiv), Health Canada, Ottawa, Canada
Dr R. Gregory, (29), WRc-NSF Ltd, Swindon, UK
Professor A. Grohmann, (19, 27), independent, Berlin, Germany
Dr S. Gupta, (19: v), Health Canada, Ottawa, Canada
Professor C. Haas, (6, 28), Drexel University, Philadelphia, PA, USA
Dr W. Haas, (18), Robert Koch Institute, Berlin, Germany
Ms L. Haller, (12), WHO, Geneva, Switzerland
Mr F. Hannecart, (10), Noumea City Hygiene Service, Noumea, New Caledonia
Dr K.-I. Harada, (29), Meijo University, Nagoya, Japan
Dr M. Hardiman, (20), WHO, Geneva, Switzerland
Mr H. Hashizume, (5, 9, 15, 17, 19: xiii–lii, liv–lxviii, 22), Ministry of the Environment, Tokyo, Japan (formerly of WHO, Geneva, Switzerland)
Dr A. Havelaar, (1, 2, 5, 6, 7, 8, 20, 21: i–v, 22, 25, 26, 28), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
Mr T. Hayakawa, (1, 5), Ministry of Health & Welfare, Tokyo, Japan
Mr J. Hayes, (16), Institute for Healthcare Management, High Wycombe, UK
Mr P. Hecq, (22), European Commission, Brussels, Belgium
Mr P. Heinsbroek, (10, 11, 15), WHO, Regional Office for the South Pacific, Manila, Philippines
Dr R. Heinze, (29), Umweltbundesamt, Bad Elster, Germany
Mr E. Hellan, (10), Pohnpei Environment Protection Agency, Kolonia, Federated States of Micronesia
Dr R. Helmer, (1, 4, 19: xii, liii, lxix, 22), retired (formerly of WHO, Geneva, Switzerland)
Dr P. Henriksen, (29), National Environmental Research Institute, Roskilde, Denmark
Dr N. Hepworth, (27), Lancaster, UK
Professor J. Hermon-Taylor, (18), St George's Hospital Medical School, London, UK
Mr A. Hickling, (10), Marshall Islands Environment Protection Agency, Majuro, Marshall Islands
Dr G. Hoetzel, (29), La Trobe University, Victoria, Australia
Dr A. Hogue, (6), US Department of Agriculture, Washington, DC, USA (formerly of WHO, Geneva, Switzerland)
Dr D. Holt, (23), Thames Water Utilities Ltd, Reading, UK
Mr M. Hori, (7), Ministry of Health and Welfare, Tokyo, Japan
Professor H. Höring, (2), Umweltbundesamt, Bad Elster, Germany
Ms M. Hoshino, (15), UNICEF, Tokyo, Japan

GUIDELINES FOR DRINKING-WATER QUALITY

- Dr G. Howard, (2, 5, 7, 8, 12, 13, 15, 19, 20, 22, 23, 25), DFID Bangladesh, Dhaka, Bangladesh (formerly of Water Engineering and Development Centre, Loughborough University, Loughborough, UK)
- Dr P. Howsam, (27), Cranfield University, Silsoe, UK
- Professor S. Hrudey, (8, 29), University of Alberta, Edmonton, Canada
- Mr J. Hueb, (20, 21: v, 23), WHO, Geneva, Switzerland
- Dr J. Hulka, (19, 20), National Radiation Protection Institute, Prague, Czech Republic
- Dr N. Hung Long, (15), Ministry of Health, Han Noi, Viet Nam
- Dr P. Hunter, (14, 23), University of East Anglia, Norwich, UK
- Dr K. Hussain, (9), Ministry of Health, Manama, Bahrain
- Mr O.D. Hydes, (4, 5, 7), independent consultant, West Sussex, UK (formerly of Drinking Water Inspectorate, London, UK)
- Dr A. Iannucci, (3), NSF International, Ann Arbor, MI, USA
- Mr S. Iddings, (11, 15), WHO, Phnom Penh, Cambodia
- Dr M. Ince, (12, 25), independent consultant, Loughborough, UK (formerly of Water, Engineering and Development Centre, Loughborough University, Loughborough, UK)
- International Bottled Water Association, (19), Alexandria, VA, USA
- Mr K. Ishii, (15), Japan Water Works Association, Tokyo, Japan
- Mr J. Ishiwata, (11), Ministry of Health, Labour and Welfare, Tokyo, Japan
- Mr P. Jackson, (2, 5, 7, 15, 19: xiii–lii, liv–lxviii, 22, 25), WRc-NSF Ltd, Marlow, UK
- Dr J. Jacob, (21: v), (formerly of Umweltbundesamt, Bad Elster, Germany)
- Dr M. Janda, (21: i), Health and Welfare Agency, Berkeley, CA, USA
- Mr A. Jensen, (1, 2), DHI Water and Environment, Horsholm, Denmark
- Dr R. Johnson, (19), Rohm and Haas Company, USA
- Dr D. Jonas, (7), Industry Council for Development, Ramsgate, UK
- Dr G. Jones, (29), Commonwealth Scientific and Industrial Research Organisation, Brisbane, Australia
- Mr C. Jörgensen, (5), DHI Water and Environment, Horsholm, Denmark
- Dr C. Joseph, (16), Communicable Disease Surveillance Control, London, UK
- Mr H. Kai-Chye, (10), Canberra, Australia
- Ms R. Kalmet, (10), Mines and Water Resources, Port Vila, Vanuatu
- Mr I. Karnjanareka, (15), Ministry of Public Health, Nonthaburi, Thailand
- Dr D. Kay, (6), University of Wales, Abeystwyth, UK
- Dr H. Kerndorff, (27), Umweltbundesamt, Berlin, Germany
- Dr S. Khamdan, (9), Ministry of State for Municipalities and Environment Affairs, Manama, Bahrain
- Mr P. Khanna, (21: ii), National Environmental Engineering Institute, Nagpur, India
- Mr M. Kidanu, (22), WHO, Regional Office for Africa, Harare, Zimbabwe
- Dr J. Kielhorn, (4, 19: vii, xv, lxvii), Fraunhofer Institute of Toxicology and Experimental Medicine, Hanover, Germany

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr R. Kirby, (8, 25), Industry Council for Development, Ramsgate, UK
Dr G. Klein, (1), WHO, Bonn, Germany (formerly of Umweltbundesamt, Bad Elster, Germany)
Dr J. Komarkova, (29), Hydrobiological Institute of the Czech Academy of Sciences, Ceské Budejovice, Czech Republic
Dr H. Komulainen, (22), National Public Health Institute, Kuopio, Finland
Dr F. Kondo, (29), Aichi Prefectural Institute of Public Health, Nagoya, Japan
Dr M. Koopmans, (26), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
Dr F. Kozisek, (19), National Institute of Public Health, Prague, Czech Republic
Dr A. Kozma-Törökne, (29), National Institute for Public Health, Budapest, Hungary
Dr T. Kuiper-Goodman, (29), Health Canada, Ottawa, Canada
Dr S. Kunikane, (7, 15, 17, 22), Ministry of Health, Labour and Welfare, Tokyo, Japan
Dr T. Kwader, (27), URS Corporation, Tallahassee, FL, USA
Miss K. Kwee-Chu, (11), Ministry of Health, Kuala Lumpur, Malaysia
Mr P. Lafitaga, (10), Department of Health, Pago-pago, American Samoa
Dr B. Lang, (4), Novartis Crop Protection AG, Basel, Switzerland
Dr J. Langford, (8), Water Services Association, Melbourne, Australia
Dr J. Latorre, (25), Universidad del Valle, Cali, Colombia
Dr L. Lawton, (29), Robert Gordon University of Aberdeen, Aberdeen, UK
Dr M. LeChevallier, (7, 8, 14, 18, 23, 24), American Water Works Service Company, Inc., Voorhees, NJ, USA
Dr H. Leclerc, (14, 19, 20), University of Lille, Lille, France
Dr J. Lee, (5, 16, 21: iii), Queen's Medical Centre, Nottingham, UK
Mr F. Leitz, (9), Water Treatment Engineering and Research Group, Denver, CO, USA
Professor Le The Thu, (11), Institute of Hygiene and Public Health, Ho Chi Minh City, Viet Nam
Dr Y. Levi, (23), Laboratoire Santé Publique – Environnement, Université Paris XI, Chatenay-Malabry, France
Dr D. Levy, (19, 20), Centers for Disease Control and Prevention, Atlanta, GA, USA
Dr N. Lightfoot, (14), UK Public Health Laboratory Service, Newcastle-upon-Tyne, UK
Dr P. Literathy, (2, 5, 29), Kuwait Institute for Scientific Research, Safat, Kuwait (formerly of Water Resource Research Centre VITUKI, Budapest, Hungary)
Mr S. Loau, (15), Preventive Health Services, Apia, Samoa
Dr J.F. Luna, (26), Secretariat of Health, Mexico City, Mexico
Dr U. Lund, (4, 7, 19: i–xii, liii, lxix), DHI Water and Environment, Horsholm, Denmark
Dr Y. Magara, (1, 4, 5, 7, 14, 15, 19: xiii–lii, liv–lxviii, 21: iv, 22), Hokkaido University, Sapporo, Japan
Mr T. Magno, (10), WHO Representative's Office in Papua New Guinea, Port Moresby, Papua New Guinea

GUIDELINES FOR DRINKING-WATER QUALITY

- Dr B. Magtibay, (11, 22), Bureau of International Health Cooperation, Manila, Philippines
- Dr I. Mäkeläinen, (20), Radiation and Nuclear Safety Authority, Helsinki, Finland
- Dr D. Mangino, (3), NSF International, Ann Arbor, MI, USA
- Dr A. Marandi, (19), University of Tartu, Tartu, Estonia
- Dr T. Mariee, (21: iii), Queen Elizabeth II Health Science Centre, Halifax, Canada
- Mr A. Marquez, (10), Guam Environmental Protection Agency, Barrigada, Guam
- Dr B. Marsalek, (29), Institute of Botany, Brno, Czech Republic
- Professor M. Martin, (27), Bangladesh University of Engineering and Technology, Dhaka, Bangladesh
- Dr R. Mascarenhas, (19: xxiii, xxiv, xxx, lvi, lxii, lxiii), Metcalf and Eddy, Devizes, UK
- Dr D. McFadden, (3), NSF International, Ann Arbor, MI, USA
- Dr M. McLaughlin, (27), Commonwealth Scientific and Industrial Research Organisation, Land and Water, Glen Osmond, Australia
- Dr B. McRae, (8), Australian Water Association, Artarmon, Australia
- Dr D. Medeiros, (26), Health Canada, Ottawa, Canada
- Dr G. Medema, (5, 7, 8, 21: iv), KIWA N.V, Nieuwegein, Netherlands
- Ms M.E. Meek, (4), Health Canada, Ottawa, Canada
- Dr J. Meheus, (4), International Water Supply Association, Antwerpen, Belgium
- Ms G. Melix, (10), Papeete, French Polynesia
- Dr J.M. Melse, (26), National Institute for Public Health and the Environment (RIVM), Utrecht, Netherlands
- Dr T. Meredith, (22), WHO, Geneva, Switzerland
- Mr T. Metutera, (10), Public Utilities Board, Tarawa, Kiribati
- Dr E. Meyer, (3), Umweltbundesamt, Berlin, Germany
- Dr S. Miller, (27), US Department of Agriculture – Agricultural Research Service (USDA-ARS), Tucson, AZ, USA
- Dr B. Mintz, (19: xii, liii, lxix), Centers for Disease Control and Prevention (CDC), Atlanta, GA, USA
- Mr M.Z. bin Mohd Talha, (11), Ministry of Health, Kuala Lumpur, Malaysia
- Ms M.N. Mons, (7), KIWA Research and Consultancy, Nieuwegein, Netherlands
- Professor M.R. Moore, (19), National Research Centre for Environmental Toxicology, Queensland, University of Queensland, Queensland, Australia
- Dr G. Morace, (21: ii), Istituto Superiore di Sanità, Rome, Italy
- Dr A. Moreau, (14, 19, 20), Danone Water Technology Centre, Evian, France
- Dr R. Morris, (5, 7, 23), IWA, London, UK
- Dr D. Mossel, (14), Eijkman Foundation, Utrecht, Netherlands
- Ms G. Motturi, (2, 5), WHO, Regional Office for Europe, Copenhagen, Denmark
- Dr G. Moy, (4, 29), WHO, Geneva, Switzerland
- Dr L. Mur, (29), University of Amsterdam, Amsterdam, Netherlands
- Ms S. Murcott, (19, 20), Massachusetts Institute of Technology, Massachusetts, USA
- Dr P. Murphy, (26), US Environmental Protection Agency, Edison, NJ, USA

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr S. Murphy, (3), NSF International, Ann Arbor, MI, USA
Dr F.J. Murray, (4), International Life Sciences Institute, San José, CA, USA
Mr M.W. Muru, (10), Health Protection, Waigani, Papua New Guinea
Mr C. Mwesigye, (7), WHO, Kampala, Uganda
Dr D. Nабарро, (22), WHO, Geneva, Switzerland
Dr G.B. Nair, (21: v), National Institute of Cholera and Enteric Diseases, Calcutta, India
Pr. K. Nath, (19), Institution of Public Health Engineering, Calcutta, India
Mr P. Navuth, (11), Ministry of Industry, Mines and Energy, Phnom Penh, Cambodia
Mr M. Neal, (19), Invista, Teesside, UK
Dr A. Neller, (8), University of Sunshine Coast, Maroochydore, Australia
Mr J. Newbold, (16), Health and Safety Executive, Bootle, UK
Dr E. Ngoni Mudege, (27), Institute of Water and Sanitation Development, Harare, Zimbabwe
Dr C. Nhachi, (15), WHO, Regional Office for Africa, Harare, Zimbabwe
Dr G. Nichols, (18), Health Protection Agency, London, UK
Dr T. Nishimura, (15, 19: xix, xlii, xlix, lvii), Ministry of Health, Labour and Welfare, Tokyo, Japan
Ms S. Nofal, (9), WHO, Cairo, Egypt
Dr C. Nokes, (25), Environmental Science and Research Ltd, Christchurch, New Zealand
Dr L. Ofanoa, (10), Ministry of Health, Nuku'oloa, Tonga
Dr H. Ogawa, (23), WHO, Regional Office for the Western Pacific, Manila, Philippines
Dr E. Ohanian, (4, 7, 19: i–lii; liv–lxviii, 22), US Environmental Protection Agency, Washington, DC, USA
Dr Y. Okumura, (20), Nagasaki University, Japan
Ms J. Orme-Zavaleta, (1), US Environmental Protection Agency, Washington, DC, USA
Dr Y. Ortega, (21: iv), University of Arizona, Tucson, AZ, USA
Dr J. Padisák, (29), University of Veszprém, Veszprém, Hungary
Dr F. Pamminger, (23), Yarra Valley Water, Melbourne, Australia
Mr I. Papadopoulos, (5, 7), European Commission, Athens, Greece (formerly of European Commission, Brussels, Belgium)
Dr C.N. Paramasivan, (18), Indian Council of Medical Research, Chennai, India
Mr R. Paramasivan, (21: ii), National Environmental Engineering Research Institute, Nagpur, India
Mr D. Parish, (10), Pacific Water Association, Suva, Fiji
Dr C. Pastorini, (21: iii), Istituto Superiore di Sanità, Rome, Italy
Dr E. Pawlitzky, (29), Umweltbundesamt, Berlin, Germany
Dr P. Payment, (6, 14, 23), National Institute of Scientific Research, University of Quebec, Montreal, Canada

GUIDELINES FOR DRINKING-WATER QUALITY

- Dr S. Pedley, (5, 21: ii, 29), Robens Centre, University of Surrey, Guildford, UK
Dr H.K. bin Pengiran Haji Ismail, (11), Ministry of Health, Bandar Seri Begawan
Negara 1210, Brunei Darussalam
Dr G. Peralta, (10, 11, 15), University of the Philippines, Quezon City, Philippines
Mr A. Percival, (8), Consumer Health Forum, Cobargo, Australia
Dr K. Petersson Grawé, (4, 19: iii), National Food Administration, Uppsala, Sweden
Dr M.S. Pillay, (11, 15, 27), Ministry of Health, Kuala Lumpur, Malaysia
Mr S. Pita Helu, (15), Tonga Water Board, Nuku'alofa, Tonga
Dr J. Plouffe, (21: iii), University Hospitals, Columbus, OH, USA
Dr A. Pozniak, (18), Chelsea & Westminster Hospital, London, UK
Dr E. Pozio, (21: iv), Istituto Superiore di Sanità, Rome, Italy
Dr A. Pozniak, (18), Chelsea & Westminster Hospital, London, UK
Mr M. Pretrick, (10), National Government, Palikir, Federated States of Micronesia
Dr C. Price, (19, 20), American Chemical Council, Arlington, VA, USA
Mr F. Properzi, (22), WHO, Geneva, Switzerland
Dr V. Puklova, (19), National Institute of Public Health, Prague, Czech Republic
Mr T. Pule, (23, 25, 27), WHO, Regional Office for Africa, Harare, Zimbabwe
Dr D. Purkiss, (3), NSF International, Ann Arbor, MI, USA
Dr A. Pruess-Ustun, (6, 26), WHO, Geneva, Switzerland
Dr L. Quiggle, (3), NSF International, Ann Arbor, MI, USA
Dr P.P. Raingsey, (11), Ministry of Health, Phnom Penh, Cambodia
Dr C. Ramsay, (22), Scottish Centre for Infection and Environmental Health, Glasgow,
UK
Dr P. Ravest-Weber, (3), NSF International, Ann Arbor, MI, USA
Dr D. Reasoner, (14, 23), National Risk Management Research Laboratory, US Envi-
ronmental Protection Agency, Cincinnati, OH, USA
Dr G. Rees, (7, 18), Askham Bryan College, York, UK (formerly University of Surrey,
Guildford, UK)
Dr S. Regli, (21: iv, 23), US Environmental Protection Agency, Washington, DC, USA
Dr R. Reilly, (26), Scottish Centre for Infection and Environmental Health, Glasgow,
UK
Dr M. Repacholi, (20, 22), WHO, Geneva, Switzerland
Mrs M. Richold, (4), European Centre for Ecotoxicology and Toxicology, Sharnbrook,
UK
Dr J. Ridgway, (3, 5), WRc-NSF Ltd, Marlow, UK
Ms J. Riego de Dios, (11, 15), National Center for Disease Prevention and Control,
Manila, Philippines
Mrs U. Ringelband, (5), Umweltbundesamt, Berlin, Germany
Dr M. Rivett, (27), University of Birmingham, Birmingham, UK
Mr W. Robertson, (3, 7, 8, 14, 23, 26), Health Canada, Ottawa, Canada
Dr C. Robinson, (20), International Atomic Energy Agency, Vienna, Austria
Dr J. Rocourt, (28), WHO, Geneva, Switzerland

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

Ms R. Rooney, (12, 16), WHO, Geneva, Switzerland
Dr J. Rose, (14, 21: iv, 28), University of South Florida, St. Petersburg, FL, USA
Dr K. Rotert, (19, 20), US Environmental Protection Agency, Washington, DC, USA
Dr J. Rothel, (18), Cellestis Limited, Victoria, Australia
Mr H. Salas, (2), WHO, Regional Office for the Americas, Washington, DC, USA
Mr A. Salem, (9), Abu Dhabi Water and Electricity Authority, Abu Dhabi, United Arab Emirates
Dr P. Samnang, (15), Ministry of Health, Phnom Penh, Cambodia
Dr M. Santamaria, (16), WHO, Geneva, Switzerland
Mr M. Saray, (11), Ministry of Rural Development, Phnom Penh, Cambodia
Mr D. Sartory, (5, 21: i), Severn Trent Water Ltd, Shelton, UK
Dr M. Savkin, (20), Institut Biophysics, Moscow, Russian Federation
Dr S. Schaub, (6, 16, 21: iv, 28), US Environmental Protection Agency, Washington, DC, USA
Professor R. Schertenleib, (27), Swiss Federal Institute for Environmental Science and Technology, Dübendorf, Switzerland
Dr J. Schijven, (27), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
Mrs G. Schlag, (5), Umweltbundesamt, Berlin, Germany
Mr O. Schmoll, (8, 15, 27), Umweltbundesamt, Berlin, Germany
Professor L. Schwartzbrod, (19, 20), WHO Collaborating Center for Microorganisms in Wastewater, Nancy, France
Mr P. Scott, (8), Melbourne Water, Melbourne, Australia
Professor K.-P. Seiler, (27), National Research Center for Environment and Health, Institut für Hydrologie, Neuherberg, Germany
Dr Y.-C. Seo, (11), Sangji University, Wonju, Republic of Korea
Dr I. Shalaru, (19, 20, 22), Ministry of Health, Chisinau, Republic of Moldova
Dr D. Sharp, (10, 15), WHO Representative Office in South Pacific, Suva, Fiji
Ms S. Shaw, (7, 21: iv), US Environmental Protection Agency, Washington, DC, USA
Ms F. Shoaei, (9), Department of the Environment, Tehran, Islamic Republic of Iran
Dr Y. Shun-Zhang, (29), Institute of Public Health, Shanghai, People's Republic of China
Dr E. Sievers, (19, 20), Kiel, Germany
Dr D. Simazaki, (15), National Institute of Public Health, Tokyo, Japan
Professor I. Simmers, (27), Vrije University, Amsterdam, Netherlands
Mr T. Simons, (1, 4), European Commission, Brussels, Belgium
Dr M. Sinclair, (8), Monash University Medical School, Prahran, Australia
Dr K. Sivonen, (29), University of Helsinki, Helsinki, Finland
Dr B. Skinner, (12), Water, Engineering and Development Centre, Loughborough University, Loughborough, UK
Dr O. Skulberg, (29), Norwegian Institute for Public Health, Oslo, Norway

GUIDELINES FOR DRINKING-WATER QUALITY

- Professor H.V. Smith, (5, 21: iv), Scottish Parasite Diagnostic Laboratory, Stobhill Hospital, Glasgow, UK*
- Dr M. Smith, (23), Water, Engineering and Development Centre, Loughborough University, Loughborough, UK
- Dr M. Snozzi, (7), Swiss Federal Institute for Environmental Science and Technology, Dübendorf, Switzerland
- Professor M. Sobsey, (7, 8, 12, 13, 19, 20, 22, 25, 28), University of North Carolina, Chapel Hill, USA
- Professor J.A. Sokal, (19, 20, 22), Institute of Occupational Medicine and Environmental Health, Sosnowiec, Poland
- Dr F. Solsona, (15, 23, 25, 27), retired (formerly of WHO, Regional Office for the Americas/Centro Panamericano de Ingeneria Sanitaria Ciencias del Ambiente [CEPIS], Lima, Peru)
- Dr G.J.A. Speijers, (4, 19: iv), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
- Dr D. Srinivasan, (10), University of the South Pacific, Suva, Fiji
- Dr G. Stanfield, (5, 7, 21: ii, 25), WRc-NSF Ltd, Marlow, UK
- Dr T.A. Stenstrom, (6, 16, 22), Swedish Institute for Infectious Disease Control, Solna, Sweden
- Dr M. Stevens, (8, 12, 13, 14, 15, 19, 20, 23, 25), Melbourne Water Corporation, Melbourne, Australia
- Dr T. Stinear, (18), Institut Pasteur, Paris, France
- Dr M. Storey, (23), University of New South Wales, Sydney, Australia
- Mr M. Strauss, (6), Swiss Federal Institute for Environmental Science and Technology, Dübendorf, Switzerland
- Dr K. Subramanian, (7), Health Canada, Ottawa, Canada
- Dr S. Surman, (16), Health Protection Agency, London, UK
- Mr T. Taeuea, (10), Ministry of Health, Tarawa, Kiribati
- Mr P. Talota, (10), Ministry of Health and Medical Service, Honiara, Solomon Islands
- Mr C. Tan, (11), Ministry of Environment, Singapore
- Mr B. Tanner, (2), NSF International, Brussels, Belgium
- Mr H. Tano, (4), Ministry of Health and Welfare, Tokyo, Japan
- Professor I. Tartakovsky, (16), Gamaleya Research Institute for Epidemiology and Microbiology, Moscow, Russian Federation
- Dr A. Tayeh, (20), WHO, Geneva, Switzerland
- Dr M. Taylor, (8, 19, 20, 22, 27), Ministry of Health, Wellington, New Zealand
- Dr R. Taylor, (8, 10, 15), Health Surveillance and Disease Control, Rockhampton, Australia
- Mr J. Teio, (10), Department of Health, Waigani, Papua New Guinea
- Dr P.F.M. Teunis, (7, 8, 28), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- Dr B.H. Thomas, (4), independent consultant (formerly Health Canada, Ottawa, Canada)
- Mr T. Thompson, (7, 12, 15, 17, 22, 23, 25, 27), WHO, Regional Office for South-East Asia, New Delhi, India
- Dr F. Tiefenbrunner, (21: iii), Institute of Hygiene and Social Medicine, Innsbruck, Austria
- Mr Tiew King Nyau, (11), Public Utilities Board, Singapore
- Dr D. Till, (8, 28), Consultant Public Health Microbiologist, Wellington, New Zealand
- Mr T. Tipi, (10), Health Department, Apia, Samoa
- Mr T.Q. Toan, (11), National Institute of Occupational and Environmental Health, Hanoi, Viet Nam
- Dr P. Toft, (1, 4, 7, 15, 19: xiii–lii, liv–lxviii, 22), independent consultant, Qualicum Beach, Canada
- Mr V. Tovu, (10), Ministry of Health, Port Vila, Vanuatu
- Mr L. Tu’itupou, (10), Ministry of Health, Nuku’olafo, Tonga
- Professor J. Tuomisto, (4, 19: x), National Public Health Institute, Kuopio, Finland
- Dr I. Turai, (20, 22), WHO, Geneva, Switzerland
- Dr R. Uauy, (4, 15, 19, 20), Instituto de Nutrición y Tecnología de los Alimentos, Santiago, Chile
- Mr S. Unisuga, (2), Ministry of Health and Welfare, Tokyo, Japan
- Dr H. Utkilen, (29), National Institute for Public Health, Oslo, Norway
- Dr J. van Den Berg, (3), KIWA N.V., Nieuwegein, Netherlands
- Dr D. van der Kooij, (14, 21: i, 23), KIWA N.V., Nieuwegein, Netherlands
- Ms K. VandeVelde, (19), International Antimony Oxide Industry Association, Campine, Beerse, Belgium
- Dr A.M. van Dijk-Looijaard, (4), KIWA N.V., Nieuwegein, Netherlands
- Dr F.X.R. van Leeuwen, (4), National Institute of Public Health and the Environment (RIVM), Bilthoven, Netherlands (formerly of WHO European Centre for Environment and Health, Netherlands)
- Dr J. Vapnek, (29), Food and Agriculture Organization of the United Nations, Rome, Italy
- Mr A. Versteegh, (16), National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands
- Ms C. Vickers, (15, 19: xiii–lii, liv–lxviii), WHO, Geneva, Switzerland
- Dr V. Vincent, (18), Institut Pasteur, Paris, France
- The Vinyl Institute, (19), Arlington, VA, USA
- Dr D. Vitanage, (23), Sydney Water, Sydney, Australia
- Dr U. von Gunten, (19), Swiss Federal Institute for Environmental Science and Technology Dübendorf, Switzerland
- Professor F. Von Reyn, (18), Dartmouth Hitchcock Medical Centre, Hanover, NH, USA

GUIDELINES FOR DRINKING-WATER QUALITY

Professor M. Von Sperling, (6), Federal University of Minas Gerais, Belo Horizonte,
Brazil
Dr T. Vourtsanis, (23), Sydney Water, Sydney, Australia
Dr P. Waggit, (27), Environment Australia, Darwin, Australia
Dr I. Wagner, (3), Technologie Zentrum Wasser, Karlsruhe, Germany
Mr M. Waite, (6), Drinking Water Inspectorate, London, UK
Mr M. Waring, (19, 20), Department of Health, London, UK
Ms M. Whittaker, (3), NSF International, Ann Arbor, MI, USA
Dr B. Wilkins, (20), National Radiological Protection Board, UK
Dr J. Wilson, (3), NSF International, Ann Arbor, MI, USA
Dr R. Wolter, (27), Umweltbundesamt, Berlin, Germany
Dr D. Wong, (19: xxvii, xxxiii, lxviii), US Environmental Protection Agency, Washington, DC, USA
Dr A. Wrixon, (20), International Atomic Energy Agency, Vienna, Austria
Professor Y. Xu, (27), University of the Western Cape, Bellville, South Africa
Mr T. Yamamura, (7), (formerly of WHO, Geneva, Switzerland)
Dr S. Yamashita, (20), Nagasaki University, Japan
Dr C. Yayan, (15), Institute of Environmental Health Monitoring, Beijing, People's Republic of China
Dr B. Yessekin, (27), The Regional Environmental Centre for Central Asia, Almaty, Kazakhstan
Dr Z. Yinfa, (11), Ministry of Health, Beijing, People's Republic of China
Mr N. Yoshiguti, (1), Ministry of Health and Welfare, Tokyo, Japan
Dr M. Younes, (1, 7, 20), WHO, Geneva, Switzerland
Mr J. Youngson, (10), Crown Public Health, Christchurch, New Zealand
Dr V. Yu, (21: iii), Pittsburgh University, Pittsburgh, PA, USA
Professor Q. Yuhui, (11), Institute of Environmental Health Monitoring, Beijing, People's Republic of China
Mrs N. Zainuddin, (11), Ministry of Health, Kuala Lumpur, Malaysia

1. *Expert Consultation on Rolling Revision of WHO Guidelines for Drinking-water Quality, Geneva, 13–15 December 1995*
2. *Expert Consultation on Protection and Control of Water Quality for the Updating of the WHO Guidelines for Drinking-water Quality, Bad Elster, Germany, 17–19 June 1996*
3. *Expert Consultation on Safety of Materials and Chemicals Used in Production and Distribution of Drinking-water, Ann Arbor, Michigan, USA, 23–24 January 1997*
4. *Expert Consultation on Rolling Revision of the Guidelines for Drinking-water Quality: Report of Working Group Meeting on Chemical Substances for the Updating of WHO Guidelines for Drinking-water Quality, Geneva, Switzerland, 22–26 April 1997*

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

5. *Expert Consultation on Rolling Revision of the Guidelines for Drinking-water Quality: Aspects of Protection and Control and of Microbiological Quality*, Medmenham, UK, 17–21 March 1998
6. *Expert Consultation on Harmonized Risk Assessment for Water-related Microbiological Hazards*, Stockholm, Sweden, 12–16 September 1999
7. *Drinking-water Quality Committee Meeting*, Berlin, Germany, 5–9 June 2000
8. *Expert Consultation on Effective Approaches to Regulating Microbial Drinking-water Quality*, Adelaide, Australia, 14–18 May 2001
9. *Consultation on Planning of Water Quality Guidelines for Desalination*, Bahrain, 28–31 May 2001
10. *Workshop on Drinking-water Quality Surveillance and Safety*, Nadi, Fiji, 29 October–1 November 2001
11. *Workshop on Drinking-water Quality Surveillance and Safety*, Kuala Lumpur, Malaysia, 12–15 November 2001
12. *Expert Consultation on Preparation of Supporting Documents for the Updating of Microbial Aspects of WHO Guidelines for Drinking-water Quality*, Loughborough, UK, 18–23 November 2001
13. *WHO Meeting: Guidelines on Drinking-water Quality*, Micro Working Group, Melbourne, Australia, 13–14 April 2002
14. *Meeting on HPC Bacteria in Drinking-water*, Geneva, Switzerland, 25–26 April 2002
15. *Global Meeting on the Revision of WHO Guidelines for Drinking-water Quality*, Tokyo, Japan, 23–29 May 2002
16. *Meeting on Prevention and Control of Legionnaires' Disease*, London, 18–20 June 2002
17. *Chemical Safety of Drinking-water: Assessing Priorities for Risk Management*, Nyon, Switzerland, 26–30 August 2002
18. *Expert Consultation on Mycobacterium Avium Complex*, Guildford, UK, 18–20 September 2002
19. *Contributors to the chemical substantiation document on:*
 - i. Aluminium
 - ii. Boron
 - iii. Nickel
 - iv. Nitrate and Nitrite
 - v. Cyanobacterial Toxins: *Microcystin-LR*
 - vi. Edetic Acid (EDTA)
 - vii. Polynuclear aromatic hydrocarbons
 - viii. Cyanazine
 - ix. 1,2-Dichloropropane (1,2-DCP)
 - x. Pentachlorophenol
 - xi. Terbutylazine (TBA)
 - xii. Trihalomethanes

GUIDELINES FOR DRINKING-WATER QUALITY

- xiii. *1,1,1-Trichloroethane*
- xiv. *1,2-Dibromoethane*
- xv. *1,2-Dichloroethane*
- xvi. *Di(2-ethylhexyl)adipate*
- xvii. *2-Phenylphenol*
- xviii. *2,4-Dichlorophenoxyacetic acid*
- xix. *Acrylamide*
- xx. *Aldicarb*
- xxi. *Aldrin and Dieldrin*
- xxii. *Antimony*
- xxiii. *Arsenic*
- xxiv. *Barium*
- xxv. *Bentazone*
- xxvi. *Bromate*
- xxvii. *Brominated Acetic Acids*
- xxviii. *Cadmium*
- xxix. *Carbofuran*
- xxx. *Carbon Tetrachloride*
- xxxi. *Monochloramine*
- xxxii. *Chlordane*
- xxxiii. *Monochloroacetic acid*
- xxxiv. *Chlorite and Chlorate*
- xxxv. *Chlorpyrifos*
- xxxvi. *Copper*
- xxxvii. *DDT and its Derivatives*
- xxxviii. *Dimethoate*
- xxxix. *Diquat*
- xl. *Endosulfan*
- xli. *Endrin*
- xlii. *Epichlorohydrin*
- xlii. *Fenitrothion*
- xliv. *Fluoride*
- xlv. *Glyphosate and AMPA*
- xlvi. *Halogenated Acetonitriles*
- xlvii. *Heptachlor and Heptachlor Epoxide*
- xlviii. *Hexachlorobenzene*
- xlix. *Hexachlorobutadiene*
- l. *Lindane*
- li. *Malathion*
- lii. *Manganese*
- liii. *Methoxychlor*
- liv. *Methyl Parathion*

ANNEX 2. CONTRIBUTORS TO THE DEVELOPMENT OF THE THIRD EDITION

- lv.* *Monochlorobenzene*
- lvi.* *MX*
- lvii.* *Dialkyltins*
- lviii.* *Parathion*
- lix.* *Permethrin*
- lx.* *Propanil*
- lxii.* *Pyriproxyfen*
- lxiii.* *Sulfate*
- lxiv.* *Inorganic Tin*
- lxv.* *Toluene*
- lxv.* *Trichlorobenzenes*
- lxvi.* *Uranium*
- lxvii.* *Vinyl Chloride*
- lxviii.* *Trichloroacetic Acid*
- lxix.* *Dichloroacetic Acid*
- 20. *Provision of comments on drafts of the Guidelines for Drinking-water Quality (3rd edition)*
- 21. *Contributor to Guidelines for Drinking-water Quality (2nd edition), Addendum, Microbiological Agents in Drinking-water*
 - i.* *Aeromonas*
 - ii.* *Enteric Hepatitis Viruses*
 - iii.* *Legionella*
 - iv.* *Protozoan Parasites (Cryptosporidium, Giardia, Cyclospora)*
 - v.* *Vibrio cholerae*
- 22. *Participant in Final Task Force Meeting for 3rd Edition of Guidelines on Drinking-water Quality, Geneva, Switzerland, 31 March – 4 April 2003*
- 23. *Contributor to the background document “Safe, Piped Water: Managing Microbial Water Quality in Piped Distribution Systems.”*
- 24. *Contributor to the background document “Water Treatment and Pathogen Control: Process Efficiency in Achieving Safe Drinking-water.”*
- 25. *Contributor to the background document “Water Safety Plans.”*
- 26. *Contributor to the background document “Quantifying Public Health Risk in the WHO Guidelines for Drinking-Water Quality: A Burden of Disease Approach.”*
- 27. *Contributor to the background document “Protecting Groundwaters for Health – Managing the Quality of Drinking-water Sources.”*
- 28. *Contributor to the background document “Hazard Characterization for Pathogens in Food and Water: Guidelines.”*
- 29. *Contributor to the background document “Toxic Cyanobacteria in Water.”*