



Mr. Eiichiro Adachi, Research Chief, Head of ESG Research Center, The Japan Research Institute, Limited, Japan

Mr. Adachi is a research chief and the head of ESG research center at The Japan Research Institute Limited, which was founded in 1989 and sponsored by companies in the Sumitomo group. He is now engaged in ESG screening of listed Japanese companies for socially responsible investment products of UBS Global Asset Management, Sumitomo Trust and Banking Co., Ltd, STB Asset Management Co., Ltd and Daiwa Asset Management Co. Ltd. He is also a project manager of research works regarding environmental finance and CSR that several ministries entrusted and one of the national experts among Japanese delegation to ISO/ Social Responsibility Standards (ISO26000) Working Group.



Dr. Toshi H. Arimura, Visiting Scholar, Resources for the Future, USA, George Mason University, USA and Associate Professor, Sophia University, Japan

He is an associate professor of environmental economics at Sophia University. He is currently a visiting scholar at Resources for the Future and George Mason University. His research interests encompass climate change policies, emission trading and environmental technological innovation. He has received Abe Fellowship for analyzing the effects of environmental policy instrument choice on technological innovation. He has also participated in an international collaboration project by the OECD to examine the effectiveness of corporate environmental actions. He received his BA from Tokyo University, MS from Tsukuba University and Ph.D. in economics from the University of Minnesota in USA.



Yurika Ayukawa, Has a BA from Sophia University, Foreign Language Faculty, English Language Division, and a Master's Degree in Public Administration from Harvard University.

Climate Change Programme Special Advisor at WWF (World Wide Fund for Nature) Japan since July, 2007. Has been working on Climate Change Programme at WWF Japan since 1997. Lobbied the governments on international negotiations and domestic climate policy of Japan. Proposed a cap & trade domestic emissions trade scheme in 2007. Worked on Climate Savers Programme to make companies commit to absolute GHG reductions (Sagawa Express and Sony Corporation from Japan). Testified at the Lower House Environmental Committee in 2002, and in 2005. Was a member of the advisory committee of the Ministry of Environment on carbon tax, and now "Capacity Building of Environment-conscious Workforce for a Sustainable Asia in Universities" since July, 2007. Vice-Representative for "2008 G8 NGO Forum".



Christopher Beauman, Senior Adviser, European Bank for Reconstruction and Development (EBRD)

He joined EBRD when it was set up in 1991 to assist the former communist countries of Eastern Europe and the Former Soviet Union in their transition to a market economy, and has responsibility for coordinating EBRD's financing of steel projects, including Russia, Ukraine, Kazakhstan, Poland, Romania, Croatia and Georgia. He has worked closely with EBRD's Energy Efficiency and Climate Change Team, especially the EUR300m Energy Efficiency Loan to Severstal (Russia). Previously he has worked in corporate finance for three London merchant banks, as Director, Planning, Morgan Grenfell Group, as Adviser to the Chairman of British Steel during its period of major restructuring (1976-81), and for the Central Policy Review Staff, UK Cabinet Office. He is also a member of the Climate Policy group of the British Institute of Energy Economists.



Dr. Rizaldi Boer, Head of Climatology Laboratory, Faculty of Mathematics and Natural Sciences, Bogor Agricultural University, Indonesia

Dr. Boer received his B.S. from Bogor Agriculture University-Indonesia in 1983 and Ph.D. degree from University of Sydney-Australia in 1994. He specialized in agroclimatology. He is one of Lead Authors of GPG-LULUCF and IPCC Fourth Assessment Report under WGIII and also serving UNFCCC Secretariat as lead reviewer for the National Greenhouse Gas Inventory of Annex 1 countries. Since 1996, he has been working in many regional projects related to climate mitigation and adaptation. He is now working under IFCA (Indonesia Forest-Climate Alliance) for the preparation of REDDI (Reduction of Emission from Deforestation and forest degradation in Indonesia).



Andrew Bolitho is a policy advisor in International Climate Change Policy team at the Department for Environment, Food and Rural Affairs (DEFRA).

The role of the team is to provide advice on the position of other countries involved in the Gleneagles Dialogue and developing strategies for their engagement in the Dialogue and the broader climate change process. This involves liaising with policy makers in other national, state level administrations, as well as forming links with the business and NGO communities. The team is also involved in promoting research and development of currently available technologies, and technologies in development, through programmes of work under the Gleneagles Plan of Action. Mr. Bolitho has work in others areas in DEFRA including implementation of the EU Emissions Trading Scheme and Climate Change Impacts and Adaptation.



Emma Howard Boyd, Head of Socially Responsible (SRI) Investment and Governance, Director Jupiter Asset Management

Emma joined Jupiter in 1994 and has overall responsibility for the management and development of Jupiter's Socially Responsible Investment business. She is also responsible for building Jupiter's corporate governance and engagement services for institutional clients and Jupiter's UK retail funds. Emma was a member of Commission on Environmental Markets and Economic Performance in 2006 and is a director of the Triodos Renewable Energy Fund. She is also a guest faculty member of The Prince of Wales's Business and the Environment Programme. Prior to working at Jupiter, Emma specialised in corporate finance at Hill Samuel and Banque Nationale de Paris. She has also worked as a researcher and campaigner for various Non-Governmental Organisations. Emma is a director of Jupiter Asset Management.



CHUNG Rae Kwon. Director of the Environment and Sustainable Development Division of United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), Bangkok

Rae Kwon majored in economics in Korea and obtained an MSc in Foreign Service from Georgetown University in Washington D.C.. As a former career diplomat, he was the Korean Chief Negotiator for many global environment conferences. Rae Kwon has been posted at Korean Missions to the UN and the OECD. He served as the Director-General for the International Economic Affairs Bureau at the Ministry of Foreign Affairs and Trade until July 2004 before joining the UNESCAP.



Dr. Stephen Cornelius, Senior Scientific Officer, Department for Environment, Food and Rural Affairs (DEFRA) UK

Steve Cornelius works in the Response Strategies Branch in Defra's Climate Energy and Ozone: Science and Analysis Division. For the past 3 years he has advised the UK Government on climate change mitigation options, future action under the Kyoto Protocol and on UK greenhouse gas inventory and projections. He has been a delegate to IPCC meetings and UNFCCC negotiations. In June 2007 he coordinated the 2nd Japan-UK LCS workshop. Dr. Cornelius received a B.E. (Chem) from the University of New South Wales in Sydney, Australia and Ph.D., on modelling and control of automotive catalysts, from the engineering department of the University of Cambridge in the UK. He has previously worked as an engineering consultant developing physicochemical models of automotive pollution control devices.



Renaud Crassous, Researcher, Centre International de Recherche sur l'Environnement et le Développement (CIRED), France

Renaud Crassous, a civil servant of the French Ministry of Agriculture, is an economist and a project leader of the Imaclim-R framework, a world Economy Energy Environment Hybrid Model developed at CIRED. The model has been used to assess energy and climate policies in several projects with industrials, ministries and international agencies, e.g. the World Energy Outlook in 2006. Renaud Crassous is also a member of the French delegation to the IPCC.



Dr. Shobhakar Dhakal, Executive Director, Global Carbon Project – Tsukuba International Office, National Institute for Environmental Studies (NIES), Japan

Dr. Dhakal works with international scientific programs on global carbon cycle and its management- called Global Carbon Project, whose one of the two offices is hosted by National Institute for Environmental Studies. He is leading urban and regional carbon management initiative (www.gcp-urcm.org) and his expertise are with urban energy use and carbon emission and mitigation analyses in Asian mega-cities, and transport and CO2 issues in developing cities. He works at the interface of science and policy and has extensive experiences with intercity co-operation networks, UN agencies, science-policy dialogues, and served as expert member to agencies like International Energy Agency and others. He is author of two books, guest editors of journals, several articles in well established journals, several book chapters and has been to committee of various scientific and policy initiatives.



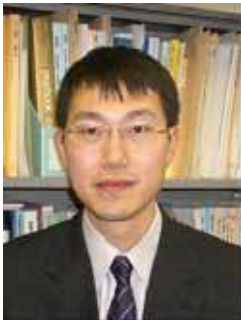
Dr. Jae Edmonds, Chief Scientist and Laboratory Fellow at the Pacific Northwest National Laboratory's (PNNL) Joint Global Change Research Institute, and Adjunct Professor of Public Policy at the University of Maryland at College Park.

He is the principal investigator for the Global Energy Technology Strategy Program to Address Climate Change, an international, public-private research collaboration. His research in the areas of long-term, global, energy, economy, and climate change spans three decades, during which time he published several books, numerous scientific papers and made countless presentations. His most recent book, *Global Energy Technology Strategy, Addressing Climate Change*, distills more than a decade of research on the role of technology in addressing climate change. Dr. Edmonds has served in the capacity of Lead Author on every major IPCC assessment to date and presently serves on the IPCC Steering Committee on "New Integrated Scenarios". He serves on numerous panels and advisory boards related to energy, technology, the economy and climate change. He received his Ph.D. in the field of Economics from Duke University in 1975.



Mr. Yoshihiro Fujii, Professor for Sophia University, Graduate School of Global Environmental Studies, Japan.

Yoshihiro Fujii, a professor for Sophia University, Graduate School of Global Environmental Studies, is focusing his concern on environmental finance in which using financial tools to mitigate environmental costs and enhance economic profits for society. Before then, Mr. Fujii was a former senior staff writer for Nihon Keizai Shimbun (Nikkei) as a financial journalist. He has written lots of books both environmental and financial fields. He is also a visiting research fellow for Japan Center for Economic Research (JCER).



Dr. Junichi Fujino, Senior Researcher, Climate Policy Assessment Section, Center for Global Environmental Research (CGER), National Institute for Environmental Studies (NIES) Japan

He is a senior researcher in the Climate Policy Assessment Section Center for Global Environmental Research (CGER) at the National Institute for Environmental Studies (NIES), Japan. His fields of research include environmental modeling analysis, especially on energy-economy system modeling and bioenergy study. He is involved in the development of the Asia-Pacific Integrated Model (AIM) to estimate climate change impact and to assess policy options for stabilizing global climate. He is currently fully engaged on “Japan Low-Carbon Society Scenario Project” since 2004. He received his B.S./M.S and Ph.D. in Electrical Engineering from the University of Tokyo, Japan. He has been working in current position since April 2000. He is visiting Associate professor, Japan Advanced Institute of Science and Technology (JAIST) and adjunct instructor, Tokyo University of Science



Dr. Kensuke Fukushi, Associate Professor, Transdisciplinary Initiative for Global Sustainability, Integrated Research System for Sustainability Science, The University of Tokyo, Japan

Kensuke Fukushi, an environmental engineer, is specialized in risk assessment and hazardous material management, especially in arsenic research. He has been conducting field work in developing region in South and Southeast Asia since 1999 while he served as an Associate Professor at Asian Institute of Technology, Thailand. Kensuke Fukushi received B.S. and M.S. from Tohoku University, Japan in Civil Engineering, and Ph.D. in Civil-Environmental Engineering from the University of Utah, U.S.A.



Mr. Jose Alberto Garibaldi, Director General, Energeia (Mexican NGO), Mexico

Jose Alberto Garibaldi is currently director General of Energeia, an Advisor to the UK Departments of Food and Rural Affairs (DEFRA) and for International Development (DFID). He has previously been a Director General in the Mexican Energy Ministry, and Head of the Energy Policy Unit there. He has worked with the World Bank, the Asian Development Bank, the African Development Bank and the Asian Development on issues related to the financing of low carbon and climate change, in the aftermath of the Gleneagles G8 summit. He has worked in all continents on issues related to climate change policy.



Dr. Guido Knoche, Project Manager, Climate Change Division, Federal Environment Agency, Dessau-Rosslau (Germany)

Guido Knoche, project manager in the Climate Change Division of the Federal Environment Agency, is conducting integrated analysis of global climate change mitigation options, in particular in energy relevant sectors of industrialized and newly industrialized countries. With his interdisciplinary background he aims at environmental sound and resource efficient policy options of sustainable development. Guido Knoche received his Diploma degree in Geo-ecology at Bayreuth University and holds a Dr. degree in Environmental Engineering Sciences of Stuttgart University (both Germany) focusing on Underground Thermal Energy Storage.



Don Gunasekera, ABARE's Chief Economist,

He manages and leads ABARE's applied research effort in fields as diverse as impacts of and response measures to climate change, and domestic and international economic issues. Don has published on—and continues to work in—a wide range of topics including the economic impacts of climate change, international agricultural trade, and the economic value of weather information. Prior to joining ABARE, Dr Gunasekera has worked in the National Competition Council, Productivity Commission, Environment Australia and the Bureau of Meteorology. Don has a PhD in economics from the Australian National University and has completed the Senior Managers in Government Program at the John F Kennedy School of Government in Harvard University.



Mariko Hanada, Associate Professor, Graduate School of Human Environment, Osaka Sangyo University

has B.A. in Economics from the University of Tokyo and Master's Degree in Behavioral Sciences from California State University, Dominguez Hills.

Her major concern is how to motivate citizens to behave with environmental-consciousness in their daily life. She and her students teach both kids and adults about the relation between their lifestyle and the global environmental problems through "learning by doing". She is the leader of "NANOHANA PROJECT" of Osaka Prefecture and a chair of home division of the agenda forum in Nara Prefecture. Her goal is to realize "sustainable local society" in partnership with local government, companies, and citizens.



Taka Hiraishi, Member of Board of Directors and Senior Consultant, Institute for Global Environmental Strategies

Obtained M.Sc in 1968, and worked in Ministry of Labour, (then) Environment Agency, Embassy of Japan in Kenya, OECD Secretariat (Environment Directorate), and UNEP (1989-1998). Since 1999, he works, among others, (part-time) for IGES, and is Co-chair of the IPCC Inventory Programme and since 2002 an IPCC Bureau Member.



Ms. Kimiko Hirata, Director, Kiko Network, Japan

She is a director of Kiko Network Japan, which is an environmental NGO specifically working on climate change issues and a domestic network of 150 organization members. She joined Kiko Network when it's founded in 1998. As a policy researcher and an activist, she has been involved in UNFCCC process since COP3 and analyzed international regime as well as domestic climate policies. Recently she led Kiko Network's project on "30% reduction scenario and policy proposals for Japan's residential and commercial sectors in 2020". Currently she also serves as Environmental Council member of the Tokyo metropolitan government, Climate Change Committee member of the Chiyoda ward, and climate issue leader of the Environmental Unit of G8 Summit NGO Forum.



HIRONO, Ryokichi, Professor Emeritus, Seikei University, Tokyo,

He graduated from the University of Chicago in 1959, and now Visiting Professor, Graduate Institute for Policy Studies (GRIPS) in Tokyo, participated in many meetings concerned with environment and development at home and overseas including many sessions of COP. Having chaired various subcommittees of Central Environment Council, Economic Deliberations Council and ODA Council of the Government of Japan (Tokyo) since 1980s and the Committee for Development Policy, U.N. Economic and Social Council (New York) since the 1990s, Prof. Hirono developed a number of international initiatives for promoting Sustainable Development. in Asia and elsewhere. Over 800 books, reports and journal articles have been published at home and overseas.



Dr. Chin Siong HO, Faculty of Built Environment, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

Chin Siong, HO, professor at Faculty of Built Environment, *Universiti Teknologi Malaysia*, Johor Bahru, Malaysia, is conducting an integrated analysis of urban planning and energy saving cities with Kyoto university and Toyohashi University Technology under the JSPS program. Recently, he has been working on the Low carbon society study using AIM model of NIES with Kyoto University. Dr. CS HO received his B Sc in Urban and Regional Planning at UTM Malaysia, M Sc Construction Management at Herriot Watt University Edinburgh, UK and Doctor of Engineering at Toyohashi University of Technology in Japan



Tetsuya Iida is a head of the corporate NPO environmental energy policy laboratory.

Tetsuya IIDA is a chief researcher of The Japan Research Institute, Ltd.. He is taking an active part as a pioneer and Inobata in the natural energy market in Japan such as the citizens pinwheels and green electric powers inside and outside the country with the natural energy policy at the top.



Prof. Jim Skea, Research Director, Energy Research Centre (UKERC), UK

Jim Skea is Research Director of the UK Energy Research Centre, an interdisciplinary initiative supported by three UK Research Councils. Until 2004, he was Director of the Policy Studies Institute, London. He has previously been Director of the Economic and Social Research Council's Global Environmental Change Programme, and Leader of the Environment Programme at SPRU University of Sussex. In 2002-03, acting as Launch Director, he established the Low Carbon Vehicle Partnership (LowCVP), a new UK initiative bringing together government departments, automotive and fuel companies, NGOs and the research base. He was awarded the OBE for services to UK sustainable transport in 2004.



Dr. Mikiko Kainuma, Project Leader, Climate Policy Assessment Project, Global Environment Research Center (CGER), National Institute for Environmental Studies (NIES), Japan

Mikiko Kainuma, a project leader of Climate Policy Assessment Project at NIES, is conducting an integrated analysis of climate change mitigation strategies by using AIM model, which she has developed with Kyoto University and several other institutes across Asia. AIM started as a tool to evaluate policy options to mitigate climate change and its impacts, and now extended its function to analyze various environmental issues. Dr. Kainuma received her B.S., M.S., and Ph.D. degrees in applied mathematics and physics from Kyoto University in Kyoto, Japan. She is a Lead Author of IPCC Fourth Assessment Report and UNEP/GEO4.



Masato Kawanishi (Mr.), Senior Advisor, Japan International Cooperation Agency (JICA)

Masato Kawanishi is a senior advisor on climate change at JICA, an implementing agency of Japanese ODA, where he is involved in a number of developmental projects, training courses and research activities. He receives a Master of Science in Environmental Technology from Imperial College London.



Dr. Jiang Kejun, Director of Energy System Analysis and Market Analysis Research Center, Energy Research Institute, China

He received his Ph. D in Tokyo Institute of Technology in 1999. From 1993, Kejun Jiang began the research on climate change relative to energy policy analysis, which focuses on energy technology policy assessment, energy supply policy assessment, renewable energy development and energy conservation. Leading Integrated Policy Assessment Model for China (IPAC) team, he is mainly working on policy assessment. Major focus includes energy policy, energy system, energy market analysis, and climate change, local environment policies and international negotiation. Since 1997, he has worked with IPCC for Special Report on Emission Scenario and Working Group III Third Assessment Report. He is leader author for IPCC WGIII AR4 Chapter 3, and leader author for GEO-4 Chapter 2.



Akiyasu Kurishima, Director of Urban and Regional Policy Division, Urban and Regional Development Bureau, MLIT (Ministry of Land, Infrastructure, Transport and Tourism)

In 1981, he graduated from The University of Tokyo (LLB), and joined the Ministry of Construction. He was posted at the OECD Secretariat; Executive Officer for Housing Planning, and Director for General Policy Planning in MLIT; and Director of Traffic Enforcement Division in the National Police Agency.



LAL, Murari. Advisor and Head (EHS), Reliance Energy Limited, Noida, INDIA

Lal holds a Doctoral Degree in Geophysics and has over 35 years of professional experience in specialised areas like Global and Regional / Monsoon Climate and its Variability – Scenario Development, Regional Environmental Change – Integrated Approach, Sectoral Vulnerability Assessment, Air Quality - EIA/SEA Methods and Practices including Management of Risks and Hazards, Regional Adaptation and Mitigation Approaches, Carbon Sequestration Potentials and Energy Efficiency – Clean Development Mechanism Opportunities and Options, Natural Resource Management and Environmental Planning and Management, Technological Options and Interventions – Environmental and Economic Feasibility, Policy Development including Multilateral Environmental Agreements in Asia – Pacific Regional Context, Social Dimensions and Sustainable Development.



MALLA, Sunil. Consultant, Technology Consultancy Services (TCS), Kathmandu, Nepal.

Prior to joining TCS in 2007, Sunil worked as a senior researcher and faculty (adjunct) at Asian Institute of Technology (AIT), Thailand. In the past, he has also worked as a researcher and a consultant for United Nations Environment Programme and Asian Development Bank. His major area of research includes modeling of energy systems development and its environmental implications. Born in Nepal, he received his B.E. in electrical engineering from National Institute of Technology – Rourkela (India), M.E. in energy technology from AIT and Ph.D. in economics from University of Hawai'i – Manoa



Dr. Toshihiko Masui, Head of the Integrated Assessment Section Social and Environmental Systems Division National Institute for Environmental Studies Japan

Toshihiko Masui is a head of the Integrated Assessment Section, Social and Environmental Systems Division at the National Institute for Environmental Studies (NIES). He is a member of the Asia-Pacific Integrated Model (AIM) team in NIES, and in charge of development of the emission module in the AIM model. He is also Associate Professor of Social Engineering at Tokyo Institute of Technology, in Japan. He received a doctoral degree from Osaka University.



Teruaki Masumoto, Executive Advisor to Tokyo Electric Power

Teruaki Masumoto is one of the representatives of speaker for industry group of Japan on “Energy and Climate”. He was a Chairman, Subcommittee on Global Environment and Committee on Environment and Safety, Japan Business Federation (Keidanren). He was also a Member, Central Environment Council, Ministry of the Environment. After graduated from Political Science and Economics, Waseda University, Japan at 1962, he joined Tokyo Electric Power Company. Masumoto has held a number of important positions in the company including : 1999, Director of corporate Communications Department; 2001-02, Executive Vice-President; 2002-2004. He became Director and Vice-Chairman of the Federation of Electric Power Companies. 2007, he retired director and assumed present position. Currently Masumoto is a Member of Executive Committee, WBCSD.



Dr. Keisuke Matsuhashi, Senior Researcher, Transport and Urban Environment Section, Social and Environmental Systems Division, National Institute for Environmental Studies (NIES), Japan

Keisuke Matsuhashi, a senior researcher of Transport and Urban Environment Section at NIES, is conducting a comprehensive assessment of future transport systems and urban forms by using automobile CO₂ emission inventories in city scale, which he has estimated. His research interests include public participation in regional planning.

Dr. Matsuhashi received his B.E, M.E, and Ph.D. degrees in urban engineering from Tokyo University, Japan.



Dr. Naoki Matsuo CEOs of Climate Experts, Ltd. and PEAR Carbon Offset Initiative, Ltd.

Naoki Matsuo has been a researcher of climate mitigation for 18 years at IEE, GISPRI and IGES. His field covers international negotiation, P&Ms, CDM to consumers' behavior. He participated in in-depth review processes under UNFCCC. He started his consultancy business for Japanese companies and JBIC in 2002. Among others, he was the developer of the first approved CDM methodology. He has just initiated an innovative carbon offsetting social venture which is trying to realize co-benefits type CDM projects as well as to provide a platform of carbon management practices for individual consumers.



Dr. Yuzuru Matsuoka, Professor, Hall of Global Environmental Study Kyoto University

Professor, Hall of Global Environmental studies, Kyoto University, Japan. Born in Japan, 1950,. he graduated Faculty of Engineering, Kyoto University in 1973, and received M. Engineering and Doctor of Engineering from Kyoto University in 1975, and 1986, respectively. His major research area is on global environmental change, especially integrated assessment modeling of global environmental problem. He is one of the founders of Asian-Pacific Integrated Model (AIM), and has developed energy-economic models and impact models. He is now on developing and organizing the models of the Japan low-carbon society project.



Dr. Yuichi Moriguchi, Director, Research Center for Material Cycles and Waste Management, NIES / Visiting Professor, Graduate School of Frontier Sciences, The University of Tokyo.

Yuichi Moriguchi, who holds Dr. Eng., graduated from the Faculty of Engineering at Kyoto University and joined the NIES in 1982. His research field covers the prevention of transport pollution, GHG emission inventory, life cycle assessment, material flow analysis, and environmental indicators. He has engaged in the Japanese LCS project as one of the team-leaders. In his early career, he had also worked for the Environment Agency of Japan and for the OECD Environment Directorate in Paris. He is appointed to the chairperson of the Working Group on Environmental Information and Outlooks in OECD, and to an initial member of the International Panel for Sustainable Resource Management.



Stanford Mwakasonda senior researcher at the Energy Research Centre (ERC), University of Cape Town, South Africa

He belongs to be with over ten years of experience on energy and climate change. His current work is on energy and climate change policies, Clean Development Mechanism (CDM), GHG inventories and sustainable development. His previous experience includes renewable energy analysis, environment impact assessment programs and petroleum policy and management. He served on the CDM Methodology Panel from 2004-6, and is a Lead Reviewer in the UNFCCC roster of experts for Annex I countries GHG inventory review program. He has made a number of publications, including journal articles and book chapters. His background academic qualification includes a Masters degree in Business Administration (MBA) and a Bachelors degree in Engineering. Mr. Mwakasonda has worked as a consultant for a number of international companies and organizations, within and outside Africa.



Ikuo Nishimura, Group Manager, International Environmental Business Group, Environment Department, Tokyo Electric Power Company

B.E., Department of Architecture, School of Science & Engineering, Waseda University (1987). Master of City Planning, Department of Urban Studies & Planning, School of Architecture & Planning, Massachusetts Institute of Technology (1993). Joined the Tokyo Electric Power Company in 1987. Since 1994, has been engaged in the corporate climate strategy and supported the development of voluntary environmental initiatives of Japanese industries. Since 2007, holding the current position. Member of the Working Group on Global Environment Strategy, Nippon-Keidanren (Japan Business Federation). From 1999 to 2002, seconded to the Global Climate Change Unit, the World Bank as a senior environmental specialist. During this period, contributed to the National AIJ/JI/CDM Strategy Studies, as the Programme Coordinator, and also engaged in the technical assessment and the preparation of GHG reduction projects for the Prototype Carbon Fund.



Dr. Shuzo Nishioka, Senior Advisor, National Institute for Environmental Studies

Senior Research Advisor, Institute for Global Environmental Strategies(IGES) Japan

PhD.(University of Tokyo, engineering). Served as Professor of Tokyo Institute of Technology, Keio University, Visiting Researcher of MIT, Executive Director of the National Institute for Environmental Studies (NIES) Japan, also as Coordinating Lead Author and Vice Chair of IPCCWGII since 1988. Project leader of “Japan Low Carbon Society Scenarios toward 2050”, which is research project to establish methodology for evaluating middle to long term environmental policy options toward low carbon society in Japan



Dr. Michael Norton PhD FRSC; Professor, Innovation Management Shinshu University

He has been teaching innovation management at Shinshu University since 2006. Prior to that (2004-6) he taught graduate courses at Tokyo Institute of Technology on innovation and wealth creation, environmental protection and sustainable development, and in science communication. He graduated in chemistry (degree and PhD) at Bristol University, and carried out postdoctoral research at the University of Alberta, Canada. After four years research in the UK chemical industry (ICI Ltd), he joined the UK government science service in the field of environmental pollution control and biosciences. He acted as science adviser to the UK Parliament from 1989 to 1998 before becoming Counsellor (Science and Technology) at the British Embassy in Tokyo (1998-2004). During that time he started a series of collaborative research programmes and expert workshops between UK in Japan on global warming and other environmental fields (e.g. sustainable engineering)



**Masa OHARA, Director for Environmental Policy Division,
Bureau of Environment Tokyo Metropolitan Government**

Masa OHARA participated in "My bag campaign" beginning that aimed at the garbage loss in weight in 1994 and designed the naming of 'My bag'. Moreover, he planned "Diesel car NO operation" in 1999. And he led making of light oil in Japan super-low sulfur, and contributed to the diesel car restriction achievement in the metropolitan area. He takes charge of Global warming measures up to the present time in 2006. He expand a coordinated relation among the enterprise, the citizens, the municipality all over Japan, and Win-Win and ..project that expands the use of renewable energy.. promote it. He is moving the biodiesel fuel practical use project the green energy purchase forum and generateon 2 and the solar energy use expansion conferences, etc. now.



Professor Ogunlade R. Davidson has been a Professor of Engineering for the past 16 years and is presently Dean of Post Graduate Studies at the University of Sierra Leone. Internationally, he is the Co-Chair of Working Group III of (IPCC) where is has chaired the approval of seven reports, Co-Chair of the Steering Committee of the Global Network on Energy for Sustainable Development and Chair of the Energy Task Force on Sustainable Energy of the Regional Office of ICSU. His research interests include development of African Energy Systems and Policies (Transportation, Power sector, Renewable Energy), Climate Change (GHG Mitigation, National Climate Change strategies). He is a member of many international bodies and has worked as a Consultant for several national and international bodies including UNESCO, UNIDO, ILO, UNECA, UNDP, UNEP, GEF, UNFCCC, NEPAD, African Development Bank, World Bank, Batelle laboratories and Carnegie Corporation New York.. He has undertaken many national international funded R&D projects



**Dr. Teruo OKAZAKI, General Manager, Global
Environmental Affairs Department, Environmental Affairs
Division, Nippon Steel Corporation (NSC)**

Teruo OKAZAKI joined NSC as a mechanical engineer in 1978 after graduating from Tokyo Institute of Technology. Since then in Oita works and Nagoya works, worked in steelmaking and production management field. In 1997, moved to the current department in the head office, Tokyo. Currently a chair of the international environment strategic committee in Japan Iron and Steel Federation. Received Ph.D. degree in Materials Science of Imperial College, London. Is a Contributing Author for the WG3 chapter 7of IPCC Fourth Assessment Report.



Ichiro OZAWA、 Vice president, City Planning Institute of JAPAN

Visiting Professor, WASEDA Univ.Special advisor, JFE steel co.Counselor, CHIYODA ward

He has been engaged in city planning for more than 30 years in Ministry of Construction (now Ministry of Land, Infrastructure and Transportation)

Especially he has been making lots of contribution to the development of national policies and projects on “Urban Renaissance” which has been aiming to regenerate cities and towns of the country. Recently he has been making a new contribution to develop low carbon policy and action program in the field of city planning and urban regeneration projects. These have been incorporated both in the activities of CPIJ and the policy-making on low carbon urban renewal for CHIYODA ward and other municipalities.



Mr. André Santos Pereira, researcher, Center for Integrated Studies on Climate Change and the Environment (CentroClima), Coordination of Post-Graduation Programmes in Engineering (COPPE), Federal University of Rio de Janeiro (UFRJ), Brazil.

Since 1999 André Pereira has been collaborating in several CentroClima research projects in cross-cutting issues among energy, environment, development and climate change. He is a Ph.D candidate in Environmental Economics (School of High Studies in Social Sciences, Paris), with a M.Sc. in Energy Planning and a Bachelor degree in Economics, both at Federal University of Rio de Janeiro. He has also been collaborating with some CIRED research projects. Among his research topics Brazilian Proposal, CDM and Biofuels can be highlighted.



Chris Pook

Chris Pook was appointed Counsellor, Science and Innovation at the British Embassy Tokyo in December 2005. Before moving to Tokyo, Chris was Secretary to the UK's Technology Strategy Board and was Science Attaché at the British Embassy in Washington from 2001-4. He has held various posts in the Department of Trade and Industry covering innovation policy, mergers and acquisitions and nuclear liabilities management. Chris was Private Secretary to successive Ministers of State from 1995 to 1997 and spent two years on secondment to BG plc. Chris has a degree in microbiology and a research background in genetics and biotechnology.



M. Sasanouchi, Senior General Manager of CSR Environmental Affairs Division

He received bachelor's degree of electric engineering (1974 Keio Univ.) and has spent his professional career of 30 years in Toyota Motor Corporation. He was a member of working group of Keidanren Industrial Technology Committee from 1994 to 1998. He is currently a liaison delegate of WBCSD, the chairperson of the sub-committee on environmental policy of the Environment Committee of Japan Automobile Manufacturers Association, and Working Group on Global Environment Strategy of Nippon Keidanren.



Dr. Yasuhiro Sasano, Director of Center for Global Environmental Research (CGER), National Institute for Environmental Studies (NIES), Japan

Yasuhiro Sasano, who was assigned the director of CGER in April 2006, has been working mainly in the fields of remote sensing of the atmospheric environment since he joined NIES in 1977, and has expanded his interests to climate change issues. He was in charge of the satellite observation project (ILAS and ILAS-II) for the stratospheric ozone layer from 1990 to 2004. He also served the Secretariat Office for the Council for Science and Technology Policy (CSTP), Cabinet Office of the Japanese Government, as the Director for Environment and Energy from 2002 to 2004. He received his B. S., M. S., and D. Sc. degrees from Tohoku University, Japan.



Charles Secrett, Special Advisor on Climate, Environment and Sustainability to the Office of The Mayor of London and Visit London.

He is a Board Member of the London Development Agency, and Chair of its Health and Sustainability Advisory Group. He was part of the core team that developed the London Climate Change Action Plan, and has been instrumental in developing and promoting a number of other key London climate and sustainability initiatives, including the Green Homes Service programme, the Sustainable Industries Business Park and 'Wild London, Open London'. He has been Chair of the Triodos Bank Renewable Energy Fund since 2004, a community-oriented enterprise whose investment portfolio has grown from £7 million since then to £40 million today. He was a member of the UK Government's Roundtable/Commission for Sustainable Development between 1993-2003.



Dr. Narito Shibaïke, Councillor Corporate Environmental Affairs Division Matsushita Electric Industrial Co., Ltd.

In 1978, he graduated The University of Tokyo, and joined Panasonic. His background is mechanical engineering and material science. In 1994-1995, he worked for the University of Cambridge researching into environmentally conscious design methodology focusing on materials selection in mechanical design. After conducting the three years' national program of "Demonstration test of stationary fuel cell cogeneration systems," Dr Shibaïke is presently involved in the APP (Asia Pacific Partnership on Clean Development & Climate) as a representative from Japanese industry. His current interest is to develop appropriate indicators for promoting energy efficient appliances in many countries.



Mr. Shigeru Hikone, Principal, Ove Arup & Partners Japan Limited, Japan

Shigeru Hikone, a group leader of Japan office transferred from Ove Arup & Partners in London. He has over 35 years of experience of engineering design for a wide range of buildings and industrial facilities. He received BCs and MS degree in Architectural Engineering from Tokyo Institute of Technology in Tokyo. He is a member of AIJ and the Institution of Structural Engineering (UK). He is a qualified in First class licensed Architect and Chartered Engineer (UK). He is a member of Arup's research network hosted by Jeremy Watson and motivates the research activities in Tokyo office linking with business.



Dr. Emil Salim, President's Council of Advisors, (Former Minister of the Environment), Indonesia

Dr. Emil Salim, whose background is in Engineering and Economics, received a Ph. D. from the University of California, Berkley. After he became Minister of State for Administrative Reform in 1971 at the age of 41, Dr. Salim served four terms of ministerial positions in Indonesia over 22 years, including being the first Minister of the Environment. Dr. Salim has addressed from early on the environmental problems in developing nations in Asia, and as the chairman of the ASEAN Environment Ministerial Congress set the target, the scope, the program and the action plan for the ASEAN nations to cooperate on environmental issues. He also contributed to establishing the concept of sustainable development and furthering global environmental policies through various United Nations committees. He is currently serving on the President's Council of Advisors in Indonesia.



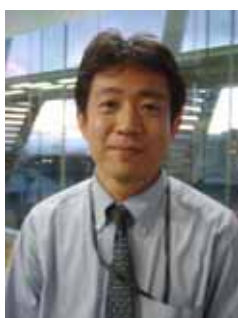
Prof. Ram Manohar Shrestha, Professor, Asian Institute of Technology (AIT), Thailand

Ram Shrestha is currently a professor of Energy Economics and Planning at the Asian Institute of Technology (AIT), Thailand. Professor Shrestha serves as the Editor of International Energy Journal and as an Associate Editor of Energy-The International Journal and Energy Economics. He is also a member of the Editorial Board of the ASCE Journal of Energy Engineering. He is a coauthor of 3 books (namely, Energy Policies in Asia, Bio-coal Technology and Economics, and Baseline Methodologies for Clean Development Mechanism Project: A Guidebook) and has published extensively in refereed international journals including Journal of Environmental Economics and Management, Energy Economics, The Energy Journal, Energy Policy, Resource and Energy Economics. He is a recipient of The Energy Journal's Best Paper Award from International Association for Energy Economics (IAEE).



Prof. P. R. Shukla, Professor in Public Systems Group, Indian Institute of Management, India

P.R. Shukla is a Professor in Public Systems Group at the Indian Institute of Management, Ahmedabad, India. He holds a Ph.D. from Stanford University. He is a consultant and advisor to Governments and international organizations. He has been a member of official Indian delegation to the Conference of Parties to the UNFCCC. Prof. Shukla is a member of several international teams working on energy and environment modeling and policy studies. He is a lead author of several international reports including eight IPCC reports. His publications include twelve books and numerous publications in international journals in the areas of development, energy, environment and climate change policies.



Mr. Tomonori Sudo, Advisor, Coordination Division, Development Assistance Strategy Department, Japan Bank for International Cooperation (JBIC), JAPAN

Tomonori Sudo, an advisor of Development Assistance Department at JBIC, is in charge of climate policy planning in JBIC's Overseas Economic Cooperation Operations (ODA Loan operation) and member of Japanese Delegation to the OECD Development Assistance Committee (DAC). He has experiences of ODA loan operation to Indonesia, Malaysia, Bangladesh and China. In addition, he was conducted researches on climate policy in Asian countries at IGES. Mr. Sudo received his B.A. in Economics from Osaka University in Osaka, Japan and M.Sc in Environmental & Resource Economics from University of London (UCL).



Mr. Takejiro Sueyoshi, special adviser of Asia-Pacific region, UNEP Finance Initiative, and former Deputy president of Nikko Asset Management Co., Ltd. in Tokyo.

Mr. Sueyoshi, after his long carrier in banking, is involved in UNEP Finance Initiative as a steering committee member and currently served as special adviser of the Asia-pacific region. Mr. Sueyoshi received bachelor's degree in economics from Tokyo University in 1967. Since then he has spent his professional career of 31 years in the Mitsubishi Bank Ltd. From 1989 he was working at North America Head Quarters in New York and the New York branch and served as a president of the Bank of Tokyo-Mitsubishi Trust Co., Ltd. New York from 1996 to 1998. Then he has served as Deputy President and an Executive Committee member of Nikko Asset Management Co., Ltd. in Tokyo.



Tae Yong JUNG, Ph.D., Senior Economist, The Asian Development Bank (ADB), Philippines

His research areas are energy and environmental modeling, clean energy financing. He has special interest in economic development and environmental concerns. He was one of lead authors of IPCC Special Report on Emission Scenario (SRES). He has been a visiting fellow at Pacific Northwest National Laboratory of USA, Economic Research Institute of Kyoto University, and National Institute for Environmental Studies of Japan. He was in Korea Energy Economics Institute. He joined Institute for Global Environmental Strategies (IGES), Japan in 1999, where he was a project leader for the Climate Policy Project. Before he joined the ADB, he worked at the World Bank where he was involved in the World Bank's activity on 'clean energy and development: towards an investment framework'. Dr. Jung received his Ph.D. in Economics from Rutgers University.



Mr. Yasuo Takahashi, Director, Office of Market Mechanisms, Climate Change Policy Division, Global Environment Bureau, Ministry of the Environment, Japan

Yasuo Takahashi, in the Ministry of the Environment, is responsible for issues relating to Kyoto Mechanisms, domestic emission trading, and low carbon society. After receiving his M. Engineering from the University of Tokyo in 1983, he started to work at the Environment Agency (Ministry of the Environment since 2001). From 1991 to 1994, he was posted at Japanese Delegation to the OECD. On climate change, Mr. Takahashi was a member of the Japanese negotiation team from COP6 to COP10.



Mr. Ralph Torrie, Vice President, ICF International, Canada

Ralph Torrie is an expert in the field of energy and environment with 30 years of entrepreneurial and consulting experience that includes hundreds of initiatives in research, business development, and advocacy. He is the co-inventor of environmental planning software that has been translated into several languages and is used by more than 300 municipalities, companies and institutions on five Continents. He has just completed a scenario analysis for the National Round Table on Environment and Economy in which Canadian greenhouse gas emissions are reduced to 40% of current levels by 2050. He is a recipient of the Canadian Environment Silver Award for his work on the climate change issue.



Haruki Tsuchiya ,The president of Research Institute for Systems Technology

He founded it in 1979. He has worked in energy system analysis and published books and many articles on future energy scenarios emphasizing efficiency improvement and renewable energy toward sustainable development. His energy concept is “ To Energy Cultivating Civilization based on renewable energy from Energy Hunting Civilization of digging fossil fuels underground” He calculated that man has 10 slaves in terms of carbon dioxide emission as he emits 1 kg CO₂ every day by breathing while he consumes fossil fuels to emit 10 kg CO₂ daily on the earth. He was as an author of 2nd Group of IPCC 2nd report in 1995. He worked as a member of several national committees on future energy technology. He is an advisor to Low Carbon Society Project of National Institute for Environmental Studies. He received B.E, M.E and Dr of Engineering at University of Tokyo.



Mr. Naoya Tsukamoto,Director Research and Information Office Global Environment Bureau Ministry of the Environment

Mr.Tsukamoto started his job at the Ministry of the Environment of Japan in 1986. Since then he worked on a wide range of issues from local pollution control to regional and global environment and now he is working mostly on the climate change. During his service, he has worked at the World Bank for four years and at Delegation of Japan to OECD for three years.Mr. Tsukamoto received his Bachelor of Science from the University of Tokyo, Japan and Master of Environment Science from Johns Hopkins University, USA.



Mr. Shu WANG, Project officer, Office of National Climate Coordination Committee, National Development and Reform Commission, China

He has a Master of Environmental Economics, is responsible for CDM project application and management in DNA of China, and other issues related to climate change.



Mr. David Warrilow, Deputy Director for Climate, Energy and Ozone, Science and Analysis in the UK's Department for Environment, Food and Rural Affairs (DEFRA).

David Warrilow is responsible for scientific, technical and analytical aspects of climate change, ozone depletion and energy use at the UK's Department for Environment, Food and Rural Affairs (DEFRA). He is also the policy lead for the UK's international policies on adaptation to climate change and for the UK's international and domestic policies on Protection of the Stratosphere under the Montreal Protocol. He is responsible for ensuring that the UK Government receives sound scientific advice on climate change with regard to both its domestic activities and international negotiations. He heads the UK's delegation to the IPCC and leads on the technical matters covered by the Subsidiary Body on Science and Technology of the Climate Change Convention. He manages a £20 million research programme which provides policy relevant scientific advice and evidence. His own scientific background covers climate modeling, land-surface processes and hydrology.



Professor Jeremy Watson, MSc DPhil CEng FIET MIEEE

He is Arup's Global Research Director, responsible for Group Research Strategy and the Research Consulting Business. He has held research and technical management roles in industry and academe including service with the DTI and EPSRC. His specialities include Strategic Technology Development and Transfer, Innovation Processes and NPD Management. He also has technical expertise in Industrial Instrumentation and Control, Power Electronics, Signal Processing and Biomedical Engineering. Current research interests include Renewable Energy, Control for Energy Efficiency and Ambient Assistive Technologies. He is a Chartered Engineer and Fellow of the IET (Chairman: IET Control & Instrumentation Sector Panel), a Senior Member of IEEE and Visiting Professor at the Universities of Southampton and Sussex, and has recently been appointed as a Board Member of the UK Government Technology and Strategy Board.



Dr. Jim Watson, Senior Fellow at SPRU, University of Sussex, UK

He trained as an engineer, and has worked at SPRU since 1997. He is Deputy Director of the Sussex Energy Group, an interdisciplinary team of social scientists conducting research on economic, policy and social aspects of energy and climate change. Is also a deputy leader of the Tyndall Centre's Climate Change and Energy Programme. His research includes work on distributed energy systems, carbon capture and storage, and energy in China. He frequently provides advice to UK government departments, foreign governments and international bodies. This has included working with the China Council from 1998 to 2003 to advise the Chinese government on cleaner technologies. He is currently a Specialist Adviser to the Environment, Food and Rural Affairs Committee within the UK House of Commons.



Mr. Suguru Yamaryo, Project Leader, MOTTAINAI Campaign, Media Business Division, ITOCHU Corporation, Japan

Suguru Yamaryo, a project leader of MOTTAINAI Campaign at ITOCHU Corporation, is conducting an environmentally-friendly brand "MOTTAINAI", which was proposed by honorary professor Wangari Maathai, the first environmental activist who won the Nobel Peace Prize in 2004. MOTTAINAI, whose origin is a Buddhist term has a meaning of respects for ties with everything, intends to commercialize products incorporating the concept of "3R's (Reuse, Reduce, Recycle) + Respect" in world wide basis.



Dr. Isamu Yasuda, General Manager, Technology Research Institute, Tokyo Gas Co., Ltd., Japan

Isamu Yasuda, a General Manager of Technology Research Institute of Tokyo Gas Co., Ltd., has been long involved in research and development of fuel cells and hydrogen production technologies and is now managing fundamental technology research areas in gas industries such as biomass, LCA, hydrogen, pipeline corrosion and maintenance and chemical analyses. His recent concerns have extended to LCS based on hydrogen with/without distributed CCS. Dr. Yasuda received his B.S., M.S., and Ph.D. degrees in applied chemistry from University of Tokyo, Japan.



Mr. Yoshiaki Yamanaka, Director General, Environment Department, Shiga Prefectural Government

Yoshiaki Yamanaka is a head of the Environment Department of Shiga, which covers environmental protection, forestry and waste & sewerage management. As Shiga has Lake Biwa, the largest fresh water body in Japan supplying water for fourteen million people, the sustainable lake management is the key challenge. Lake Biwa is sensitive to global warming, being categorized as an ancient lake with the indigenous ecosystem. Mr. Yamanaka contributed to making “World Lake Vision, launched at the 3rd World Water Forum with the cooperation of UNEP, ILEC and other international organizations. He started Sustainable Shiga Project in 2004 that aims to cut Co2 emissions by 50% until 2030.