



# Assistance for Action

## Aviation and Climate Change Seminar



ICAO Headquarters, Montréal, Canada, 23 – 24 October 2012

### MS. MARYAM AL-BALOOSHI

Ms. Maryam Al-Balooshi is the Environment Manager of the General Civil Aviation Authority (GCAA) of United Arab Emirates. Appointed for the second time as the head of Arab civil aviation Commission, Elected from 2010 to be the focal point of ACAC in CAEP.

Prior to her appointed as Environmental Manger in the GCAA she held the position of Environment Manager of Dubai Airports Company. During her work she worked in the formation of UAE aviation environment policy which was endorsed by all the aviation government in 2012. During her career in the Dubai Airports Company she structured and drafted the Environment Management Plan for Dubai Airports Operation.

Ms. Al-Balooshi holds a Engineering Diploma in Chemical Engineering and a Master Degree in Environmental Science.

As hobbies she likes to write, having published a series of Arabic articles. A calligrapher and her calligraphy works is going to be publicly admired in a future exhibition which will be prepared for next year.

### MR. WENDY ARITENANG

Mr. Wendy Aritenang was born in Jakarta-Indonesia in 1954, now he serves as Senior Advisor for Environment to the Minister of Transport – Indonesia, as well as a member of Board of Commissioner of the Garuda Indonesia Airline.

He was appointed as the Deputy Minister of Science and Technology (2003 to 2005), Secretary General of Ministry of Transport (2005 to 2007) , Director General of Railway (2007 to 2009) .

He received a PhD in Civil Engineering in 1989 from the University of London UK at Imperial College of Science and Technology.



**Ms. Maryam Al  
Balooshi**  
Environment Manager ,  
GCAA  
United Arab Emirates



**Dr. Wendy Aritenang**  
Special Adviser to the  
Minister of  
Transportation  
Indonesia



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## MS ELINA BARDRAM

Ms Elina Bardram was appointed as a Head of Unit, for International Carbon Markets, Aviation and Maritime Unit in European Commission's Directorate-General for Climate Action as of 1 July, 2012.

Prior to this Ms Bardram served as a Deputy Head of Unit for Climate Finance and Deforestation and was actively engaged in the UNFCCC negotiations. Between 2003- 2010, Ms. Bardram worked in the in the policy coordination and strategy directorate of the External Relations Directorate-General, where she led a team developing EU outreach capacities, presence and campaigning in third countries.

Before joining the European Commission, Ms Bardram served at the UN country office in Nigeria and was employed in the business consulting sector covering assignments for both public and private sector clients in Europe.

Ms Bardram holds a Ph.D. in economics from Vienna University of Economics and Business. Her academic work has focused on the impacts of globalization.

## MR. RAYMOND BENJAMIN

Mr. Raymond Benjamin is Secretary General of the International Civil Aviation Organization since August 2009. His extensive career in civil aviation spans more than 30 years. It includes 13 years as Executive Secretary of the European Civil Aviation Conference (ECAC) where he was responsible for the development of policy advice and strategic options to the President and to the 42 Member States of the Conference.

Prior to joining ECAC, Mr. Benjamin was Chief of the Aviation Security Branch of the Air Transport Bureau of ICAO from 1989 to 1994. Among his responsibilities was the provision of advice to the Secretary General and the President of the Council on security policy matters and the development of a worldwide airport assessment and technical assistance programme.



**Ms. Elina Bardram**

Head of Unit,  
International Carbon  
Markets, Aviation and  
Maritime Unite,

Directorate General for  
Climate Change



**Mr. Raymond Benjamin**

Secretary General of ICAO



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He also served as Air Transport Officer and Deputy Secretary of ECAC from 1982 to 1989 and held various positions in the Civil Aviation Administration of France from 1973 to 1982.

Mr. Benjamin holds a Master's degree in Public Law and Diplomas from the Institute of Political Studies and the Institute of Higher International Studies, Paris. A French citizen, he was born on 24 November 1945, in Alexandria, Egypt.

### Mr. FERDINANDO COLAVITA

Ferdinando Colavita is a graduate of the Institut de tourisme et d'hôtellerie du Québec in hotel management. Since then he has occupied several positions related to customer service activities. In late 1997 he joined Aéroports de Montréal, where he has occupied several positions throughout the years.

Mr. Colavita was recently promoted to the position of Attaché to the office of the President (Mr. James C. Cherry). This new position will help him learn the general management philosophy of Aéroports de Montréal in order for him to accede to a management position.

Having his colleagues' interests at heart, Mr. Colavita has also been President of the Employees Social Club for more than two years and endeavors to organize - with passion - quality social events.

### MR. BOUBACAR DJIBO

Mr. Djibo is currently the Director, Air Transport Bureau at the International Civil Aviation Organization (ICAO), a position he assumed 7 November 2011. Immediately before taking up the position with ICAO, Mr. Djibo was the Secretary General of the African Civil Aviation Commission (AFCAC). Prior to that, Mr. Djibo has worked in the aviation industry since 1984.

Mr. Djibo holds a Diplôme d'Etudes Supérieures Spécialisées (DESS) en Transport et Distribution Maritime et Aérien from the Université de Paris I Sorbonne and a Diplôme d'Ingénieur option Transport Aérien from the Ecole Nationale de l'Aviation Civile de Toulouse (France).



**Mr. Ferdinando Colavita**

Attaché to the office of the President,

Aéroports de Montreal



**Mr. Boubacar Djibo**

Director, Air Transport Bureau(ATB)

ICAO



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He has also completed an Advanced Study Program in Strategic Management at the Massachusetts Institute of Technology (MIT).

Mr. Djibo has served on the Board of Directors of Air Afrique and the Agency for Aerial Navigation Safety in Africa and Madagascar (ASECNA).

His current duties, as Director, include management of the Bureau to facilitate the delivery of two of ICAO's strategic objectives, namely aviation security and environmental protection and sustainable development of air transport. In addition, the Bureau contributes to the strategic objective related to safety.

## MR. FREDERIC EYCHENNE

Mr. Frederic EYCHENNE has been Airbus New Energies Programme Manager since May 2011 within the Environmental Affairs department. In this role, Frederic manages all the Airbus Alternative Fuels Value Chain Projects. He also contributes to all initiatives in conformance to the Airbus New Energies strategy. He is sharing the information throughout the energy network and contributes to represent Airbus alternative fuels at conferences and to the press.

Frederic started his career in Toulouse (1987) working in Biometrics for an agronomic and seed selection company. He joined another company (1991) to take the lead of a Business Unit for IS Project Management and Consulting activities.

He joined Airbus (2002) in Concurrent Engineering Department playing a significant role in Process and Tools harmonization in developing new Product Data Management for Electricity and Systems Configuration Management (CM) for the A380, A400M and A350 Programmes.

Frederic was born in Toulouse in 1965. He graduated with an Engineering Degree in Computer Science. Frederic is married with two children and enjoys family life, Rugby, and Golf.



**Mr. Frederic  
Eychenne**

Airbus New Energies  
Programme Manager,

Airbus



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## MS. Blandine Ferrier

Blandine Ferrier is an associate environmental officer at ICAO. She is the project coordinator for the States Action Plan activities. In this capacity, she leads the development of guidance and the website for the preparation of the action plans, regional training of States, and the provision of individual assistance and follow-up. In addition, she is responsible for the organization of the ICAO environmental events, including the Assistance for Action – Aviation and Climate Change seminar, and for the publication of the ICAO Environmental Reports.

Prior to joining ICAO, Ms. Ferrier was Environmental and Quality Manager at Liege Airport in Belgium where she was responsible for airport environmental and quality services.

Ms. Ferrier holds a Master's Degree in Environmental Law and Regional Development and a postgraduate degree in Environmental Pollution and Nuisances, both from Strasbourg University.

## MR. IVAN GALAN

Mr. Ivan Galan is the Director, ICAO's Technical Co-operation Bureau (TCB). The Director of the Technical Co-operation Bureau (D/TCB), under the delegated authority of the Secretary General, is responsible for managing and coordinating the work and staff of the Bureau, and for the planning, development and implementation of ICAO technical cooperation projects and activities.

The Bureau advises and assists States in identifying and formulating country and inter-country programmes and project requests associated with the overall planning, preparation, execution and management of civil aviation-assisted projects financed by the State, and/or by third parties including the United Nations Development Programme (UNDP), Trust Fund Agreements, international financial institutions, International Financial Facility for Aviation Safety (IFFAS), the private sector and other funding sources. The Bureau establishes and maintains a roster of qualified contractors and experts who can be rapidly deployed to meet project requirements.

Prior to joining ICAO, Mr. Galan was a Director, Accident Prevention/Investigation and Deputy Director, Planning Directorate, DGAC, Chile. He is also a retired Colonel with 4,000 flying hours.



**Mr. Ivan Galan**  
Director Technical  
Co-operation Bureau

ICAO



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Mr. Galan has Master's degree in Business Administration (MBA) and in Aeronautics Science.

## MR. VINCE GALOTTI

Mr. Vince Galotti is the Deputy Director, Safety Standardization and Infrastructure of the Air Navigation Bureau at ICAO.

Prior to this, he was the Chief of Air Traffic Management. Prior to his posting in Montréal, he worked for ICAO in its Paris Office as a Technical Officer.

He also worked as an air traffic controller and ATS instructor in Saudi Arabia for a period of six years. After his time in Saudi Arabia, he attended Embry-Riddle Aeronautical University in Daytona Beach Florida where he earned a Master's Degree in Aeronautical Science. He also taught at the University as an Adjunct Instructor and worked as a Research Assistant.

Mr. Galotti began his aviation career as an air traffic controller working for the Federal Aviation Administration in the New York Air Route Traffic Control Center.

He has written extensively on aviation issues including a textbook on the Future Air Navigation System, published by Ashgate in 1997.

## MR. YUSFANDRI GONA

Yusfandri Gona, was appointed as Team Leader of Air Transportation Working Group on Climate Change and Mitigation of GHG since 2011, He was joint DGCA on 1988 and has abroad experience in aviation such as airworthiness and operational principle inspector, airlines auditor, instructor, and have been appointed as Deputy Director of DAAO-DGCA on Engineering and Aeronautical Product, (2005-2011), Chairperson of ICAO RVSM Task Force Region Asia Pacific (2002-2007), Indonesian Representative (Observers) in ICAO CAEP (2012).

He was a graduate as Flight Test Engineer from National Test Pilot Scholl-Mojave 1992, Magister of Law from Pajajaran University-Bandung, 2003.



**Mr. Vince Galotti**  
Deputy Director, ANB

ICAO



**Mr. Yusfandri Gona**  
Team Leader of Air Transportation Working Group on Climate Change and Mitigation of GHG

DGCA Indonesia



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## Mr. BERND HACKMANN

Bernd joined the UNFCCC secretariat 2010. He is working in the Review, Methods and Training sub-programme of the Mitigation, Data and Analysis programme.

His main area of activity relates to the limitation and reduction of GHG emissions from aviation and international maritime bunker fuels. He is also the focal point for ICAO.

Before joining the UN, Bernd was a researcher with the Joint Research Centre of the European Commission and with the Department for Ecological Economics of the University of Oldenburg. He holds a German diploma in Economics from the University of Oldenburg and is a current doctoral candidate at the University of Oldenburg.

His research focuses on international environmental governance and strategies to regulate GHG emission from international aviation and maritime transport.

## MR. EUGENE HOEVEN

Eugene Hoeven is Director ICAO Affairs with the Civil Air Navigation Services Organisation (CANSO), where he is responsible for representing the views of the world's air navigation services providers (ANSPs) at the International Civil Aviation Organization (ICAO). Prior to joining CANSO, Eugene served as Director, Risk Management & Insurance at the International Air Transport Association (IATA), with responsibilities for both corporate and industry risk management and insurance activities. Prior to this, he was Assistant Director User Charges – the Americas & ICAO, representing the airline industry on airport and air navigation services funding, commercialisation and privatisation.

Before joining IATA, Eugene was with Bombardier Aerospace marketing the Dash-8 and CRJ products, and served a brief tenure as a consultant with Schiphol Management Services (Amsterdam) on airport strategic planning and development. Eugene started his aviation career with KLM Royal Dutch Airlines where he held a number of financial management positions.



**Mr. Eugene Hoeven**

Director ICAO Affairs  
with the Civil Air  
navigation Services  
Organisation

CANSO



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Eugene holds a bachelor degree in Economics from McGill University, a business degree from the University of Ottawa and an MBA from the John Molson School of Business, Concordia University, Montreal. He also holds an Accredited Director designation from ICSA – Chartered Secretaries Canada.

## MR. ANDREW HUDSON

Andrew Hudson joined UNDP-GEF in 1996 as Principal Technical Advisor, International Waters and is currently Head, UNDP Water & Ocean Governance Programme ([www.undp.org/water](http://www.undp.org/water)) in the Environment & Energy Group of UNDP's Bureau for Development Policy. He oversees and provides strategic, policy and technical guidance on all aspects of the development, implementation and evaluation of UNDP's work in water and ocean governance with a currently active portfolio of about US\$200 million working in over 100 countries.

He also served as UNDP-GEF Principal Technical Advisor, Persistent Organic Pollutants (POPs), from 2001-2005, coordinated the strategic development and start-up of UNDP's POPs portfolio and integration of the programme into UNDP's Chemicals Management/Montreal Protocol Unit.

Prior to joining UNDP, Hudson was Executive Director of The Center for Field Research at Earthwatch where he directed the development of Earthwatch's annual field research program of 150 projects and over \$3 million in grants. He has also taught at the university and secondary school levels and was active in oceanographic research in the 1970's and 1980's in areas such as hydrothermal vent geochemistry, sedimentary diagenesis, hydrography and air-sea exchange.

He received his B.S. (1979) and M.S. (1980) in Earth and Planetary Sciences from MIT, was a doctoral student in Oceanography at the University of Rhode Island (1980-1983), and received his Ph.D. (1993) in Environmental Sciences from the University of Massachusetts-Boston, specializing in Environmental Economics and Policy.



**Mr. Andrew Hudson**

Head, UNDP Water &  
Ocean Governance  
Programme, UNDP's  
Bureau for Development  
Policy

UNDP





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He has 9 professional publications, 11 reports and popular publications and numerous professional, invited and popular seminars and presentations.

### MS. JANE HUPE

Jane Hupe is Chief, Environment, in ICAO's Environment Branch, and the Secretary of the Committee on Aviation Environmental Protection (CAEP). Ms. Hupe is responsible for the environmental programme of ICAO and has been at the forefront of ICAO's efforts to define and promote policies and standards for an environmentally sustainable aviation. Her responsibilities entail directing ICAO environmental activities, including managing the CAEP, advising the ICAO Council on matters related to aviation and the environment, including the establishment of aviation environmental Standards, guidance and policies, and coordinating all activities in the field of aviation and the environment with other International Organizations.

Jane contributed to various IPCC Reports on aviation related measures, including the 2007 IPCC Fourth Assessment Report and was the lead author of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. For her work, Jane received a certificate acknowledging her contribution to the award of the 2007 Nobel Peace Prize to the IPCC.

Prior to joining ICAO, Jane served as advisor on environmental matters to the Brazilian Aviation Authorities for 15 years.

Jane has a Master's degree in Aviation from the École Nationale de L'Aviation Civile (ENAC), Toulouse, France, and many other post-graduate degrees, including in environmental auditing.



**Ms. Jane Hupe**  
Chief, Environment  
Branch

ICAO



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## MR. ALAN KHALILI

Mr. Alan Khalili is Vice President of Finance and Administration responsible for directing financial planning, accounting, financing and various general and administrative activities. He has over 15 years of experience in corporate development (M&A and investment projects), risk and treasury management, investment banking and public accounting.

He joined Aireon from Iridium Communications, where he managed the corporate development, treasury and risk management functions. Prior to Iridium, he held corporate development roles at both NeuStar and Reuters.

Mr. Khalili received an M.B.A from Columbia Business School, a bachelor's degree from Northern Illinois University and is a certified public accountant.

## MR. SEAN KIDNEY

The Climate Bonds Initiative works to mobilize bond markets to finance a rapid, global transition to a low-carbon economy. Supported by a 50 member, 15 country Advisory Panel, the Initiative develops policies and projects that will support renewable energy and energy efficiency investibility and educates investors and prospective bond issuers about opportunities with climate change solutions.

The Climate Bonds Initiative runs an International Climate Bonds Standards and Certification Scheme. Its industry working group includes representatives from KPMG, Standard & Poor's, Aviva Investors and the IFC. The first standards-compliant bonds will be issued soon.

The Initiative also promotes public sector guarantee schemes for renewable energy and public transport; the creation of green investment banks; and "sustainable financial solutions" suitable for climate bond financing of residential energy efficiency retrofits.

He is also a director of the Network for Sustainable Financial Markets, an international network of finance sector professionals and academics and who see the need for fundamental changes to improve financial market integrity, stability and efficiency.



**Mr. Alan Khalili**  
Vice President

NEXA



**Mr. Sean Kidney**

Chair, The Climate  
Bonds Initiative



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## MR. ALEXANDRE KOSSOY

With over 20 years of professional experience, Alexandre Kossoy is a Senior Financial Specialist at the Carbon Finance Unit (CFU) of the World Bank since 2002.

Mr. Kossoy is the team leader and co-author of the State and Trends of the Carbon Market report since 2010. He oversees many financial activities within the Unit and has been actively involved in several World Bank financial instruments related to carbon and climate finance. Before joining the Bank, Mr. Kossoy was in the private sector, working in a variety of positions for international organizations in different countries.

Alexandre Kossoy holds a bachelor's degree in Agricultural Engineering from the University of Sao Paulo (Brazil) and a master's degree in Environmental Engineering Sciences from the Israel Institute of Technology (Israel). He is fluent in Portuguese (native), Spanish, and English.



**Mr. Alexandre  
Kossoy**

Senior Financial  
Specialist, Carbon  
Finance Unit

World Bank

## MR. LEVERS MABASO

With more than 15 years of experience in the aviation sector Mr. Mabaso prior his appointment as Permanent Representative of South Africa on the Council of ICAO has served as Acting Deputy Director General of the SACAA – South Africa Civil Aviation Authority.

On his portfolio Mr. Mombasa held various positions within the Department of Transport in South Africa, such as: Director: Civil Aviation Safety, Security and Environment; Director of the Civil aviation Compliance and Monitoring; Deputy Director for Multilateral Affairs Department; Aviation legal adviser.

He had led as Chairperson the Committee responsible for the review and development of South African Civil Aviation Regulation and as Vice-chair the National Air Transport Facilitation Committee.

Mr. Mabaso graduated the University of Limpopo (South Africa) with B Proc and LLB (Post Graduate) Degrees. Enrolled for LLM in Human Rights and Constitutional Practice (University of Pretoria).



**Mr. Levers Mabaso**  
Representative of South  
Africa on the Council of  
ICAO

**MODERATOR**



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He also followed the courses on the Scope of Aviation Industry in South Africa and Transport Management with the Rand Afrikaans University.

## DR. LOURDES Q. MAURICE

Dr. Lourdes Q. Maurice is the Executive Director for the Office of Environment and Energy (AEE-1) in the Federal Aviation Administration's Office of Environment and Energy.

She has recently served as Chair to the 3rd SG of CAEP/9.

Dr. Loudres leads FAA's environmental research and advanced technology development programs and also as Chief Scientific and Technical Advisor and previously as Acting Deputy Assistant Administrator for Policy, Planning and Environment and Acting Director of the Office of Environment and Energy.

She received her B.Sc. in Chemical Engineering and M.Sc. in Aerospace Engineering from the University of Dayton and her Ph.D. in Mechanical Engineering from the University of London's Imperial College at London.

Lourdes has served as a Lead Author for the Intergovernmental Panel on Climate Change. She is a 2003 Fellow of the American of Institute of Aeronautics and Astronautics.

## MR. DIONISIO MENDEZ MAYORA

In 1980 Dionisio Mendez Mayora graduated with a bachelor's degree in Chemical Engineering from the National Autonomous University of Mexico. He began his professional career, working in the company DESC Development Group in the area of technology transfer and industrial safety. Afterwards, he collaborated with the Government of Mexico in the Ministry of Energy, Mines and Industry, occupying several positions, among others, as Planning and Development Industry Director in the Mexican petrochemical Commission. In the private sector, he worked for the Banco Nacional de Mexico as Director of capital and financial engineering projects for energy and transport. In 1995 he joined the Ministry of Communications and Transportation of Mexico, as Director of Transport. Subsequently, he held the position of Deputy General Director of the Mexican civil aviation Administration. In 1997 he was appointed to the Permanent Mission of Mexico to ICAO as



**Dr. Loudres Maurice**

Executive Director,  
Office of Environment  
and Energy

Federal Aviation  
Administration (FAA)



**Mr. Dionisio Mendez  
Mayora**

Representative of  
Mexico on the Council  
of ICAO



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Technical Expert and in 2002, as Alternate Representative of Mexico to the ICAO Council, a position he held until May 30, 2007, when he was appointed by the Government of Mexico as Permanent Representative to ICAO and on the Council.

Mr. Mendez has participated as a Delegate of Mexico in several high level meetings and conferences of ICAO and he has been for several years a member of the ICAO Group of Experts on Airports Economics, as well as the Committees on Unlawful Interference, Transport and Finance. At the regional level, he has been a Delegate in numerous Meetings and Encounters of the Latin American Civil Aviation Commission (LACAC) and the North American Aviation Trilateral Meeting NAAT.

During 2007-2008 and 2010-2011 Mr. Méndez was the Chairman of ICAO Unlawful Interference Committee and in 2009 he has served as Vice President of the Council Working Group on Regional Organizations. In 2009 -2010 he was the Vice President of the Finance Committee. He is a member of the Group responsible for developing a mechanism of compensation for damage to third parties by acts of unlawful interference, under the relevant International Convention adopted by the ICAO Diplomatic Conference in 2009. In 2007-2008 he was also appointed as Coordinator of the ICAO Latin American and Caribbean Group (GRULAC). In mid-2009's he was elected as Coordinator of the Council FORUM, integrated by 23 Developing States Members. In 2009-2010 he served as advisor to the "DGAC Climate Change Group". Starting September 2012, Mr. Méndez is the First Vice-President of ICAO Council.

### MR. PHILIPPE NOVELLI

Mr. Philippe Novelli has spent most of his carrier at ONERA, the French Aerospace Lab, where he has been working in the field of CFD, combustion and system analysis, as well as research coordination, for various propulsion systems.

He started working on alternative fuels for aviation in 2008 and became the coordinator of the SWAFEA European study addressing the feasibility and potential impacts of implementing alternative fuels in aviation. He was also the leader of the alternative fuels group of the Advisory Council for Aeronautic Research in Europe.

He joined ICAO's Environment Branch in July 2012 where he is now in



**Mr. Philippe Novelli**  
Alternative Fuels Officer,  
Environment Branch,  
ATB  
ICAO



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charge of the ICAO's SUSTAF expert group on sustainable alternative fuels.

## **MS. MARIE-ANGE NYSSSEN**

Ms. Nyssen has a master of Sciences obtained at the University of Liege in Belgium in 1993 and additional course in Law of Business and International Trade taken at the University of Montreal.

She started her career as Process Engineer, Material Developer and finally Technical Manager at SCA Mölnlycke Clinical Products AB, a multinational company based in Sweden producing surgical disposable products (1993-1998). She became Project Manager at VALEO CLIMATE CONTROL, a big French actor in the automotive Industry and dealt with European and Asiatic market from 1998 to 2001.

-Joined the Procurement Section of ICAO in 2001, with responsibility in Contracts and administration of the Procurement Unit. Conducted several field missions on behalf of ICAO/TCB to e.g. Guatemala, Philippines, Uruguay, Ethiopia, Cuba, Syria where she serves as a procurement and contracting expert for the procurement of diverse equipment and services related to the aeronautical and airport activities.

## **MR. ALISTAIR O'HARA**

Alistair O'Hara is the Head, Project Implementation Unit in TCB's Field Operations Section.

Having studied Mechanical Engineering at the Queen's University of Belfast, Northern Ireland (1970-1973), Alistair pursued a career in Information Technology with the National Westminster Bank in London until 1980 and then with Air Canada in Montreal from 1980-1982.

He was engaged as an IT consultant with ICAO's Technical Co-operation Bureau in 1982 (then known as the Technical Assistance Bureau) and has remained with TCB since.



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A certified PRINCE2 Project Management Practitioner, he now heads the Project Implementation Unit in TCB's Field Operations Section which is currently responsible for the successful delivery of approximately 150 aviation related projects and programmes across the globe.

## MS. MARTINA OTTO

Ms. Martina Otto heads the Policy Unit in UNEP's Energy Branch and coordinates UNEP's activities in the area of bioenergy. In the latter capacity, she has served on the Steering Committee of the Global Bioenergy Partnership and the Steering Board of the Roundtable on Sustainable Biofuels, and supported the Secretariat of the International Resource Panel.

With UNEP since more than 13 years, Martina has held different functions, including working as the Executive Assistant to the Executive Director in UNEP's Headquarters in Nairobi and coordinating UNEP's work in the area of transport.

Before joining UNEP, Martina worked on 'Trade and Environment' and 'Economic Instruments in the Area of Environmental Protection' with the United Nations Conference on Trade and Development, the European Commission and the Foundation for International Environmental Law and Development.

A fully qualified lawyer, she also worked with a US Law firm on environmental due diligence in the context of mergers and acquisitions.



**Ms. Martina Otto**

Head of Policy Unit,  
Energy Branch – UNEP  
DTIE Paris

UNEP



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## MR. SAINARAYAN. A

Mr. Sainarayan. A, is a Chartered Accountant and a MBA from the John Molson School of Business. He has been in the Finance Profession for the last 20 years.

He worked initially with consulting firms in the Middle East and then with Air India Ltd. in Mumbai, Kuwait and Cyprus looking after an array of activities ranging from revenue accounting, CAPEX financing, treasury management, financial analysis, management information systems, document Control and fraud prevention.

He currently works as a Modelling officer in the Air Transport Bureau, (Environment Branch) of the International Civil Air Organization (ICAO).



**Mr. Ananthanarayan Sainarayan**

Modelling Officer,  
Environment Branch,  
ATB

ICAO

## MR. KO SAKAMOTO

Ko Sakamoto is a Transport Economist at the Asian Development Bank (ADB), serving the developing member countries of ADB through technical assistance, knowledge dissemination, regional cooperation activities and project implementation in the transport sector. Prior to ADB, he worked at the UK Transport Research Laboratory (TRL), focusing on international climate change and sustainable transport policy.

He regularly advised governments in both developed and developing countries, as well as major international institutions including UN agencies on issues relating to low-carbon development strategies, financing, economic appraisal and policy making.

He holds a MA in Transport Economics (with distinction) from the University of Leeds, and a BA in Liberal Arts with concentration in Politics and Economics from the International Christian University



**Mr. Ko Sakamoto**

Transport Economist,  
Sustainable Infrastructure  
Division  
Regional and Sustainable  
Development Department

Asian Development Bank  
(ADB)





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## MS. ARFIYANTI SAMAD

Ms. Arfiyanti Samad was born in Padang – Indonesia. She was appointed as the Deputy Director for Air Planning and Environment (2001- 2005), Deputy Director general for Airport Engineering (2005-2009), and from 2009, she serves as the Secretary of Directorate General of Civil Aviation – Indonesia



**Ms. Arfiyanti Samad**

Secretary of Directorate  
General of Civil Aviation

Indonesia

## MR. DONALD SCHENK

Mr. Schenk is President and CEO of ACA Associates, Inc., an aviation advisory firm that specializes in alternative fuels. His focus is the linkage between supply chain sustainability and financing.

Mr. Schenk has conducted research to help understand lending institutions' evaluation of the business case for alternative aviation fuel refineries.

He works with the supply chain, from agricultural interests to airlines, and with U.S. agencies such as the Department of Energy, Department of Agriculture, Department of Defense, and the FAA. Internationally, he is active in Latin America and Canada.

Mr. Schenk's clients include: Airport Cooperative Research Council, Air Transport Association, CAAFI, FAA, Inter- American Development Bank, and the Port Authority of New York and New Jersey. He works with consortiums such as: CAAFI, the USDA'S "Farm to Fly" program and the World Economic Forum.



**Mr. Donald Schenk**

President and CEO of  
ACA Associates, Inc.



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## MR. PRASHANT SUKUL

A Post Graduate from the Delhi School of Economics, Mr. Sukul is currently serving as Joint Secretary in the Ministry of Civil Aviation, Government of India, overseeing various critical issues in aviation sector in India, including Bilateral and Multilateral International Arrangements, airlines operations, besides aviation safety and security in India.

He started his civil service career in 1982. During the past 26 years, Mr. Sukul has held several multi-disciplinary assignments in the Indian Government's Departments of Human Resource Development, Defence and the Ministry of Finance. He professionally specializes in Finance & Budgeting.

Mr. Sukul has travelled extensively representing and leading Indian delegations at various International fora and at bilateral and multilateral meetings and symposiums.

In addition to extensive reading, Mr. Sukul has been a national level player in Squash while at University and for the State of Delhi. He plays Squash and Golf with a reasonable proficiency.

## MR. HIROAKI TAKIGUCHI

Hiroaki Takiguchi is a Senior Environmental Specialist on the Global Environment Facility (GEF) Climate and Chemicals Team. At the GEF, he is working on the focal area of sustainable transport and urban systems. Prior to joining the GEF, Hiroaki served with the Ministry of the Environment, Government of the Japan, for over 20 years.

At the Ministry of the Environment, he served as Director for the International Cooperation Office, Environmental Management Bureau, from 2010 to 2011 and Director for the International Strategy on Climate Change Office, Global Environment Bureau from 2008 to 2010. His assignments at the Ministry also include waste management and recycling, and environmental impact assessment.

Hiroaki is a Japanese national with a Doctor of Engineering from the University of Tokyo.



**Mr. Prashant Sukul,**

Representative of India  
on the Council of ICAO



**Mr. Hiroaki Takiguchi**

Senior Environmental  
Specialist

Global Environment  
Facility (GEF)



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## MR. Theodore THRASHER

Mr. Ted Thrasher is the Environmental Officer for Modelling and Analyses at ICAO, where he is responsible for the modelling and assessment of aircraft noise and aircraft engine emissions. He coordinates related activities for ICAO's Committee on Aviation Environmental Protection (CAEP) in support of the development of international environmental standards for aircraft and the development of guidance material.

Prior to joining ICAO, Mr. Thrasher was the Director of Simulation, Modelling, and Analysis for CSSI in Washington, D.C.

Mr. Thrasher holds a Bachelor of Science degree in Aviation Engineering from The Ohio State University, a Master of Science degree in Systems Engineering from Johns Hopkins University, and a commercial pilot's license.



**Mr. Theodore Thrasher**

Environmental Officer  
for Modelling and  
Analyses, Environment  
Branch, ATB

ICAO

## MR. CÉSAR VELARDE

Since 2007 César Velarde leads the Spanish Observatory of Sustainability in Aviation, a SENASA project that has become a national frame of reference on aviation and sustainability, and facilitates policy making in this field by interacting between authorities and involved stakeholders.

Among their main areas of activity are climate change policies and sustainable biofuel development. As OBSA manager he often takes part in international aviation & environment forums.

He joined SENASA in January 2006 as engineer and environmental expert. SENASA is a Spanish State Company linked to the Ministry of Public Works through the Civil Aviation Authority, where he specialized in environment related to air transport, performing consultancy and technical assistance in aviation and environmental issues.

He holds an engineering degree from the Madrid University and prior to joining SENASA spent most of his career in the environmental assessment of transport infrastructure and ecological restoration.



**Mr. Cesar Velarde**

Manager OBSA

Observatory of  
Sustainability in Aviation



# ACLI-2012



His father is a veteran commercial pilot and his brother has followed those steps so he was flying before walking and aviation keeps driving his personal and professional life.

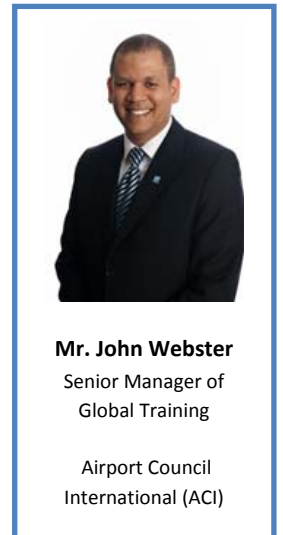
## MR. JOHN WEBSTER

John Webster is the Senior Manager of Global Training at Airports Council International (ACI). John is responsible for the overall operational management and delivery of quality training solutions for ACI's worldwide membership. In 2010, he joined ACI as Manager of Global Training and in 2012 was promoted to Senior Manager. John brings over 19 years of aviation experience to ACI.

John's aviation career began in 1989, where he worked for the airline industry and was appointed to successively more responsible positions to eventually occupy the role of Route Operations Supervisor with Air Jamaica.

In 2004, John accepted a position with the Jamaica Civil Aviation Authority of the Jamaican Government as an Aviation Safety Inspector. In this role, he was responsible for Cabin Safety and Dangerous Goods (DGR). From 2006 to 2010, he worked for the International Air Transport Association (IATA) as Product Manager of Dangerous Goods Training.

John holds a Bachelor of Arts in Language and Literature, as well as a Master of Science in Human Resource Development from the University of the West Indies in Jamaica.



**Mr. John Webster**  
Senior Manager of  
Global Training

Airport Council  
International (ACI)



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## MR. KANDEH K. YUMKELLA

In December 2005 Mr. Kandeh K. Yumkella was appointed as Director-General of UNIDO, having previously worked in various high-level policy positions in UNIDO, including as Special Adviser to two previous Directors-General and as Director of the Africa and Least Developed Countries Regional Bureau as well as Representative and Director of the first UNIDO Regional Office in Nigeria. He was re-appointed as Director-General of UNIDO for a second four-year term in December 2009.

At a High-level Event on the margins of the UN General Assembly meeting in New York on 24 September 2012, the Secretary-General announced Dr. Yumkella's appointment as his Special Representative for Sustainable Energy for All and chief executive of the initiative, responsible for planning and implementation of the initiative. Prior to working for UNIDO, he was the Minister for Trade, Industry and State Enterprises of the Republic of Sierra Leone from 1994-1995.

Between 1987 and 1996, while furthering his studies, he held various academic positions at Michigan State University and the University of Illinois.



**Mr. Kandeh K.  
Yumkella,**  
Director General

UNIDO