Issue 10
December 2015

INSIDE THIS ISSUE

Safety

- Bangalore Hosts ACI Regional Safety Committee
  >> more

- ACI World launches first edition of the ACI Apron Safety Handbook
  >> more

Security

- Regional Aviation Security Committee and ACI World Security Standing Committee Updates
  >> more

- DNA course on Aviation Security Concluded in Kuala Lumpur
  >> more

- ACI Asia-Pacific Presented at the 3rd China Airport Security Forum
  >> more

- ICAO ANC meeting with ACI Asia-Pacific in Hong Kong
  >> more

- ACI Asia-Pacific Represented at Civil Aviation Cyber Security Conference
  >> more

- Smart Security Updates
  >> more
Smart Security: The way forward
>>more

AVSEC World Concluded in Dublin
>>more

Engagement with the Office of Transport Security (OTS), Australia
>>more

Environment

ACI World Environment Standing Committee – ACI Europe ENVSTRAT Joint Meeting, Geneva
>>more

ATAG’s Global Sustainable Aviation Summit 2015
>>more

ACI represented at the 2nd International Green Aviation Conference, Denpasar
>>more

Airport Carbon Accreditation Updates
>>more

Information Technology

ACI World Airport IT Standing Committee Updates
>>more

Airport IT Survey Trends Survey 2015
>>more

Airport’s Corner

Delhi Airports’ Solar Power Project
>>more

Upcoming Events
>>more

Committees Membership
>>more
Bangalore Hosts ACI Regional Safety Committee

The ACI Asia-Pacific Regional Operational Safety Committee held its 16th meeting in Bangalore from 8 to 9 October 2015. The Committee discussed ACI's engagement with ICAO Asia-Pacific and Middle East on aerodrome safety and operations. ACI Asia-Pacific is currently represented on several working groups (listed below) at these two ICAO regions and the Committee is keen on ensuring airport operators' views are taken into account at these groups:

- ICAO Asia-Pacific Regional Aviation Safety Team
- ICAO Asia-Pacific Regional Aviation Safety Group
- ICAO Asia-Pacific Aerodrome Operations and Planning Working Group
- ICAO Middle East Regional Aviation Safety Group

Currently the key issue at ICAO Asia-Pacific and Middle East is the implementation of the Global Aviation Safety Plan (GASP) at the regional level. GASP is an overarching strategy for all ICAO Member States mapping out the high level safety goals by five-year milestones from 2017 to 2027. For example one of the most pressing targets set out in the plan is to bring the Effective Implementation of ICAO standards in all States to 60% by 2017.

The Committee is a platform of sharing best practices in aerodrome safety. Incheon Airport made a detailed presentation on an aerodrome compatibility study for Code F aircraft (A380 and B747-8F). Bangalore Airport reported on the automation of its aerodrome safety management system.


The Committee is well aware of the innate relationship between airport operations and environmental issues. The meeting reviewed the potential impact of airport firefighting foams on the environment, for example its contamination of soil. They agreed to discuss this with the environmental managers at their respective airports.
Next April at the ACI Asia-Pacific Annual Regional Assembly and Conference, several sessions on technical subjects will be held. One of them will be about safety. Committee considered this as an excellent opportunity to communicate the importance of safety and decided that the theme of the session on safety should be “Why Safety is Good for Business?”

The Committee appreciated the warm hospitality of Bangalore International Airport during their stay at the Silicon Valley of India. The meeting was followed by a technical visit to the airfield and the airport operation control centre where the Committee witnessed a demonstration of the Airport Collaborative Decision Making System.

The next meeting of the Committee is tentatively scheduled for 21 to 22 April 2016 in Gold Coast, Australia. For more information about the Committee, please contact SL Wong at sl@aci-asiapac.aero.

**ACI World launches first edition of the ACI Apron Safety Handbook**

ACI World Safety and Technical Standing Committee has announced the launch of the First Edition of the ACI Apron Safety Handbook. This handbook contains best practices in managing apron safety by drawing on the current expertise of airport operators around the world, and provides a comprehensive set of guidelines to enhance safety, improve operations and prevent or reduce accidents, incidents and occurrences on the apron.

For more information on the ACI Apron Safety Handbook, please click [here](#).

To download the ACI Apron Safety Handbook's table of contents, please click [here](#).

For more information about this handbook, please contact SL Wong at sl@aci-asiapac.aero.

**Regional Aviation Security Committee (RASC) and ACI World Security Standing Committee (WSSC) Updates**

ACI Asia-Pacific Regional Aviation Security Committee (RASC)

Hosted by Narita International Airport, the 17th meeting of Regional Aviation Security Committee (RASC) was held in Tokyo, Japan on 5-6 October 2015. 23 members and observers attended the meeting to discuss, inter alia, APEX in Security, Capacity Building, Smart Security and Cargo Security. Members were invited to share updates at their airports and then followed by presentations on security technology solutions by Hitachi, Smiths Heimann and NEC.
The Committee also confirmed the extension of Mr. Vince Scanlon of Adelaide Airport in Australia as Chair and Mr. Alan Tan of Singapore Changi Airport as Vice Chair for another term until end of 2017.

The next Committee meeting is scheduled to be held in Gold Coast, Australia in April 2016.

For more information about the Committee, please contact Ada Tse at ada@aci-asiapac.aero.

ACI World Security Standing Committee (WSSC)
Ms. Nina Brooks joined ACI World as Head of Security in August 2015 and has assumed the position as Security of WSSC.

Mr. Richard Duncan of Hartsfield-Jackson Atlanta International Airport will finish his term as Chair of WSSC by end of 2015. The current Vice Chair, Mr. Alan Tan of Singapore Changi Airport will then assume the position of Chair and Mr. Johnnie Muller of Copenhagen Airport will be the Vice Chair. Both will serve a term of two years from January 2016.

The next WSSC is scheduled to be held in Tampa, Florida USA in March 2016.

DNA course on Aviation Security concluded in Kuala Lumpur

The first ever Developing Nations Airport Assistance (DNA) course in Asia-Pacific focusing on Aviation Security was held in Kuala Lumpur on 22-24 June 2015, in collaboration with ACI World and Malaysia Airports Holdings Berhad (MAHB).

At the 2nd meeting of the ICAO Regional Aviation Security Coordination Forum (RASCF-2) held in November 2014, ICAO concluded that “IATA, ACI and other relevant stakeholders will coordinate and share information to help ICAO to address the training and capacity building needs in the region to address aviation security concerns.”

This DNA course not only provided a platform for airports in the region to enhance their aviation security knowledge but also demonstrated ACI’s commitment to addressing the need for capacity building in Aviation Security.

22 participants from 10 airports in India, Malaysia, Maldives, Myanmar, Pakistan, Papua New Guinea, Philippines and Pohnpeii attended the 2-day programme. Mr. Mustafa Kamal Hj. Alang Othman, General Manager Aviation Security of MAHB gave the opening address and welcomed the delegates and instructors to Kuala Lumpur.
With instructors from ACI Asia-Pacific, Hartsfield-Jackson Atlanta International Airport, Changi Airport and IATA, the course focused on regulatory oversight and quality control. A tour to KLIA was arranged by MAHB and the programme finished with a case study shared by Changi Airport.

ACI Asia-Pacific Presented at the 3rd China Airport Security Forum

ACI Asia-Pacific was invited to attend the 3rd China Airport Security Forum held on 25-26 June 2015 in Shanghai, China.

Representing ACI Asia-Pacific, Ada Tse, Senior Manager External Relations and Security, participated in the Round Table discussion titled “New Normal and Development in Secured Civil Aviation” and shared with the participants the latest development of the ACI/IATA “Smart Security” project and how it can help airports enhance efficiency at security checkpoints.

About 200 people attended the forum and exhibition which was organised by the China Civil Airports Association (CCAA) and opened by Mr. Xia Xing-Hua, Director-General of CCAA.

ICAO ANC meeting with ACI Asia-Pacific in Hong Kong

Led by Steven Creamer, Director of Air Navigation Bureau of ICAO, a team of ANC members comprising representatives from Singapore, UK, China, Iceland, and Australia had a meeting with ACI Asia-Pacific Regional Office on 2 July 2015.

The Regional Office introduced our priorities on Safety, Security, Environment as well as Economics in the region and discussed with the members on challenges that are unique in the region.

Members agreed to discuss with ICAO representatives in the ANC to enhance better coordination with ACI regional office.

ACI Asia-Pacific Represented at Civil Aviation Cyber Security Conference
Steve Lee, CIO of Changi Airport Group and ACI World Airport IT Standing Committee Chair represented ACI and spoke at the Civil Aviation Cyber Security Conference which was held from 9-10 July, 2015 in Singapore.

Attended by over 200 civil aviation stakeholders and security experts from over 16 countries, the conference was jointly organized by the Singapore Ministry of Transport (MOT), Civil Aviation Authority of Singapore (CAAS) and Singapore Aviation Academy, and supported by the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA). The keynote speakers at the conference include Mr Raymond Benjamin, Secretary General of the ICAO, Mr Tony Tyler, Director-General and Chief Executive Officer of IATA and Mr Pang Kin Keong, Permanent Secretary, Ministry of Transport, Singapore.

Mr. Steve Lee spoke in the session “Civil Aviation Cyber Security Challenges – A view from the Airport Operators” alongside two other airport representatives from Concessionaria Aeroporto Rio de janeiro and Aeroports de Paris.

Smart Security Updates

The first ever Smart Security Technology Showcase took place at Melbourne Airport on 24-25 November 2015. A collaborative effort involving Melbourne Airport, Qantas and Smiths Detection, the event showcased the improvement of the security outcome and customer experience through the enhanced utilisation of advanced security technology and systems. Over 80 delegates registered to attend the event and were given the opportunity to tour the trial sites and hear from representatives from their vision towards Smart Security.

The Regional Office submitted a joint paper with IATA on the Smart Security Program at the 3rd meeting of ICAO Regional Aviation Security Coordination Forum, Asia and Pacific held in Manilla, Philippines on 26-27 October 2015. The meeting was held prior to the ICAO Conference of DGCA for Asia and Pacific and attendees were mostly officials from DGCA offices in the region.

“Smart security”: The way forward
Since late 2013, ACI and IATA are sharing a common vision: “A continuous journey from curb to airside, where passengers proceed through security with minimal inconvenience, where security resources are allocated based on risk, and where airport facilities can be optimized.”

The vision will be achieved through the introduction of risk-based security concepts, advanced screening technologies, and process innovation. With these elements in combination, Smart Security seeks to deliver:

- Strengthened security – Focus resources based on risk, increase unpredictability, make better use of existing technologies, and introduce new technologies with advanced capabilities as they become available;
- Increased operational efficiency – Increase throughput, optimize asset utilization, reduce cost per passenger, and maximize space and staff resources;
- Improved passenger experience – Reduce queues and waiting times and use technology for less intrusive and time-consuming security screening.

Beside the successful deployment of smart security components at Amsterdam airport, DUB, DOH, MEL or LHR have also contributed to smart security by conducting several pilots. Today, more and more airports worldwide are implementing one or several smart security component(s) like:

- **Centralized image processing** allows all x-ray machines to be networked to provide airports with an enhanced ability to ensure the x-ray machine and the x-ray operators viewing the images are working to their full capacity. 
  ➔ This makes cabin baggage screening more efficient and cost effective, as some airports reported up to 250% increase of passenger throughput.

- In terms of **checkpoint environment and management**, improvement could contribute to the passenger experience through a faster flow, increased operational efficiency through greater automation (e.g. trays handling system) and resources optimization (parallel divestment solutions) and strengthened security. 
  ➔ By implementing a combination of checkpoint automation, innovative design and repack area reconfiguration, some airports reported an increase of passenger satisfaction by more than 20%.

- **Passenger screening** should provide effective security while making the experience as pleasant as possible for the traveller. The deployment of security scanners as secondary measure offer great results. 
  ➔ Smart security pilots have demonstrated that an airport using a WTMD and a security scanner as a secondary screening device can process over 800 passengers per hour on a dual lane.

- Advanced screening technologies greatly contribute to **cabin baggage screening** and will allow for effective threat detection while reducing the burden for passengers with items to divest. 
  ➔ Dual or multi-view X-ray, Computed Tomography and X-ray diffraction, as well as automated target recognition algorithms are replacing traditional equipment.

Detailed guidance material (including cases studies) for each component has been developed to allow airports to take advantage of the smart security programme. In order to put the guidance material into context, ACI, in cooperation with IATA, is proposing a smart security opportunity assessment: after on-site visit at the airport and workshops, ACI/IATA experts will provide the airport with targeted recommendations on smart security concept, taking into account the airport specific regulatory, business and operational requirements. Several airports have already taken benefit from it.
Because ACI World’s priority is to ensure that none of our airports’ members are left behind, the representative of ACI World in the smart security project team will continue to increase airports’ awareness on the project’s opportunities, and to support the development of new components related to the risk based differentiation (differentiated screening or better identity management) of passengers in 2016.

The article is contributed by Mr. Gael Poget, Manager Smart Security, ACI World. For further information, please contact: Gaël Poget at gpoget@aci.aero.

AVSEC World Concluded in Dublin
The Regional Office and several airports in the region attended the event which, for the first time, was jointly organized by ICAO, ACI and IATA. Next year’s event will be hosted by Malaysia Airlines in Kuala Lumpur from 25-27 October 2016.

Tony Tyler, Angela Gittens, Peter Neffenger, Henrik Hololei and Paschal Donohoe at AVSEC World 2015.

Engagement with the Office of Transport Security (OTS), Australia
ACI Asia-Pacific seeks to build and expand our regional presence through active engagement with industry stakeholders and development of strong industry network. One of these organizations that Asia-Pacific has started regular dialogues with is OTS of the Australian Government Department of Infrastructure and Regional Development.

Apart from the Maritime & Aviation Security Awareness Workshop as reported in the last issue of the Technical Bulletin, ACI Asia-Pacific was also invited to attend the Community Assistance Meeting held in Jakarta on 12 November 2015. Hosted by DGCA Indonesia and organized by OTS Australia, the Meeting discussed the development of aviation security in Indonesia and explored ways to enhance collaboration and communications.
The joint meeting of 33rd ACI World Environment Standing Committee and 51st ACI EUROPE Environmental Strategy Committee was held on 1-2 October 2015, hosted by Geneva Airport. It was attended by about 50 delegates from mainly European airports and World Business Partners from Europe, two representatives from Hong Kong Airport attended, representing Asia-Pacific.

The main issues discussed were Adaptation to Climate Change and Regional Curfews, with outcome of briefing papers to be produced by the WESC.

The Regional Office provided a brief report on the works of Asia-Pacific Regional Environment Committee with special emphasis on the Pilot Environmental Survey and works with IATA regarding Cabin Waste Management.

**ATAG’s Global Sustainable Aviation Summit 2015**

ATAG Summit held on 29-30 September 2015 in Geneva attracted about 300 delegates, with André Borschberg, CEO, Co-Founder and Pilot, Solar Impulse and Dr. Olumuyiwa Benard Aliu, President of the ICAO Council as Keynote speakers on each day. The Summit has the opportunity for different aviation stakeholders to report on their work on CO2 emission reduction. Discussion panels focused on Technology, Biofuel, ICAO Market Based Measures and Sustainability.

There was an overview of the state of aviation and climate change and presents ATAG’s “Aviation Climate Solutions”, a project which showcases innovative and enterprising case studies that cut fuel/energy use and CO2 emissions and an Open Letter from the aviation industry to governments committing to climate action and calling for a joint approach to help deliver maximum CO2 emissions reductions in the aviation sector.
CANSO Noise Guidance Document published

At the ATAG Summit, there was a special announcement of new Guidance Document “Managing the Impacts of Aviation Noise” co-published by Airport Council Innervation and Civil Air Navigation Service Organisation (CANSO). This publication examines the challenge of aviation noise and describes methods that airport operators and ANSPs can use to manage and reduce its impact.

ACI Represented at the 2nd International Green Aviation Conference, Denpasar

The 2nd International Green Aviation Conference was organized by the Indonesia Ministry of Transportation through the DGCA. The conference facilitate the exchange of information, experience and best practices among aviation stakeholders with the goal of developing climate change mitigation measures following the ICAO policies and proposed Basket of Measures including alternative fuels for aviation, market based measures and operational improvements.

Mr. Jakrapop Charatsri Senior Airport Specialist, Airports of Thailand Public Company Limited (AOT) and Vice Chair of ACI Asia-Pacific Regional Environment Committee represented ACI in the 2nd International Green Aviation Conference, 19-21 August, 2015 in Denpasar, he gave a presentation on ACI, ACI environmental programmes and how AOT uses tools and
Programmes such as Airport Carbon and Emission Reporting Tool (ACERT) and Airport Carbon Accreditation to proceed with their Carbon emission Reduction Strategy for six airports.

Mr. Johnson Lu, Kaohsiung International Airport Specialist, CAA, MOTC, Taiwan, a member of the ACI Asia-Pacific Regional Environment Committee also attended the event as a speaker. He presented Green Airport implementation at Kaohsiung Airport (currently achieved Level 2 in Airport Carbon Accreditation).

**Airport Carbon Accreditation Updates**

There are now 29 Asia-Pacific airports certified by the programme as follows:

**Level 3, Optimisation:**
- Adelaide Airport, Australia
- Chhatrapati Shivaji International Airport, India
- Gimpo International Airport, Republic of Korea
- Hong Kong International Airport, Hong Kong
- Incheon Airport, Republic of Korea
- Indira Gandhi International Airport, India
- Kempegowda International Airport, India

**Level 2, Reduction:**
- Chiang Mai International Airport, Thailand
- Don Mueang International Airport, Thailand
- Hat Yai International Airport, Thailand
- Kaohsiung International Airport, Chinese Taipei
- Kuala Lumpur International Airport, Malaysia
- Macau International Airport, Macau
- Mae Fah Luang Chiang Rai International Airport, Thailand
- Parafield Airport, Australia
- Queen Alia International Airport, Jordan
- Sunshine Coast Airport, Australia
- Suvarnabumi Airport, Thailand
- Sydney Airport, Australia
Level 1, Mapping:

- Abu Dhabi International Airport, United Arab Emirates
- Al Maktoum International Airports, United Arab Emirates
- Bahrain International Airport, Bahrain
- Brisbane International Airport, Australia
- Dubai International Airport, United Arab Emirates
- Phnom Penh International Airport, Cambodia
- Sharjah International Airport, United Arab Emirates
- Siem Reap International Airport, Cambodia
- Sihanoukville International Airport, Cambodia
- Soekarno-Hatta International Airport, Indonesia

To celebrate the fifth year of Airport Carbon Accreditation in Asia-Pacific region, there will be a big celebration and recognition to all accredited airport’s representative at the 11th ACI Asia-pacific Regional Assembly, Conference & Exhibition, Gold Coast, Australia 18-20 April 2016. Stay tune for more updates.

If you have questions about Airport Carbon Accreditation Programme, please contact Ken Lau at ken@aci-asiapac.aero.

Information Technology (IT)

ACI World Airport IT Standing Committee Updates

The ACI World Airport IT Standing Committee meeting was held 27-29 August 2015. There were 21 attendants 4 of which were from Asia-Pacific. This is the first meeting chaired by the New Chairman, Mr. Steve Lee from Changi Airport and last meeting of Mr. Kazumi Hiraoka from Narita Airport as Mr. Hiraoka has been assigned as Director of a Narita Airport Security Facility Company. He attended this meeting with Mr. Yusuke Kosaka, his successor as Narita Airport representative in the WAITSC.

The meeting received update from the new Cyber Security Task Force, Airport Beacon Task Force (Mobile Bluetooth technology able to broadcast information at specific location to Passenger), and Airport Community Recommended Information Services (ACRIS) Projects with their deliverables and Strategic plan in 2015.

The Secretary reported ACI's developments in IT Security Benchmarking, ACI Community Platform, (a document sharing and discussion website run by ACI).

In terms of emerging IT issues, the meeting was provided an update on the latest IT Trend Survey results, discussed about the use of Drone at airports and IT tools for Parking Management: Technology and Digital Transformation.

For enquiries, please contact Ken Lau at ken@aci-asiapac.aero.
Airport IT Survey Trends Survey 2015

The Airport IT Survey Trends Survey 2015 has been published in October 2015.

This year, the survey indicates technology chiefs are receiving record budgets to help improve the passenger experience as rising numbers put greater pressure on airport capacity and infrastructure.

To discover key findings on IT investment, the latest passengers services, business intelligence, internet of things and emerging technologies, you could Download (require free registration) the report today to:

- View all key findings
- Benchmark your IT investment with global indicators
- Check how your technology investment plans compare to the Industry overall

The 2015 Airport IT Trends survey is a joint initiative between ACI and SITA. The fieldwork and first stage analysis is conducted by an independent specialist organization.

Join the survey panel for 2016

We thank participated airports for the contribution this year, and hope that we can count on you for the 2016 edition. As a survey respondent, you can access the detailed results on an interactive portal, filter data and complete your own analysis. Please register to enter the panel.

For enquiries, please contact Ken Lau at ken@aci-asiapac.aero.

Airport’s Corner

Delhi Airport’s Solar Power Project

Delhi International Airport (P) Ltd (DIAL) has been continuously working proactively towards ensuring environment friendly airport operation. As part of the environmental sustainability initiatives at Indira Gandhi International Airport (IGIA) and to promote the use of green energy, DIAL has setup a 2.14 MW solar plant in the airside area, which was commissioned in January 2014. This is the first MW scale solar project to be commissioned inside airport premises of any airport in India.

As an environmentally conscious organization, DIAL has following objectives and intent in terms of its meeting energy demand:
- Achieving its Mission: “...through deployment of technology and innovation with care for environment”

- Strategic Intent:
  - Organizational level Energy Optimization Program and Energy Security with renewable energy source
  - Climate change & greenhouse gas (GHG) mitigations.
  - Energy cost optimization & land monetization

To meet the intent and objective of energy management and energy sourcing, continuous effort has been put into data monitoring, analysis and data review of energy demand and consumption at IGIA. For energy sourcing various renewable energy options were analysed and finally solar PV was chosen despite some operation constraints at the airport. The opportunity and limitations analysis for Solar PV implementation in airports is presented below:

The design of airports and their facilities is strictly regulated to ensure that airports operate in a safe yet efficient manner; therefore a feasibility study with special design considerations to place the solar PV panels near runway area was undertaken so that the operational issues due to implementation solar panels can be minimized. The reverberation study, which was a part of feasibility study, involved solar ray reflection modelling and analysis. It was performed to deduce the positioning of solar panels to minimize its impact on airport operation and also to generate maximum possible energy. After completion of feasibility study, special permission was obtained from Directorate General of Civil Aviation. The location of the solar plant is presented below:

So far the plant has generated more than 5.5 Million kWh, and has reduced IGIA’s overall GHG emission.
The article is submitted by Mr. Rekib Ahmed, Junior Manager-Environment at IGIA, is an environment and climate change professional. He is currently working on climate change and sustainability related projects at IGIA.

### Upcoming Events

#### Safety Related Activities Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Meeting and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 – 28 January 2016</td>
<td>34th ACI World Safety &amp; Technical Safety Standing Committee Meeting, Hong Kong</td>
</tr>
<tr>
<td>March 2016</td>
<td>5th ICAO Middle East Regional Aviation Safety Group Meeting, Venue TBC</td>
</tr>
<tr>
<td>21 – 22 April, 2016</td>
<td>17th ACI Asia-Pacific Regional Operational Safety Committee Meeting, Gold Coast</td>
</tr>
<tr>
<td>August 2016</td>
<td>6th ICAO Asia Pacific Regional Aviation Safety Group Meeting, Sri Lanka</td>
</tr>
<tr>
<td>Oct or Nov 2016</td>
<td>18th ACI Asia-Pacific Regional Operational Safety Committee Meeting, venue to be confirmed</td>
</tr>
<tr>
<td>11 – 13 October 2016</td>
<td>35th ACI World Safety &amp; Technical Safety Standing Committee Meeting, Montreal</td>
</tr>
</tbody>
</table>

#### Security Related Activities Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Meeting and Location</th>
</tr>
</thead>
</table>
1-2 March 2016  ACI World Security Standing Committee meeting, Tampa, Florida, USA

21-22 April 2016  18th ACI Asia-Pacific Regional Aviation Security meeting, Gold Coast

6-10 August 2016  ICAO 53rd DGCA Conference and 4th Regional Aviation Security Coordination Forum, Sri Lanka

25-27 October 2016  ICAO/ACI/IATA AVSEC World, Kuala Lumpur

October 2016  ACI World Security Standing Committee meeting, Kuala Lumpur

Date and Venue TBC  19th ACI Asia-Pacific Regional Aviation Security meeting

Environmental Related Activities Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Meeting and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-12 February 2016</td>
<td>Committee on Aviation Environmental Protection 10th Meeting (CAEP/10), Montreal, Canada</td>
</tr>
<tr>
<td>10-11 March 2016</td>
<td>ACI Asia-Pacific Regional Environment Committee Meeting, Delhi</td>
</tr>
<tr>
<td>20 April 2016</td>
<td>ACI Asia-Pacific Conference - “Airport Sustainability through Environmental Initiatives”, Gold Coast</td>
</tr>
</tbody>
</table>

(The above are subject to change. Please check with ACI or related organisations for details)

Committees Membership

ACI Asia-Pacific Regional Operational Safety Committee

Chair, Smaël Banse, Airport International Group, Jordan
Vice Chair, Cheng Ping Lerng, Malaysia Airports Holdings Bhd

Committee Members:
Akira Yaegashi (Narita International Airport Corporation)
Amir Hosein Rahimi (Iran Airports Company)
Dong-Yeon Ahn (Korea Airports Corporation)
Jaewoo Nam (Incheon International Airport)
José Manuel Cohen Marçal (Macau International Airport)
Lorrat Manimont (Airports of Thailand)
Mohammad Elamaireh (Jordan Airports Company)
Phil, Chung-Yih Su (Taoyuan Airport Corporation)
Rajasundaram Chidambararaman (Bangalore International Airport Ltd)
Thamer Ahmad Mohd Habib (Dubai Airports)
Turki Al-Aufi (GACA, Kingdom of Saudi Arabia)
Wing Yeung (Airport Authority Hong Kong)
Yeo Kia Thye (Changi Airport Group, Singapore)
Zengwu Xie (Beijing Capital International Airport)

Committee Secretary:
SL Wong, Senior Manager, Technical and Industry Affairs (Email: sl@aci-asiapac.aero)

**ACI Asia-Pacific Regional Aviation Security Committee**
Chair, Vince Scanlon (Adelaide Airport)
Vice-Chair, Alan Xavier Tan (Changi Airport)

Committee Members:
Albano Albuquerque (Macau International Airport Co. Ltd.)
Albert Chun-Te Lee (Taoyuan International Airport Corporation)
Ashwani Kaul (Delhi International Airport Limited)
Bon-Jun Koo (Korea Airports Corporation)
Buti Ahmed Qurwash (Dubai Airports)
Daisuke Komine (New Kansai International Airport Company, Ltd.)
Dominic Yu (Airport Authority Hong Kong)
Frank Zhao (Beijing Capital International Airport Co. Ltd.)
Ibrahim Ali Alsaggaf (General Authority of Civil Aviation, Saudi Arabia)
Jonathan Joo-Hyung Lee (Incheon International Airport Corporation)
Mohamed Remeez (Maldives Airports Company Ltd.)
Stephen Goodwin (Brisbane Airport Corporation)
Suksri Luangaram (Airports of Thailand)
Tak Y. Achiwa (Narita International Airport Corporation)
TBC (Melbourne Airport)

Committee Secretary:
Ada Tse, Senior Manager, External Relations & Security (Email: ada@aci-asiapac.aero)

**ACI Asia-Pacific Regional Environment Committee**
Chair, Mike Kilburn, Airport Authority Hong Kong
Vice Chair, Jakrapop Charatsri, Airports of Thailand Plc. Corporation

Immediate Past Chair, Narendra H. Hosabettu, Mumbai International Airport Pvt. Ltd.

Committee Members:
Bee Kay Ng, Changi Airport Group (Singapore) Pte Ltd.
Dong-Hyeon Ryou, Incheon International Airport
Eko Wahyudi, PT Angkasa Pura II (Persero)
Gap Cheol Park, Korea Airports Corporation
Hung-Pin SUN, Taoyuan International Airport Corporation Ltd.
Johnson Lu, Kaohsiung International Airport, CAA
Khairiah Salleh, Malaysia Airports Holdings Berhad
Kyoko Anzai, Narita International Airport Corp.  
M. Muthukrishnan, Delhi International Airport (P) Ltd.  
Moaied Samir Kabli, General Authority of Civil Aviation, Saudi Arabia  
Mohammed Al Katheeri, Abu Dhabi Airports Company  
Rebekah Marshall, Dubai Airports  
Rhys Boswell, Christchurch International Airport Ltd.  
Sandro Kou, Macau International Airport Co. Ltd.  
Stephanie Bolt, Adelaide Airports Ltd.  
Wendy Weir, Brisbane Airport Corporation PTY Limited  

Committee Secretary:  
Ken Lau, Manager, Technical and Industry Affairs (Email: ken@aci-asiapac.aero)

ACI Asia-Pacific Regional Airport  
Information Technology Liaison Group  

Chair, Sang Gyu Youn, Korea Airports Corporation  

Liaison Group members:  
Ahmed Mohammed Bahaziq, GACA, Saudi Arabia  
Antoine Seguin, Société Concessionnaire des Aéroports, Cambodia  
Dorlig Davaadorj, Civil Aviation Authority of Mongolia  
Hamed Husain Al Hashemi, Abu Dhabi Airports Company  
Hyung Jun Kim, Incheon International Airport Corporation  
Yusuke Kosaka, Narita International Airport Corporation  
Lijia Gao, Beijing Capital International Airport Co., Ltd.  
Mohd Aminuddin Yaakub, Malaysia Airports Holdings Bhd  
Payam Askarpour, Iran Airports Company  
Penchun Rukspolmoung, Airports of Thailand Public Co., Ltd.  
Peter Nelson, Queensland Airports Limited  
Sandro KOU, Macau International Airport Co. Ltd  
Steve Hee Kwang Lee, Changi Airport Group  

Liaison Group Secretary:  
Ken Lau, Manager, Technical and Industry Affairs (Email: ken@aci-asiapac.aero)

To read previous issues of ACI Asia-Pacific Technical Bulletin, please click here.  
To subscribe/unsubscribe, please click here.