

Conference Program

Fundamentals of Auditing Workshop: Monday 11 October 2010

Deakin University, Geelong Waterfront Campus

Room: D2.212 (Red)

Presenter: Dr Tim Hamilton, CEO of Environment Essentials

10:00am	Registration & Morning Tea
10:30am	Workshop Session One
12:30pm	Lunch
1:30pm	Workshop Session Two
3:30pm	Afternoon tear
4:00pm	Workshop Session Three
5:30pm	Welcome Reception

Conference Program

Conference Day One: Tuesday 12 October 2010

Deakin University, Geelong Waterfront Campus

8:30am Registration

9:30am Plenary 1: Opening Session

Percy Baxter Lecture Theatre (D2.193)

Welcome

Genevieve Carruthers, President EMS Association

The business case for sustainability – using an EMS as the basis to build strategic competitive advantage

Dan Atkins, director Sustainable Business Practices

Solving macro problems by starting close to home

Fiona Armstrong, Public policy analyst and political commentator

11:00am Morning tea

11:30am Plenary 2: Moving beyond compliance

Percy Baxter Lecture Theatre (D2.193)

Cheryl Desha, Australia and The Natural Edge Project, hosted by Griffith University and Australian National University, Australia

Presentation: Can environmental management systems drive Factor 5 type resource productivity improvements in organisations?

Workshop: Using environmental management systems to address complex problems and succeed beyond compliance.

A highly interactive workshop facilitating a learning conversation among conference delegates regarding the potential for transformational EMS processes using the ISO14001 standard. Participants will be asked to complete a one-page questionnaire relating to the topic of EMS and resource productivity. This data will then be used to inform a participant-led discussion, where delegates will use their experiences and knowledge of the EMS industry internationally and in Australia to:

- consider barriers and benefits to using the standard and guidelines to catalyse significant productivity improvements; and
- discuss mechanisms for overcoming the barriers and increasing the perceived benefits of the ISO14000 suite, across the public and private sectors.

The workshop outcomes will be documented by the facilitators, for publication on the EMS Association website as a resource for industry practitioners. The outcomes may also form the basis for a future paper on the topic.

1:00pm Lunch

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2:00pm Plenary 3: Tools to further EMS

Percy Baxter Lecture Theatre (D2.193)

Session Chair: Genevieve Carruthers

Harnessing the science of behaviour change to engage and educate staff
Bruce Paton and Fieke Geerts

The role of EMS in environmental and organisational performance.
Chinthake Wijesooriya

Introducing an online Environmental Management System using Sharepoint
Andreas Kammell

3.30pm Afternoon tea

4:00pm Tools Expo

Percy Baxter Lecture Theatre

Session Chair: Genevieve Carruthers

Profiling and marketing your service or product on the EMS web system
Roger Johnson, The Regional Institute

Environment Essentials Online EMS Platform & Aspect Link
Jacinda Brennan, Environment Essentials

The behaviour change toolbox: using staff to take your organisation beyond your EMS
Bruce Paton, Australian Conservation Foundation

AuditMASTER software: a proven environmental risk management tool
Stephen Jenkins, EnviroRisk Management

5:30pm Close of day one

6:00pm EMS Awards Dinner

The Waterfront Restaurant, Four Points Sheraton

Conference Program

Conference Day Two: Wednesday 13 October 2010

Deakin University, Geelong Waterfront Campus

8:30am Registration

9:00am Plenary 4: International Perspectives

Percy Baxter Lecture Theatre

Session Chair: Genevieve Carruthers

Regional Sustainability in Action: Using an EMS to demonstrate and track progress
Jennifer Smith Grubb, Founder Sustainable Silicon Valley, California USA

Panel discussion on policy options for Australia with Jennifer Smith Grubb and Kate Auty, the Commissioner for Environmental Sustainability, Victoria

10:30am Morning tea

11:00am Concurrent 1A: Agricultural Case Studies

Red Room (D2: 212)

Session Chair: Mick Dawes

The Hunter-Central Rivers CMA using the e-par EMS in the Hunter Valley Wine Industry and Port Stephens Oyster Industry.

Ben Gibson

Rebuilding sustainability in agriculture: Adding Rhizosphere Analysis to the EMS
Jim Fraser

Is collective action in agriculture a possibility? Young farmers and the Australian Land Management Certification System.

Julie Telford

Concurrent 1B: Can EMS assess performance? International case studies

Green Room (D2: 211)

Session Chair: Genevieve Carruthers

Assessing performance of the Rainforest Alliance Certification as a sustainability initiative in Kenyan tea farms.

Benard Ochieng

PUTRAJAYA: A case study of a model EMS development in Malaysia.

Suresh Kumar Lachimpadi

Fitting food system in to the EMS framework: Complementing the objectives at odds.

Dilini Abeygunawardane

12:30pm Lunch

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Conference Day Two: Wednesday 13 October 2010

Deakin University, Geelong Waterfront Campus

1:30pm **Concurrent 2A: Integration of management issues**

Red Room (D2: 212)

Session Chair: Chris Reid

Building business sustainability: Trends in resource management from an energy efficiency perspective.

Richard Furler

Working effectively with certified EMS across industry groups and locations.

Jean Cannon

Experiential learning as a way of improving environmental management system understanding and performance for postgraduate students and businesses

Kenneth Hughey

Concurrent 2B: EMS marketing and financial considerations.

Green Room (D2: 211)

Session Chair: Ambika Zutshi

The global financial opportunity: Environmental Management Systems driving a sustainable supply/ demand cycle.

Kim Sammut

Can sustainable tourism work or is it just niche marketing?

Mrs La Vergne Lehmann

Does ISO14001 Limit Our Sustainability Mindset?

Aaron Westwood

3:00pm **Afternoon tea**

3:30pm **Plenary 5: The role of EMS in environmental policy**

Percy Baxter Lecture Theatre

Session Chair: Genevieve Carruthers

The role of EMS in implementing environmental policy.

Megan Braithwaite

Environmental management systems: Collective action across landscapes.

Tony Gleeson

4:30pm **Conference closing session and presentation of EMS Student Paper Prize**



EMS Association member, Gloria Carter, of EnviroPeople, on the Gold Coast has sponsored a student award for this year's conference. The award is for a full time graduate or post-graduate student at a recognised university in Australia or overseas. Applications must have included a letter from their supervisor outlining their work with EMS.

The criteria for the awards included that the paper had to address some aspects of EMS implementation, demonstrate a research methodology and have suitable content and format. Gloria sponsored this prize as she believes that a life-long learning approach will help to build a more sustainable future world

Conference Program

Field Trip Thursday 14 October 2010

8:00am	Bus departs Meet at the Max Hotel, corner of Gheringhap and Brougham Streets
8:30am	Barwon Water Black Rock Recycling Plant, Connewarre Barwon Water (Barwon Region Water Corporation) is Victoria's largest regional urban water corporation, providing world class water, sewerage and recycled water services to more than 275,000 people across 8100 square kilometres. The Black Rock Recycled Water Plant is Geelong's major sewage treatment and recycled water facility. The tour of the plant with Coordinator David Geare will look at biosolids, recycled water, wind generation, landscaping (tree planting) and work with local environmental groups.
10:00am	Morning tea at the plant
10:30am	Leave Connewarre
11:15am	Arrive Shadowfax Winery, Werribee Park Wine tasting or walk around Werribee Gardens and the historic Werribee Park Mansion.
12noon	Lunch at Shadowfax Cellar Restaurant
12:45pm	Bus leaves for Toyota Plant at Altona
1:15pm	Arrive Toyota Plant Toyota builds two models - Camry and Aurion - in Australia for local and overseas markets. In 2008 the plant at Altona manufactured a record 141,467 vehicles and 114,752 engines. Toyota Australia's manufacturing plant has been certified against the international environmental management standard ISO 14001 since 1998 and in March 2009 an annual surveillance audit was conducted to ensure compliance with ISO 14001. The Toyota Parts Centre in Sydney was certified to ISO 14001 in February 2008. Roll-out across Toyota's non-production sites continued in 2008/09. Toyota Australia's corporate headquarters and its vehicle servicing garage, Company Fleet Altona, achieved ISO 14001 certification in April 2009. Dedicated on-site Toyota EMS teams drive environmental improvement by sharing information with their colleagues. TEMS members at CHQ and Company Fleet meet on a monthly basis to discuss environmental performance indicators, improvement projects, compliance and management of environmental risks. To ensure that the TEMS was functional, monthly environmental internal audits were conducted by the Environment Policy Group and TEMS members to highlight any issues and improvement activities. TEMS is an internal company brand with a logo, signage and an intranet (TEMS and Me) to raise environmental awareness among Toyota Australia staff. The intranet provides how-to guides for recycling, saving energy and water and includes a link to submit suggestions and links to government energy and water-saving sites.
3:30pm	Leave for Melbourne Airport, Afternoon snack on the bus
4:00pm	Arrive Melbourne Airport
5:00pm	Avalon Airport if required
5:30pm	Arrive Geelong