

International Ecological Footprint Conference

Stepping Up the Pace: New developments in Ecological Footprint Methodology, Policy and Practice

8-10 May 2007
Cardiff, Wales (UK)

Conference Programme *(updated 20 March 2007)*

Tuesday 8th May 2007

08.40-09.40	Conference registration								
09.40-09.50	Welcome speech by Professor Ken Peattie, Director ESRC BRASS Research Centre, Cardiff University.								
09.50-10:10	Opening speech by Sue Essex, Former Environment Minister, Welsh Assembly Government (tbc).								
10:10-10.50	Keynote Address: Mathis Wackernagel, co-creator of the Ecological Footprint concept and Executive Director of the Global Footprint Network. <i>"What's possible with Global Footprint Network?"</i>								
10.50-11.30	Keynote Address: Professor Tim Jackson, Professor of Sustainable Development at the University of Surrey and Member of the UK Sustainable Development Commission. <i>"Live better by consuming less? The challenge of sustainable consumption."</i>								
11.30-12.10	Keynote Address: Terry Ahearn, Director of Sustainable Development, Environmental Protection Agency, Victoria, Australia. <i>"Ecological Footprint- Sparking Innovation in Australia."</i>								
12:10-13:30	Lunch and exhibition								
13:30-15:00	Paper Presentations ¹								
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P90 Hayden and Shandra	Hours of Work and the Ecological Footprint of Nations								

¹ P = papers relating to Policy & Practice
M = papers relating to the Ecological Footprint and Methodologies
A = papers relating to Applications

Room B
 A81 Wada et al. **Applications: Environmental Education**
 Development of a Web-Based Personal Ecological Footprint Calculator for the Japanese
 A72 Finn EPA Victoria
 A77 Carragher et al. Pilot Study to Develop an Effective School-Based EF as a CBSM Vehicle
 A41 Nash and George Use of the Ecological Footprint to Embed Eco-Practice

Room C
 P60 George **Policy & Practice: Policy, Politics and Decision-Making (1)**
 Ecological Footprint at a Small Scale: Review of the Practical Use of Ecological Footprinting in 2007
 P42 Cowell Leaving a Mark? The Institutionalisation of Ecological Footprinting
 P35 Barrett The Policy Relevance of the Ecological Footprint
 P92 Curry and Maguire Integration with Other Decision Making Tools: The use of Ecological Footprint Analysis in Sustainable Development Policy Making: A Case Study of Northern Ireland

Room I
 A48 Burdick **Applications: Businesses (1)**
 Certifying Sustainability: Measuring and Certifying Sustainable Products
 A87 Narberhaus One Planet Business - Creating Value within Planetary Limits
 A103 Hannigan-Popp and Duncan Pilot Projects in Business and the Environment undertaken by Groundwork

Assembly Room
 M65 Kitzes et al. **Methodology: National Footprint Accounts (1)**
 A Research Agenda for Improving National Ecological Footprint Accounts
 M94 Cranston et al. Exploring the Factors that Influence National Environmental Footprints
 M78 Simmons et al. Assessing the Quality of the National Footprint Accounts using Germany as a Case Study

15:00-15:30 Coffee break

15:30-17:00 Paper Presentations

Room A
 A62 Collins **Applications: Spaces and Places (1)**
 Energy Footprints of Cork City Council's 'Sustainable City Campus'
 A68 Huser and Macdonald Development of the Ecological Footprint as a Sustainability Indicator for the Waikato Region, North Island, New Zealand
 A101 Xiao-dong et al. Application Research of Ecological Footprint: Time Sequence and Comparative Analysis of Selected Chinese Cities

Room B
 A70 Wallace **Applications: Food**
 Easy on the Oil: Policy options for a smaller waistline and a lighter footprint
 A105 Collins and Fairchild Jamie Oliver's School Dinners Campaign: An analysis of the nutritional and environmental impacts
 A33 Frey and Barrett Our Health, Our Environment: The Ecological

Footprint of What We Eat

Room C

P27 Stoeglehner and
Narodoslawsky

P86 Lewis et al.
P50 Paul et al.

**Policy & Practice: Policy Politics and
Decision-Making (2)**

Applying Ecological Footprinting in Decision Making
Processes on Future Local and Regional Energy
Supplies

Ecological Footprint Standards

Using the Resources and Energy Analysis
Programme for Strategic Policy Advice

Room I

A36 Wiedmann et al.

A82 Simmons

A58 Bouazzaoui et al.

Applications: Businesses (2)

Companies on the Scale: Comparing and
Benchmarking the Footprints of Businesses

Footprinting Businesses Using Corporate Stepwise

Ecological Footprint at a Small Scale: Proposition of
a Method and Model of Representation of
Ecological Footprint for Industrial Activities

Assembly Room

M85 Lewis et al.

M66 Kitzes et al.

M80 Lewis et al.

Methodology: National Footprint Accounts (2)

Sensitivity and Footprint Time Series

A "Constant Global Hectare" Method for
Representing Ecological Footprint Time Trends

Financial and Physical Application Methods

18.00-19:00

Evening Event: Tour of 'The Senedd', the new Welsh Assembly
Government Building, Cardiff Bay.

19:00-21:00

Evening Reception at the Wales Millennium Centre, Cardiff Bay.
Sponsored by the Welsh Assembly Government.

Welcome speech by Grant Duncan, Head of Sustainable Futures
Division, Welsh Assembly Government.

Wednesday 9th May 2007

09:00-10:00

Conference registration

10:00-10:10

Welcome speech by Professor Ken Peattie, Director ESRC BRASS
Research Centre, Cardiff University.

10:10-10:50

Keynote Address: Professor William Rees, co-creator of the Ecological
Footprint concept and Professor of Community and Regional Planning
at the University of British Columbia.
*"Eco-Footprints to (Un)Sustainability: Material Growth, the Second Law
and Social (In)justice."*

10.50-11.30

Keynote Address: Professor David Pimentel, Professor Emeritus of
Ecology & Agricultural Sciences, Department of Entomology and
Systemics, Cornell University, Ithaca.

11:30- 12:10

Keynote Address: David Stubbs, Head of Environment & Sustainable
Development, The London Organising Committee of the Olympic
Games and Paralympic Games.

12:10-13:30 Lunch & Exhibition
 13:30-15:00 Paper Presentations

Room A

A53 Siche et al.
 A75 Vackar et al.
 A59 Wiedmann et al.

Applications: Spaces & Places (2)

Approach of the Ecological Footprint Based on Energy (EEF) – Peru as case study
 Urban Ecological Footprint and Metabolism: The Case of the Pilsen Metropolitan Area
 Modelling Ecological Footprints for sub-regional Levels: A Detailed Footprint of Consumption in Melbourne and Local Areas of Victoria

Room B

M40 Hoekstra
 M74 Vackar
 M38 Chapagain and Orr

Methodology: Biodiversity & Water

The Water Footprint Concept
 Ecological Footprint and Biodiversity Sustainable use
 The water footprint of EU Fresh Tomato Consumption from Spain: Refining Methods for Intensive Plastic-covered Agricultural Systems

Room C

A106 Collins et al.
 A88 Pederick
 A23 Govender

Applications: Events

Comparing the economic and environmental impacts of major sporting events: the RBS Rugby Six Nations and FA Cup Final at Cardiff's Millennium Stadium
 The Ecological Footprint as a Tool for Reducing the Environmental Impact of Events: A Case Study
 Assessment of the Ecological Footprint of the WSSD

Room I

M97 Wermer et al.
 M73 Havranek and Vackar
 M69 MacDonald

Methodology: Conversion, Energy & Greenhouse Gases (1)

Calculating the Carbon Conversion Factor
 Ecological footprint of the Czech Republic: Robustness of Energy Conversion Approaches
 Towards a Multi-dimensional Ecological Footprint

Assembly Room

A32 Hummel et al.
 A43 Demenge
 A51 Agostinho et al.

Application: Farming

Ecological Impact and Cost of Fattening Cattle with Three Different Production Systems Evaluated using the Eco-footprint method
 Measuring Ecological Footprints of Subsistence Farmers in Ladakh
 True Ecological Footprints for Small Farms in Brazil

15:00-15:30 Coffee break
 15:30-17:00 Paper Presentations

Room A

A57 Leighton et al.
 A102 Birch

Applications: Spaces & Place (3)

Local Authorities Leading the Way for a Low Footprint UK
 From Master Plans to Local Strategies - High and Low level Applications of the Ecological Footprint

Room B

M89 Roy et al.

M100 Taniguchi et al.

M76 Sherrington and Moran

Methodology: Planning

GIS/EFA-based Modelling: Critical Success Factors

Development of a Water Supply Footprint Index to Assess the Water Balance for Local Land-use Planning

Treading Lightly or Trampled Underfoot? The limitations of the Ecological Footprint approach in planning for sustainability: a case study of onshore wind power in Scotland

Room C

A79 Chambers and Roper

A45 de Felipe and Lopez

A99 Herva Iglesias et al.

A95 Niccolucci et al.

Applications: Products & Sectors

Using Ecological Footprinting to Inform Product Design

Ecological Footprint Calculation in Construction

An Approach for the Application of the Ecological Footprint as Environmental Indicator in the Textile Sector

The Ecological Footprint Analysis Applied to Two Different Italian Wine Productions

Room I

M64 Walsh et al.

M96 Wermer et al.

M54 Siche et al.

Methodology: Conversion, Energy & Greenhouse Gases (2)

Incorporating Methane into Ecological Footprint Calculations

Potential Revisions to the Nuclear Power Footprint

Energy Net Primary Production as basis for calculation of Ecological Footprint

Assembly Room

A37 Wiedmann et al.

A52 Moran et al.

A21 Tukker

A84 Simmons

A39 Philomena

Application: Trade & Environment

Multiregional Input-Output Modelling Opens New Opportunities for the Estimation of Ecological Footprints Embedded in International Trade

Trading Spaces: Embodied Ecological Footprints in International Trade

Towards a Global Regionalised Environmentally Extended Input-Output Database, Linked to the Ecological Footprint

Tracking Footprints: A New Global Evidence Base Which Links Primary Resource Extraction to Final Consumption

Exportation: the Constant Apparition of the Ecological Bigfoot in Brazil

18:30-20:30

Evening event (optional):

'Seren-y-Bae' boat cruise, Cardiff Bay

Restricted to 55 delegates

(Please note: payment to be made in advance when registering for conference)

Thursday 10th May 2007

08.30-9.30	Conference registration
09.30-09.40	Welcome and introductory speech by Morgan Parry, Director of WWF Cymru.
09.40-09.55	Nigel Hollett, Chair of Footprint Wales and Sustainable Development Policy Manager, Environment Agency Wales. <i>"Footprint Wales - sharing good practice and navigating the future."</i>
09.55-10.55	UK Government: Engaging with the Ecological Footprint Sarah Hawkes, Statistical Advisor, DEFRA Dr. Simon Bilsborough, Sustainable Development and Spatial Plan Division, Welsh Assembly Government Tim Irwin, DoE Northern Ireland (tbc)
10.55-11.10	Countryside Council for Wales, speaker (tbc) <i>"Wales' Carrying Capacity."</i>
11.10-11.40	Coffee Break
11.40-13.40	Workshops Sessions

Lead by:

Workshop Title:

WWF UK, Centre for Alternative Technology, Ecodyfi & SEI	Ecological Footprint, a driver for change at the community level in the UK?
WWF UK, Cardiff Council & Centre for Alternative Technology	Learning for Sustainability and Ecological Footprinting
Millennium Institute & Global Footprint Network	Sustainable Human Development: Footprint applications in Africa and T21 analysis of alternative development paths
The GPT Group	Application of an Australian Retail Ecological Footprint Calculator
Ecolife	Ecological Footprint and behavioural change
Best Foot Forward	Footprinting your Business
ISA-UK Research & Consulting	Ecological Footprint and Triple Bottom Line Analysis for Companies and Organisations: Theory and Practice
Global Footprint Network	The Future of the Footprint: A community dialogue
Global Footprint Network	National Ecological Footprint Accounting:

Theory, Methodology, and Practice

13.40-14.30	Lunch & Exhibition
14.30-16.30	Workshop Sessions <i>contd.</i>
16.30- 17:30	Coffee Break & Networking