



**BGCI 7TH INTERNATIONAL CONGRESS
ON EDUCATION IN BOTANIC GARDENS**

Durban, South Africa · 1st - 5th November 2009 · www.ebg2009.org.za

Sunday 1 November

Durban Botanic Gardens

Time	Session description
16.00 – 18.00	Registration and guided tours of Durban Botanic Gardens Visitors Complex Hall 9a Sydenham Road
18.00	Opening reception Cocktail function and live jazz music

Monday 2 November 2009

International Convention Centre

Time	Session type	Session description
08.00-08.30		Video presentations An opportunity for delegates to show videos of their gardens and work
08.30		Welcome
09:00		Keynote introduction: Donavan Fullard , Deputy Director: Biodiversity Education and Empowerment, SANBI Keynote: Brian Huntley , former Chief Executive of South African National Biodiversity Institute Venue: Hall 2BH

09.30 – 11.00	<p>Session 1: paper</p> <p><i>Session splits into 3 parallel sessions</i></p>	<p>Achieving the GSPC & MDGs through education</p> <p>Chair: Felicity Gaffney, National Botanic Garden, Glasnevin, Ireland</p> <p>Tamar Arbel Elisha, Ramat Hanadiv – Rothschild Memorial Gardens and Nature Park, Israel. <i>Holistic experience at Ramat Hanadiv Park</i></p> <p>Eugenie Novellie, Pretoria National Botanical Garden. <i>Greening Vhembe: A Partnership for Biodiversity and Human Wellbeing.</i></p> <p>Loic Ruellan, Botanique National, Brest, France. <i>Partnerships for conservation</i></p> <p>Venue: 11AB</p>	<p>Achieving the GSPC & MDGs through education</p> <p>Chair: Janelle Hatherly, Botanic Gardens Trust, Sydney, Australia</p> <p>Lauren Gardiner, Kew Gardens, UK & Zoe Parfitt and Zoe Barnes, Writhlington School, UK. <i>Do orchids really grow on trees?</i></p> <p>Vusimuzi Lukhele, SANBI, South Africa. <i>Developing propagation protocols of medicinal plants in mpumalanga for conservation and education.</i></p> <p>Suzanne Sharrock, Botanic Gardens Conservation International. <i>Community based plant conservation – a new approach for botanic gardens?</i></p> <p>Venue: 21ABC</p>	<p>The Decade of ESD</p> <p>Chair: Judy Fox, Cambridge University Botanic Garden, UK</p> <p>Stephen Meredith, Botanic Gardens of Adelaide, Australia. <i>The Quest: a vehicle for integrated learning</i></p> <p>Alice Maltby, University of Bristol Botanic Garden, UK. <i>A journey through time: the story of evolution brought to life.</i></p> <p>Esther García Guillén, Real Jardín Botánico-CSIC, Spain. "Celebrating the 300th anniversary of Linnaeus at CISC Royal Botanic Garden".</p> <p>Venue: 21DEFG</p>
11.00	Break and conversation			
11.30	<p>Session 2: papers</p> <p><i>Session splits into 3 parallel sessions</i></p>	<p>Ways of Learning Towards Environmental Justice</p> <p>Chair: Andre Graziano, landscape and architecture design department, Sao Paulo, Brazil</p> <p>Réjane Brun, Bordeaux Botanic Garden, France. <i>Building green bridges: investing in education.</i></p> <p>Remi Saxe, Conservatoire et Jardins Botaniques de Nancy, France. <i>Understanding the social situation for</i></p>	<p>The Decade of ESD</p> <p>Chair: Eugenie Novellie, Pretoria National Botanical Garden</p> <p>Suzanne Sharrock, Botanic Gardens Conservation international. <i>Networking botanic gardens for conservation – the role of BGCI's databases</i></p> <p>Felicity Gaffney, National Botanic Gardens, Glasnevin, Ireland. <i>Integrating Sustainability and Plant Conservation into Education programmes at the National Botanic</i></p>	<p>The Decade of ESD</p> <p>Chair: Belinda Hawkins, BGCI</p> <p>Prof. James Wandersee, Louisiana State University, USA. <i>Seeing plants: the theory of Plant Blindness.</i></p> <p>Cath Armstrong, Bedgebury Arboretum, UK. <i>Acting as ambassadors for conifers.</i></p> <p>Susan Wagner, Morton Arboretum, USA. <i>Global Trees Campaign mobile exhibition: reaching large audiences.</i></p>

		<p><i>the protection of biodiversity</i></p> <p>Judy Fox, Cambridge University Botanic Garden, Cambridge, UK. <i>Keeping active learning, environmental sensitivity and social justice in mind when developing education programmes?</i></p> <p>Venue: 11AB</p>		<p><i>Gardens of Ireland.</i></p> <p>Kate Wachtmeister, Longwood Gardens, USA. <i>A Collaborative Approach to Program Development in Public Gardens.</i></p> <p>Venue: 21ABC</p>			<p>Venue: 21DEFG</p>	
13.00	Lunch							
14.00	<p>Session 3: workshops</p> <p><i>session splits into 6 parallel workshops</i></p>	<p>Rémi Saxe, Conservatoire et Jardins Botaniques de Nancy, France. <i>Older people as special mediators for the younger generations?</i></p> <p>Venue: 11AB</p>	<p>Angela McFarlane & Christine Newton, Royal Botanic Gardens, Kew. <i>The Great Plant Hunt</i></p> <p>Venue: Hall 2BH</p>	<p>Sikhauli Nkhangweleni, Pretoria National Botanical Garden, Kirstenbosch National Botanical Garden, South Africa. <i>SANBI Outreach Greening Programme: A model for mitigating climate change</i></p> <p>Venue: 21ABC</p>	<p>Michael Holland, Chelsea Physic Garden, UK. <i>Shelf Life</i></p> <p>Venue: 21DEFG</p>	<p>Michael Vaughn, Denver Botanic Gardens, United States. <i>Making use of technology for sustainability</i></p> <p>Venue: 12AB</p>	<p>Sarah Kneebone, Oman Botanic Garden, Oman. <i>How Generic Learning Outcomes can help improve our performance</i></p> <p>Venue: 12CD</p>	
15.30	Break and conversation							
16.00 – 17.30	<p>Session 4: papers</p> <p><i>Session splits into 3 parallel sessions</i></p>	<p>Achieving the GSPC & MDGs through education</p> <p>Chair: Maria Bellet, Real Jardin Botanico Madrid, Spain</p>		<p>The Decade of ESD</p> <p>Chair: Cath Armstrong, Bedebury Arboretum, UK</p>			<p>The Decade of ESD</p> <p>Chair: Martin Clement, Durban Botanic Garden</p>	

	<p>Katia Astafieff, Conservatoire et Jardins Botaniques de Nancy, France. <i>Making children aware of the problem of invasive species.</i></p> <p>Maïté Delmas, Museum national d'histoire naturelle, Paris, France. <i>Ecosystem approach to environmental education</i></p> <p>Jonathan Foley, Durban University of Technology, South Africa. <i>Alien Alley at Durban Botanic gardens - evaluating the effectiveness of interpretation as a means to build awareness of invasive alien plants</i></p> <p>Venue: 11AB</p>	<p>Janelle Hatherly, Botanic Gardens Trust Sydney, Australia. <i>Are tranquil green spaces the perfect places for public debate?</i></p> <p>Barbara Engelschall, Hamburg Botanical Society, Germany. <i>Travelling Exhibition on the African Devil's Claw and its Harvesters.</i></p> <p>Julia Willison, Botanic Gardens Conservation International. <i>Plant Conservation Day – an international public awareness initiative</i></p> <p>Venue: 21ABC</p>	<p>Janice Yau, Singapore Botanic Gardens. <i>Jacob Ballas Children's garden: Singapore Botanic Gardens' experience.</i></p> <p>Gabriele Rinaldi, Bergamo Botanical Garden "Lorenzo Rota", Italy. <i>Mind the gap – linking young people and plants.</i></p> <p>Dilan Bayindir, Nezahat Gökyigit Botanic Garden, Turkey. <i>A children's gardening project model focused on sustainability.</i></p> <p>Venue: 21DEFG</p>
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Tuesday 3 November

International Convention Centre

Time	Session type	Session description
08.00-08.30		Video presentations An opportunity for delegates to show videos of their gardens and work
08.30		Housekeeping Master of Ceremonies: Margaret Cooke , Durban Botanic Garden
09:00		Keynote introduction: Chris Dalzell , Curator, Durban Botanic Gardens, South Africa Keynote Stella Simiyu , BGCI Global Plant Conservation Strategy Officer , Kenya
	Venue: Hall 2BH	

09.30 – 10.30	Session 5: Posters and Trade Fair	<ul style="list-style-type: none"> • Cath Armstrong, Bedgebury Arboretum, UK. <i>Ambassadors for conifers</i> • Barbara Engelschall, Greenhouse for Tropical Crops University Kassel, Germany. <i>Travelling exhibition on the African Devil's Claw and its harvesters</i> • Martin Clement, Durban Botanic Gardens, South Africa. <i>Durban Botanic Gardens Education Programme</i> • Lauren Evans, Belinda Hawkins, Suzanne Sharrock and Julia Willison, BGCI. <i>Showcasing BGCI's Work Around the World</i> • Linette Ferreira, SANBI Pretoria National Botanical Garden, Pretoria, South Africa. <i>Interpretation in SANBI</i> • Esther Garcia Guillén and María Bellet Serrano, Real Jardin Botanico - Spanish National Research Council, Madrid, Spain. <i>Developing scientific knowledge in students through teacher training</i> • Jonathan Foley, Durban University of Technology, South Africa. <i>Alien Alley at Durban Botanic Gardens</i> • Michael Holland, Chelsea Physic Garden, UK. <i>Shelf Life</i> • Sarah Kneebone, Oman Botanic Garden, Oman. <i>Introduction to Oman Botanic Garden and Greening Oman Botanic Garden</i> • Simon Pugh-Jones, Zoe Barnes and Zoe Parfitt, Writhlington College, UK and Lauren Gardiner, Royal Botanic Gardens Kew. <i>Orchid Propagation is Child's Play</i> • Gabriele Rinaldi, Bergamo Botanical Garden "Lorenzo Rota", Italy. <i>Mind the Gap Between Young People and Plants</i> • Didier Roguet, Jardin botaniques de Genève, Switzerland. <i>Look, there is a palm tree in my Swiss forest</i> • Loïc Ruellan, Conservatoire Botanique National de Brest, France. <i>Partnerships for Conservation</i> • Janice Yau, Singapore Botanic Gardens. <i>Jacob Ballas Children's Garden: Singapore Botanic Gardens' experience</i> <p>Venue: Hall 2AF</p>		
10.30	Break and conversation			
11.00	Session 6: Knowledge Café	<p>Lauren Evans, Belinda Hawkins, Suzanne Sharrock, Stella Simiyu, Julia Willison, BGCI</p> <p>Knowledge Café: Education and the Global Strategy for Plant Conservation – facing the future Next year at a meeting of the Conference of the Parties (COP) to the CBD, in Japan, governments will decide on the aims, priorities and actions for the Global Strategy for Plant Conservation post 2010. This Knowledge Café will gather people's views and contributions on education and the GSPC and feed them into the consultation process that will culminate in a report for consideration by the COP.</p> <p>Venue: Hall 2BH</p>		
13.00	Lunch			
14.00	Session 7: papers <i>Session splits into 3 parallel sessions</i>	<p>Climate change and environmental action</p> <p>Chair: Sarah Kneebone, Oman Botanic Garden, Oman</p>	<p>Achieving the GSPC & MDGs through education</p> <p>Chair: Louise Bustard, Glasgow Botanic Gardens, Scotland</p>	<p>The Decade of ESD</p> <p>Chair: Sharon Myrie, Brooklyn Botanic Garden, USA</p>

		<p>Katia Astafieff, Conservatoire et Jardins Botaniques de Nancy, France. <i>Understanding climate change: a course for children based on writing a story.</i></p> <p>Katarina Nitschke, Botanic Gardens of Adelaide, Australia. <i>A garden for a changing climate: education, interpretation and inspiration.</i></p> <p>Belinda Hawkins, Botanic Gardens Conservation International: Communicating Climate Change. <i>BGCI's on-line education pack</i></p> <p>Venue: 11AB</p>	<p>Maria Bellet, Real Jardin Botanico, Madrid, Spain. <i>Developing scientific knowledge in students through teacher training.</i></p> <p>Jonathan Foley, Durban University of Technology, South Africa. <i>Using the Durban Botanic Gardens and satellite nurseries to enhance the teaching of ethnobotany in tertiary environmental education.</i></p> <p>Leigh Morris, Royal Botanic Garden Edinburgh, UK & Dilan Bayindir, Nezahat Gökyigit Botanic Garden, Turkey. <i>Practical Certificate in Horticulture Training Programme. Collaboration by RBGE and NGBB for hands-on Horticulture.</i></p> <p>Venue: 21ABC</p>	<p>Janelle Hatherly, Botanic Gardens Trust Sydney, Australia. <i>Beyond the Garden Walls: greening the urban environment and cultivating communities.</i></p> <p>Ronaldo Wasum, Caxias do Sul Botanic Garden, Brasil. <i>The botanic garden goes to school.</i></p> <p>Angela McFarlane and Christine Newton, Kew Gardens, UK. <i>Enhancing visitors' experiences through technology</i></p> <p>Venue: 21DEFG</p>
15.30	Break and conversation			
16.00 17.30	<p>Session 8: papers</p> <p>Network meetings</p>	<p>National and regional botanic garden network meetings:</p> <ul style="list-style-type: none"> • Africa (chair: Donovan Fullard, SANBI venue: 11AB) • Asia/Pacific (chair: Steve Meredith, Adelaide Botanic Garden, Australia, venue: 21ABC) • Europe (meeting in English) (chair: Christine Newton, Royal Botanic Gardens, Kew, UK, venue: Hall 2BH) • Europe (meeting in French) (chair: Loïc Ruellan, Conservatoire Botanique National de Brest, France & Rejané Brun, Bordeaux Botanic Garden, France, venue: 21DEFG) • North America (chair: Sharon Myrie, Brooklyn Botanic Garden, USA, venue:12AB) • Middle East (chair: Sarah Kneebone, Oman Botanic Garden, Oman, venue:12CD) 		
17.30	Break – snacks (provided) and drinks (for your own account)			
18.15- 19.45	<p>The Age of Stupid</p> <p>Join us for a viewing of this sparky, documentary film which is a passionate and urgent call for us to avert the devastating consequences of climate change. The Age of Stupid features Oscar-nominated actor Pete Postlethwaite who looks back from 2055 to find out why it was that people in 2009</p>			

	did nothing to stop the eco-catastrophe that was staring them in the face.
20.15	Coaches to hotels

Wednesday 4 November

Durban Botanic Gardens

Time									
08:00	Teachers sign in (DBG Visitors Complex)								
08.15	Chi Kung on the lawn (in front of Ernest Thorpe Orchid House)								
08:45	Welcome from Durban Botanic Gardens Curator, Chris Dalzell (DBG Amphitheatre)								
	Interpretative Workshops Session 1								
09.15	John Roff , Hilton College. <i>Arts for the Earth</i> Venue: Lake 1	Nic Shaw , Entabeni Communications <i>Ecological interpretation</i> Venue: Lake 2	Caleb Mandikonza & Rob O'Donoghue WESSA, Umgeni Valley & Rhodes University <i>IKS Handprints for change I: Leaf harvesting practises and nutrition</i> Venue: Lake 3	Linette Ferreira , SANBI <i>Interpretive storyboard & plant label design</i> Venue: VC Hall	Paula Osborn , ISS & Earthfirst <i>Investigating soil life using earthworms</i> Venue: VC Patio	Mohini Padayachee (William Poulton Library, DBG) <i>The use and power of story: imaginings for a sustainable future</i> Venue: Curator's House	DBG education guides <i>Creative education and interpretation practise</i> Venue: Alien Alley(alt: VC Board Room)	Zoe Barnes, Zoe Parfitt, Lauren Gardiner and Simon Pugh-Jones , Writhlington School, UK <i>Orchid propagation is child's play</i> Venue: P&D micro prop. lab & William Poulton Library	Diana Woodcock , Virginia Commonwealth University, Qatar <i>Using poetry to develop ecological literacy</i> Venue: Discovery Room & Boma
10.45	Interpretative Tea Stations – South African cultural taste experiences at various land art sites in Gardens								
	Interpretative Workshops Session 2								

11.30	<p>Jane Forrester SANBI <i>Creative guiding approaches for engaging visitors</i> Venue: Lake 1</p>	<p>Chandra Naidu Greenpix. <i>Discover your "Picasso" : exploring plants, art and stewardship</i> Venue: Lake 2</p>	<p>Mohini Padayachee, William Poulton Library, DBG <i>The use and power of story: imaginings for a sustainable future</i> Venue: Lake 3</p>	<p>Sally Hey, Kirstenbosch National Botanical Gardens <i>Developing curriculum linked activities and resources for a biodiversity lesson</i> Venue: VC Hall</p>	<p>Caroline Conway-Physick, WESSA, EcoSchools Venue: VC Patio</p>	<p>Clare Peddie, WESSA ShareNet <i>Developing learning support materials</i> (Hands On Series) Venue: Curator's House</p>	<p>DBG education guides <i>Creative education and interpretation practise</i> Venue: Alien Alley/Lake (alt: VC Board Room)</p>	<p>Lucy Watson, Oceanview Montessori School. <i>The value of natural outdoor play and sensorial stimulation in early education</i> Venue: William Poulton Library</p>	<p>Diana Woodcock, Virginia Commonwealth University, Qatar <i>Using poetry to develop ecological literacy</i> Venue: Discovery Room</p>
13.00	Lunch (Visitors Complex)								
13:30	<p>In tune with the Earth - how plants have shaped the world's musical instruments and traditions – a musical journey with local Environmental Educator, John Roff at the Gardens Visitors Complex.</p> <p>Please note. Delegates are welcome to bring a plant-related musical instrument from their country to show/demonstrate during this session.</p>								
	Interpretative Workshops Session 3								

14.00	Nic Shaw, Entabeni Communications <i>Ecological interpretation</i> Lake 1	John Roff, Hilton College. <i>Arts for the Earth</i> Venue: Lake 2	Caleb Mandikonza & Rob O'Donoghue WESSA, Umgeni Valley & Rhodes University <i>IKS Handprints for change II: Plant nurseries and habitat rehabilitation</i> Venue: Lake 3	Sally Hey, Kirstenbosch Botanic Gardens <i>Developing curriculum inked activities and resources for a biodiversity lesson</i> Venue: VC Hall	Paula Osborn, ISS & Earthfirst <i>Investigating soil life using earthworms</i> Venue: VC Patio	Lucy Watson, Oceanview Montessori School. <i>The value of natural outdoor play and sensorial stimulation in early education.</i> Venue: VC Board Room	Gabriel Mngoma & Erin Marteal, DBG & Cornell University <i>Permaculture, biodiversity & human wellbeing</i> Venue: Permaculture garden	Zoe Barnes, Zoe Parfitt, Lauren Gardiner and Simon Pugh- Jones, Writhlington School, UK. <i>Orchid propagation is child's play</i> Venue: P&D micro prop lab & William Poulton Library	Caroline Conway-Physick, WESSA. <i>EcoSchools</i> Venue: Discovery Room & Boma
15.30	Final opportunity to visit Durban Botanic Garden and shop								
16.45	Bus / coach to hotels (departing DBG Visitors Complex)								
19.00	Gala Dinner – International Convention Centre (ICC)								

Thursday 5 November

International Convention Centre

Time	Session type	Session description
08.00- 08.30		Video presentations An opportunity for delegates to show videos of their gardens and work
		Housekeeping Master of Ceremonies: Margaret Cooke, Durban Botanic Garden
09:00		Keynote introduction: Julia Willison, BGCI

	Keynote: Caroline Lewis , Director of Education, Fairchild Tropical Botanic Garden , USA		
	Venue: Hall 2BH		
09.30	<p>Session 9</p> <p><i>Session splits into 2 parallel sessions</i></p>	<p>The Decade of ESD</p> <p>Chair: Lauren Evans, BGCI</p> <p>Linette Ferreira & Alice Notten, SANBI Pretoria National Botanical Garden, Pretoria, South Africa. <i>Interpreting biodiversity and climate change and empowering visitors to make a difference.</i></p> <p>Sharon A. Myrie, Brooklyn Botanic Garden, USA. <i>Program enrichment during tough times: how do you turn your vision into reality?</i></p> <p>Alla Andreeva, Botanic Garden, Moscow State University, Russia. <i>Plant-based education: can we see any progress?</i></p> <p>Venue: 21ABC</p>	<p>The Decade of ESD</p> <p>Chair: Stephen Meredith, Adelaide Botanic Garden, Australia</p> <p>Sarah Kneebone, Oman Botanic Garden, Oman. <i>Jewel of Arabia – developing education at the Oman Botanic Garde.</i></p> <p>Andre Graziano, landscape and architecture design department, Sao Paulo, Brazil. <i>Parque do Povo - Park of the People, Sao Paulo, Brazil.</i></p> <p>Richard Benfield, Central Connecticut State University, USA. <i>What Botanic Garden managers want and what the tourist wants – 179 degrees difference?</i></p> <p>Venue: 21DEFG</p>
11.00	Break and conversation		
11.30	<p>Session 10:</p>	<p>Summary reports on themes of congress</p> <p>Panel discussion: Climate change, the runaway challenge: how can we steer our communities to action?</p> <p>Chair: Megan Lewis (Environmental Management Department, eThekweni Municipality, Durban)</p> <p>Panel: Janelle Hatherley (Botanic Gardens Trust Sydney, Australia), Stella Simiyu (BGCI/CBD), Caroline Lewis (Fairchild Tropical Botanic Garden, USA) and Donvan Fullard (SANBI).</p> <p>Woza Moya Singers</p> <p>Thank yous</p> <p>Venue: Hall 2BH</p>	
13.00	Lunch		
	End of Congress		

