

# Facts and Figures

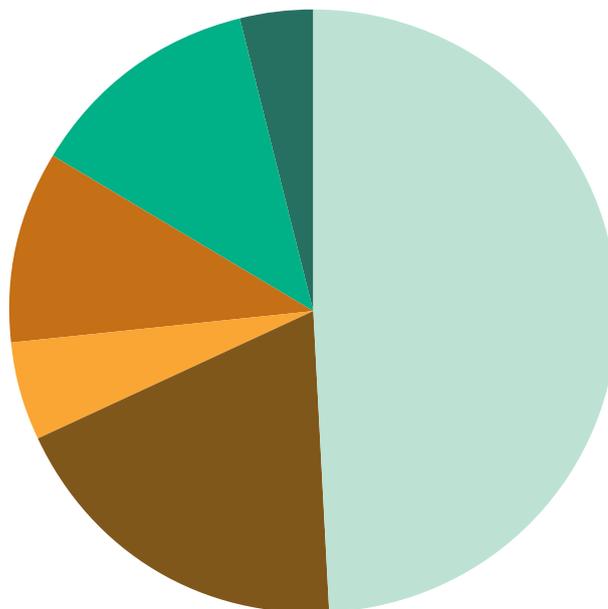
FY 2010

## Staff Strength

# 897

### As at 31 March 2010

■ Degree & above	442
■ Diploma	170
■ 'A' Level	48
■ Secondary & 'O' Level	92
■ ITE/Certificate	111
■ Primary & below	34
<b>Total</b>	<b>897</b>



## Awards and Accolades

Asia Human Capital Summit 2011	Special Commendation
Excellent Service Award 2010	9 Star, 2 Gold, 11 Silver
ISO 9001:2008	
ISO 14001:2004	
PS21 Excel Convention 2010	“Best Ideator” Bronze
PS21 Star Service Award 2010	1
NTUC May Day CBF Model Partnership Awards	1 Institutional Category, 1 Individual Category
SHARE Awards 2010	Gold
Singapore HEALTH Award	Platinum Award, Fitness Sub-Category Award

## National Day Awards 2010

<b>Dr Wong Wei Har</b> Director <i>Singapore Botanic Gardens</i>	Public Administration Medal (Silver)
<b>Ms Sharon Chan</b> Assistant Director <i>Sungei Buloh Wetland Reserve Branch</i>	Public Administration Medal (Bronze)
<b>Tee Swee Ping</b> Assistant Director <i>Streetscape West Branch</i>	Public Administration Medal (Bronze)
<b>Lam Yan Hoe</b> Section Head <i>Coastal Parks Branch</i>	Commendation Medal
<b>Ms Tan Siew Tin</b> Assistant Director <i>Facilities Management Branch</i>	Commendation Medal
<b>Ms Loh Chay Hwee</b> Section Head <i>Urban Gardening Branch</i>	Efficiency Medal
<b>Omar bin M P Shamsudeen</b> Manager <i>Development Management 1 Branch</i>	Efficiency Medal
<b>Ms Ruyati binte So'ad</b> Support Officer <i>Prosecution &amp; Enforcement Branch</i>	Long Service Medal
<b>Ms Zulfa binte Samari</b> Record Keeper <i>Physical Planning Branch</i>	Long Service Medal

# Facts and Figures

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## Regional Parks Managed by NParks

	Area (ha)		
Admiralty Park	25.67	Lower Peirce Reservoir	6.00
Ang Mo Kio Town Garden East	4.88	Lower Seletar Reservoir Park	3.30
Ang Mo Kio Town Garden West	20.63	MacRitchie Reservoir	12.00
Bedok Reservoir Park	42.39	Marina Promenade	15.10
Bedok Town Park	14.62	Mount Faber Park	56.46
Bishan Park	49.51	one-north Park	3.39
Bukit Batok Nature Park	35.74	Pasir Ris Park	73.02
Bukit Batok Town Park – Little Guilin	42.16	Pasir Ris Town Park	12.76
Bukit Timah Nature Reserve	162.64	Pearl's Hill City Park	8.48
Central Catchment Nature Reserve	455.00	Pulau Ubin Recreation Area	649.94
Changi Beach Park	31.11	Punggol Park	16.30
Choa Chu Kang Park	5.00	River Valley Road / Clemenceau Ave Open Space	1.22
Clementi Woods Park	11.73	Sembawang Park	15.48
Coney Island	46.64	Sengkang Riverside Park	20.70
Dairy Farm Nature Park	75.32	Singapore Botanic Gardens	64.04
Duxton Plain Park	1.80	Sungei Buloh Wetland Reserve	164.61
East Coast Park	209.60	Sun Plaza Park	9.58
Empress Place	1.50	Telok Ayer Green	0.13
Esplanade Park	2.40	Telok Blangah Hill Park	34.19
Fort Canning Park	17.96	Tiong Bahru Park	3.00
Hindhede Nature Park	10.39	Toa Payoh Town Park	4.78
Hong Lim Park	0.23	Upper Peirce Reservoir Park	12.00
HortPark	23.50	Upper Seletar Reservoir Park	15.00
Istana Park	1.30	War Memorial Park	1.64
Jurong Central Park	7.19	Waterboat House Garden	0.06
Kallang Riverside Park	4.81	West Coast Park	50.00
Kent Ridge Park	46.52	Windsor Interim Green	60.00
Kim Seng Park	0.90	Woodlands Town Garden	10.94
Kranji Nature Trail	38.45	Woodlands Waterfront Park	11.22
Kranji Reservoir Park	9.00	Yishun Park	14.15
Labrador Nature Reserve (Labrador Park and Nature Reserve)	25.44	Zhenghua Park	13.50
		<b>Total</b>	<b>2,787.02</b>

## Total Number of Parks

	Area (ha)
Regional parks	62
Neighbourhood parks	255
Park connectors*	41
<b>Total</b>	<b>358</b>

## Total Area Maintained

	Area (ha)
Parks, playgrounds, open spaces, fitness corners and park connectors**	2,296
Nature reserves	3,347
Istana	42
Roadside greenery	2,664
Vacant state land	1,679
Government premises	9
<b>Total</b>	<b>10,037</b>

\* The total mileage of the park connectors maintained is 160 kilometres as of 31 March 2011.

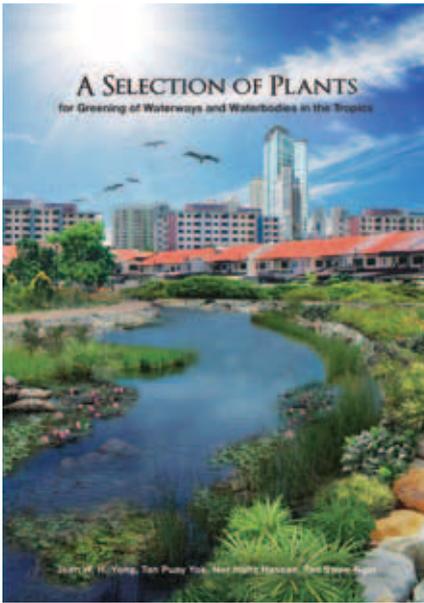
\*\* Excludes Bukit Timah Nature Reserve, Central Catchment Nature Reserve, Sungei Buloh Wetland Reserve and 10 hectares from Labrador Nature Reserve which have been computed under 'Nature reserves'.



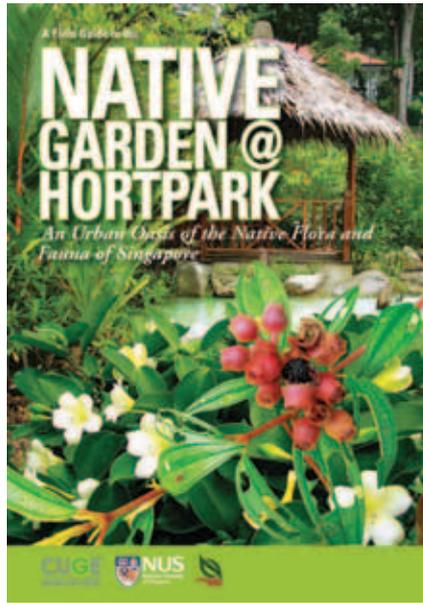
Bedok Reservoir Park

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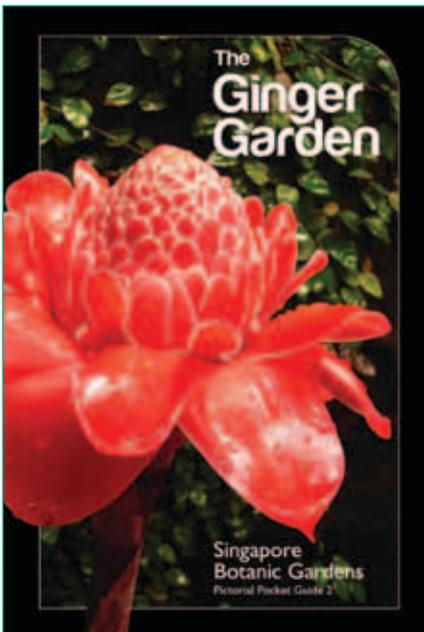
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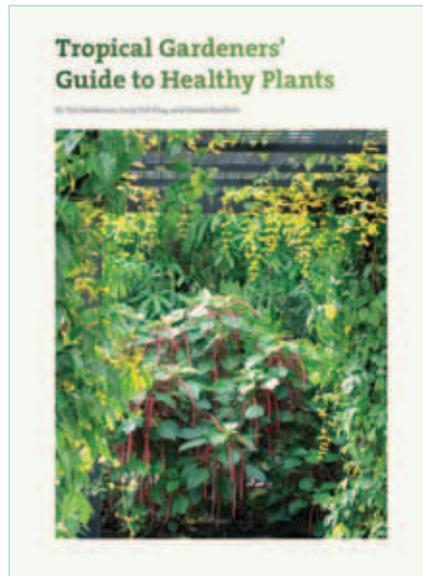
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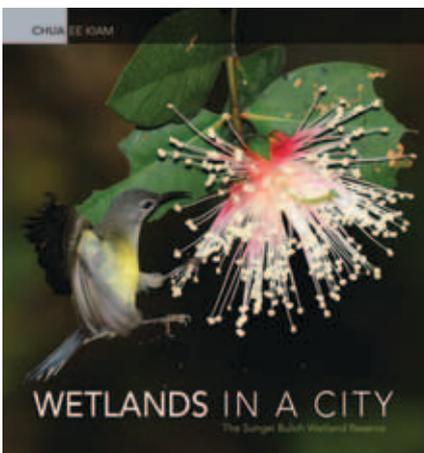
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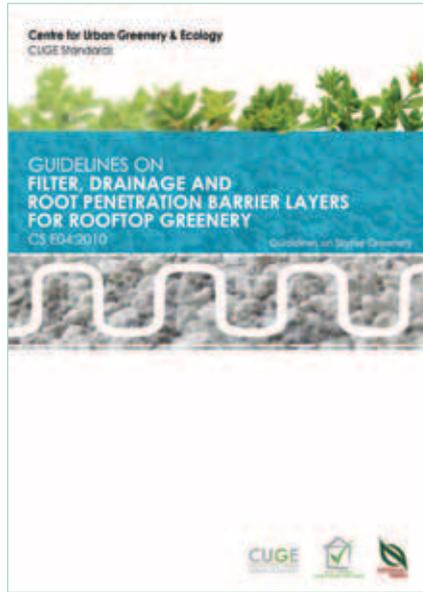
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## Books

- 01 **A Selection of Plants for Greening of Waterways and Waterbodies in the Tropics**  
By Dr Jean W.H. Yong, Dr Tan Puay Yok, Nor Hafiz Hassan, Dr Tan Swee Ngin
- 02 **Native Garden @HortPark**  
By Dr Tan Puay Yok, Dr Richard T. Corlett, Dr Hugh T.W. Tan
- 03 **The Ginger Garden**  
By Dr Jana Leong-Škornicková & Dina Gallick
- 04 **Tropical Gardeners' Guide to Healthy Plants**  
By Dr Pim Sanderson, Dr Fong Yok King, Daniel Burcham
- 05 **Wetlands in a City**  
By Dr Chua Ee Kiam



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## Journal

06 **The Gardens' Bulletin Singapore**

## CUGE Standards

- 07 CS B01:2010, Guidelines for Tropical Turfgrass Installation and Management
- CS E01:2010, Guidelines on Design Loads for Rooftop Greenery
- CS E02:2010, Design for Safety for Rooftop Greenery
- CS E03:2010, Guidelines for Substrate Layer for Rooftop Greenery
- CS E04:2010, Guidelines on Filter, Drainage and Root Penetration Barrier Layers for Rooftop Greenery

## Periodicals

- 08 **Gardenwise**
- 09 **CITYGREEN**

# Facts and Figures

FY 2010

## CUGE Training Programmes

The Centre for Urban Greenery and Ecology (CUGE) was established by NParks as a regional centre of excellence to advance urban and green living environment, and a one-stop training and knowledge hub in urban greenery and ecology.

	Number of Participants
International Briefings / Overseas Executive Programmes	1,481
International Skyrise Greenery Conference	479
Seminars Workshops & Professional Speaker Series	3,113
WSQ Courses	5,107
Certification Programmes	141
<b>Total</b>	<b>10,321</b>

## International Briefings and Overseas Executive Programmes

CUGE Overseas Executive Programme

CUGE Overseas Executive Programme (conducted in Chinese)

Briefings for Overseas Delegates

## Workforce Skills Qualification (WSQ) Courses

WSQ Certificate in Landscape Operations

WSQ Higher Certificate in Landscape Operations

WSQ Advanced Certificate in Landscape Supervision (Reserves, Parks and Gardens)

WSQ Diploma in Landscape Management (Reserves, Parks and Gardens)

WSQ Composite Assessment

## Professional Certification Programmes

Certified Arborist Programme

Certified Arborist Municipal Specialist Programme

Certified Park Manager Programme

Certified Playground Safety Inspector Programme

Certified Practising Horticulturist Programme



Pasir Ris Park

## Workshop Seminars / Professional Speakers

2nd International Landscape Productivity Seminar

4th Regional Arboriculture Seminar

Advanced VTA Workshop & Research Seminar

ASEAN Workshop on City Biodiversity Index

Basic Nature Interpretation

Basic Tree Identification

Briefing on CUGE Standards on Planting Media

Briefing on Productivity Roadmap for the Landscape Sector

Creating Liveable Cities through Community Gardens Seminar

Creative Beanstalk Workshop

CUGE Professional Speakers' Series –  
Emerging Trends in Sustainable Design  
(Prof Christopher Silver and Prof Margaret Carr)

CUGE Professional Speakers' Series –  
Future Nature: Creating & Promoting Naturalistic  
Landscapes in Urban Settings (Dr Nigel Dunnett)

CUGE Professional Speakers' Series –  
Guidelines for Tropical Turfgrass Installation and  
Management (Dr Kenneth Marcum and Neil Power)

CUGE Professional Speakers' Series –  
Phytoremediation by Constructed Wetlands  
(Prof Richard Gersberg)

CUGE Professional Speakers' Series –  
Soil Conditioners: the Fundamentals, the Product  
and Practice (Dr Subhadip Ghosh and Neil Power)

CUGE Professional Speakers' Series –  
The Emerging Discipline of Urban Ecology:  
Challenges and Opportunities (Prof Mark McDonnell)

CUGE Professional Workshop –  
Emerging Trends in Green Roof Practices: Integration  
with Solar Panels (Prof Manfred Koehler, Mr Wolfgang  
Ansel, Mr Ho Wan Weng)

CUGE Professional Workshop –  
Tree Health Diagnostic Analysis (Daniel Oaten)

CUGE Research Seminar

Designing for Green Mark Parks Workshop

Designing for Planning –  
Sungei Buloh Wetland Reserve Masterplan Workshop

Earth Control Measures Seminar

Ecological Habitats: Freshwater

Ecological Habitats: Mangroves

Field VTA Workshop

Fundamentals of Soils –  
Basic Soils Tests, Interpreting Results and Remedial  
Action for Singapore Landscapes

Integrated Coastal Management Implementation  
in Singapore

Introducing Nature Orchids to Parks and Streetscape

Landscape Safety Orientation Course

Lorry Crane Safety Seminar

NParks Legislation and Enforcement Workshop

Plant Diversity and Nomenclature Workshop

Practical Guide to Wood Rot Fungi in Urban Trees  
(Prof Francis Schwarze)

Slope Protection and Maintenance Course

Survey Appreciation Course

Sustainable Irrigation for Urban Landscapes:  
Green Roofs and Vertical Walls

Teachers' Training Course – Nature Interpretation

Technical Training Program on Plant Identification  
for Far East Organization

The Living Gardens: Creating Butterfly-friendly  
Habitats Workshop

Tree Assessment with Drilling Technique Seminar

Tree Risk Assessment in Urban Trees

Truck Mounted Aerial Lift Training and Re-certification

Water Safety Awareness Workshop

Workplace Safety and Health Guidelines Course:  
Landscape and Horticulture Works

Writing Workshop – Professional Arborist Reports

Writing Workshop –  
Professional Landscape Health Assessment Report

For more information on CUGE courses, programmes and workshops,  
visit [www.cuge.com.sg](http://www.cuge.com.sg)