

# Improving the Global State of Toilets and Sanitation Conditions

- By Professor Jack Sim



# 2001 Neglected Agenda: 1 Billion Toilets Needed





**Every Morning  
& Every Evening**





Founded 19 Nov 2001





**USING HUMOR TO  
BREAK TABOO with  
WTO**

**LEVERAGE MEDIA  
AS PARTNER**

Nat Geo TV

**World  
Toilet  
Organization**



***Minister of Environment Lim Swee Say, World Toilet Summit, 2001***





## Seoul, Korea, World Toilet Summit, 2002





# Taipei World Toilet Summit 2003

## Focus on SARS & Diseases





# Beijing World Toilet Summit 2004 Preparation Strategy for Olympics 2008





SHANGHAI 2005





BELFAST, UK: WORLD TOILET SUMMIT 2005



# LORD OF THE RINGS



**SEAT OF POWER:** Raymond Martin of the Northern Ireland Toilet Association, Belfast Lord Mayor Wallace Browne and Jack Sim, founder of the World Toilet Organisation, at the World Toilet Summit in Belfast  
Pictures: **Bernie Brown**

# P's and queues at Ulster's loos







**BANGKOK**

# World Toilet Summit in Moscow State Duma 2006





# World Toilet Summit & Expo 2006

6-9 September 2006, Moscow, Russia  
[www.toiletxpo.ru](http://www.toiletxpo.ru)  
[www.worldtoiletsummit.ru](http://www.worldtoiletsummit.ru)

## RUSSIAN STAR TOILETS

### Star City Tour

See MIR and other International Space Stations

Feel yourself a cosmonaut and...

VISIT OUR  
SPACE  
TOILET!



# TOILET SUMMIT 2007 & EXPO

31st October 2007, Vigyan Bhawan, New Delhi, India

HON'BLE DR. A. P. J. ABDUL KALAM Former President of India

GUESTS OF HONOUR

HON'BLE DR. RAGHUVANSH PRASAD SINGH

Minister of Rural Development

HON'BLE SMT. RA KUMAR

Minister for Social Justice and Empowerment

THE PRINCE OF ORISSA OF THE BHERI

HON'BLE

Minister of State

For Housing and

SP

MINISTRY OF SOCIAL

OF

ABH INTERNATIONAL



**PRESIDENT  
OF INDIA**



# PRINCE OF ORANGE, CHAIR OF UNSGAB





# Macau World Toilet Summit 2008

澳门







October 30 – November 3, 2010  
Philadelphia, Pennsylvania, USA

**2.6 Billion Sanitation  
Business Opportunities**



# World Toilet Summit Hainan 2011

## 第11届世界厕所峰会和展览会 The 11th World Toilet Summit & Expo







**ICC DURBAN, SOUTH AFRICA 3-6 DEC 2012**  
**[WWW.WORLD-TOILET-SUMMIT-2012.CO.ZA](http://WWW.WORLD-TOILET-SUMMIT-2012.CO.ZA)**

# The World Toilet Carnival 2013.







9 Km  
Street Parade





# Schools Outreach





EA & COFFEE BREAK  
WE WILL MEET AGAIN IN 20 MINUTES



**2015**

January 19th & 20th  
Vigyan Bhawan, New Delhi  
[www.wtsindia.in](http://www.wtsindia.in)

**World**  
**TOILET SUMMIT**

# Kuching World Toilet Summit 2016

**15<sup>th</sup> WORLD  
TOILET  
SUMMIT & EXPO**  
27 - 29 OCTOBER 2016  
IMPERIAL HOTEL KUCHING

**HAPPY TOILET  
HEALTHY CITY**







# SÃO PAULO

**FIRST  
WORLD TOILET SUMMIT  
IN LATIN AMERICA**



**LEGACY**



# COMMITMENT WITH PRESIDENT CLINTON



# Gates Foundation invested USD300mil in Toilets





# LOBBYING AT THE UN



# UN GENERAL ASSEMBLY INSCRIBED WORLD TOILET DAY 19 NOV AS UN OFFICIAL DAY



24 JULY  
**SANITATION**  
FOR ALL **RESOLUTION**

Today's decision to mark  
World Toilet Day on  
19 November will help the UN  
raise awareness and mobilize  
action that can save millions of  
lives. 2.5 billion people lack toilets,  
and poor sanitation is a leading  
cause of disease and child deaths.  
Everyone needs a place to go!



– **JAN ELIASSON**  
UN DEPUTY SECRETARY-GENERAL

JOIN THE UN IN CELEBRATING  
**WORLD TOILET DAY**  
19 NOVEMBER  
#TOILETS4ALL



# SWACHH BHARAT MISSION: 110 MIL TOILETS



A SINGAPORE  
& INDIA  
PARTNERSHIP



# Urban: Long Ladies

## Q

Introduced new Singapore Code in  
2005 :

Up-Sized Ladies Restroom

MOU with ICC now to set as  
global standard







We'll Not Marry Our Daughters to Families Without Toilets

# Matt Damon Strike: WATER.ORG





# SALMAN KHAN MAKING TOILET SEXY



# JAY Z & COLDPLAY AT WORLD TOILET DAY 2016





**80,000 FREE TICKETS**









# Rainbow Rural School Toilet





# Mobilizing Religious Leaders





# World Toilet College India & Singapore



**World Toilet College**





# ICC G3-2011

## GLOBAL GUIDELINE FOR PRACTICAL PUBLIC TOILET DESIGN



  
worldtoilet.org



### ICC G3 – Global Guideline for Practical Public Toilet Design

ICC G3 – Global Guideline for Practical Public Toilet Design

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### ICC G3 – Global Guideline for Practical Public Toilet Design

## Foreword

The concept of simple, standardized toilet design seems like a relatively straightforward and practical concept but to billions of people around the world with no access to basic sanitation, the difference between their governing body being able to afford to install public toilets or not could mean the difference between life and death. The International Code Council and World Toilet Organization brought together the world's sanitation leaders, which resulted in the first edition of the *Global Guideline to Practical Toilet Design (G-3)*. The document will result in a dramatic increase in restrooms in many nations, which will, no doubt, reduce the number of illnesses and unnecessary deaths caused by improper sanitary conditions.

Over the last three years, sanitation experts from around the world gathered in Macau, Singapore and Philadelphia to conceptualize scope and create the content in the G3 document to give guidance on basic care and maintenance to ensure clean, convenient, hygienic, and safe public toilet facilities of appropriate design and quality, making them more economical so as to provide greater accessibility to a larger population.

Although this guideline alone cannot solve the critical issue at hand, it is a step in the right direction and we would like to thank the many experts from around the world including the technical committee members, staff and skilled professionals that have dedicated their time and expertise to this project and to those that devote themselves to this critical life-safety issue every day.

Sanitation is a human right essential to the full enjoyment of life and all other human rights and was declared so in 2010 by the United Nations General Assembly. It is believed that the provisions contained within the G3 will enhance global efforts to provide the proper tools for sanitary toilet installations as urbanization continues at an unprecedented pace.

We, along with our collective memberships and stakeholders are determined to increase access to toilet facilities everywhere and urge those responsible for such, to adopt the practices and provisions contained herein.

Sincerely,

Jack Sim  
CEO, Founder  
PMG  
World Toilet Organization  
Council  
Singapore

Jay Peters  
Executive Director,  
International Code  
Council  
USA

# Global Guideline for Public Toilet Design





# Challenges in Brazil

- Lack of sewage treatment and waste water management
- 5,560 Olympic pools of poo discharged into water bodies and surface land everyday
- 100 million without access to proper sanitation
- 280,000 hospitalized for diarrhea annually
- 94% managed by public utilities, 6% by private companies
- Public funded is stretched. PPP & Efficiency needed

# Legacy for World Toilet Summit 2019

- Laws & Standards for Close Loop Sanitation to prevent diseases & pollution of water bodies
- Affordable Off-Grid Sanitation Treatment Technologies
- Awareness & Public Education for Adoption of Toilets
- Financing Sanitation
- Build Communities Action through Sanitation Ambassadors, eg celebrities, church, local politicians, schools, etc
- Universal Coverage of Sanitation in Brazil



A SANITIZED PRODUCTION

400 —

# ROYAL FLUSH

COMING TO A TOILET  
NEAR YOU

**19 NOVEMBER**  
WORLD TOILET DAY



STARRING: "THE TOILETMAN" JACK SIM CO-STARRING 7 BILLIONS FREQUENT USERS

[jacksim@worldtoilet.org](mailto:jacksim@worldtoilet.org)