





"New" Thinking on Water Governance: Clearing the Clouds

Introductory Remarks

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How has the world developed?

What has the world achieved in the past 25 years with regard to human development?

http://hdr.undp.org/en/statistics/data/motionchart/

http://hdr.undp.org/en/statistics/data/trends/

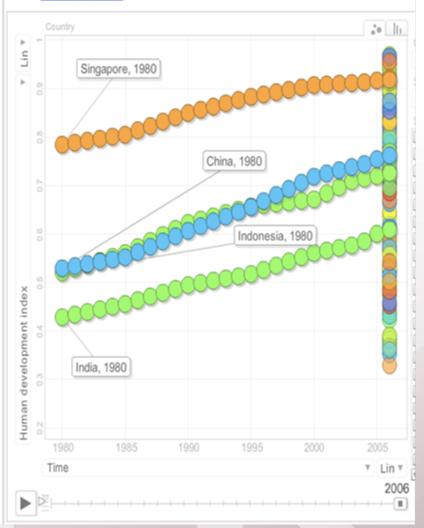








Back to Statistical data tools

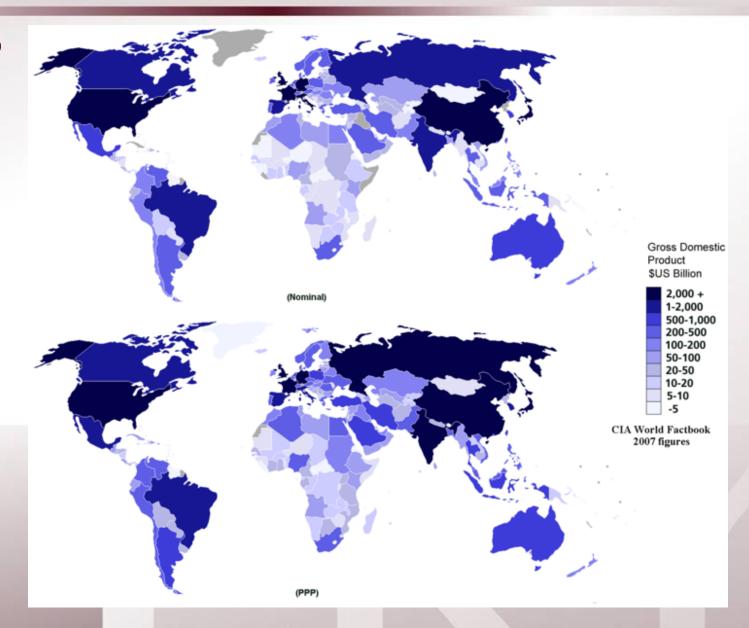




INSTITUTE of WATER POLICY



GDP





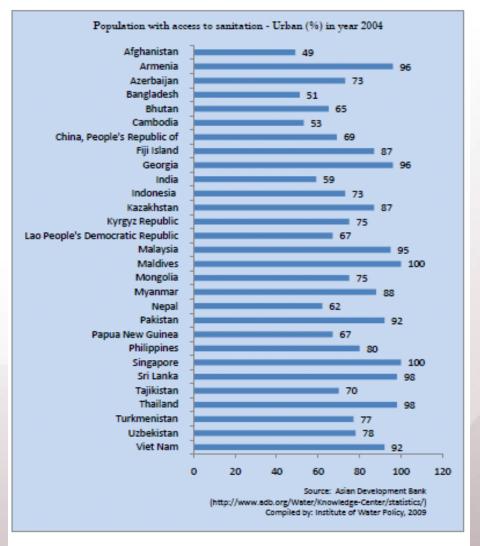




Water and Sanitation



INSTITUTE of WATER POLICY









Inspirational story

- When does the day start?
- in the morning at day break, or at 12 midnight?
- Or another time in the day?









Clouds (myths)







What, Why and *How*

•We need to ask the right questions to find solutions

Solutions Questions

Issues

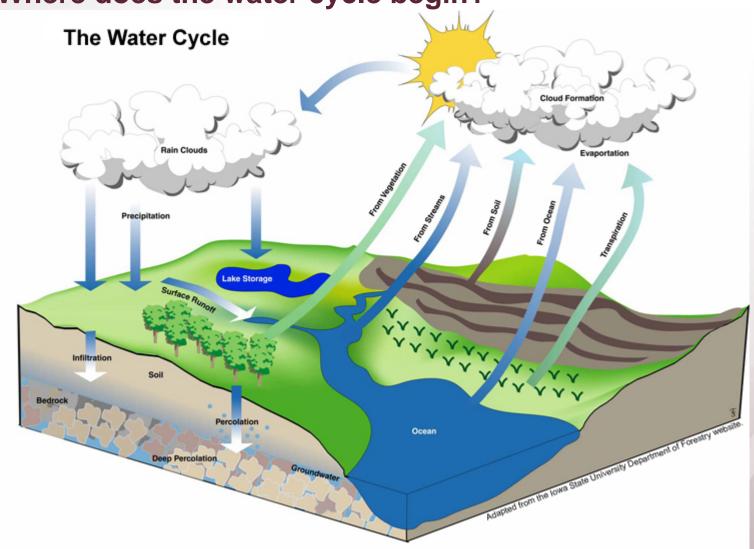








1. Where does the water cycle begin?



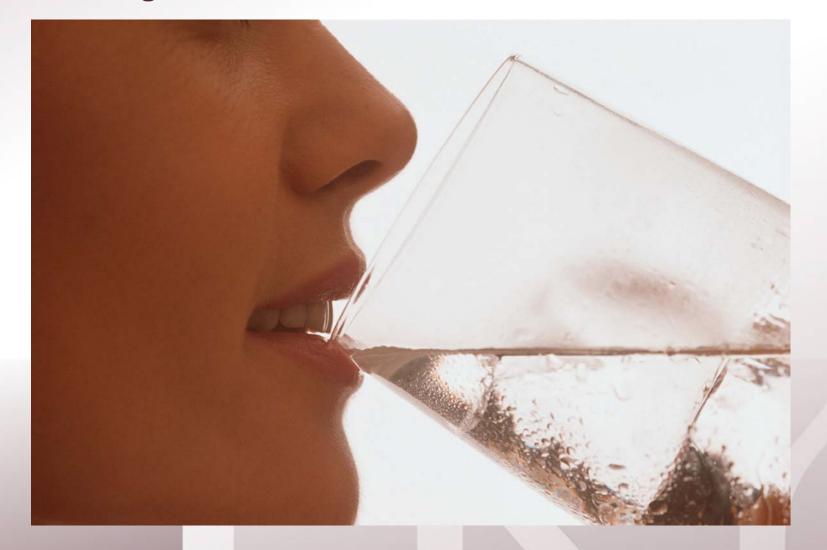








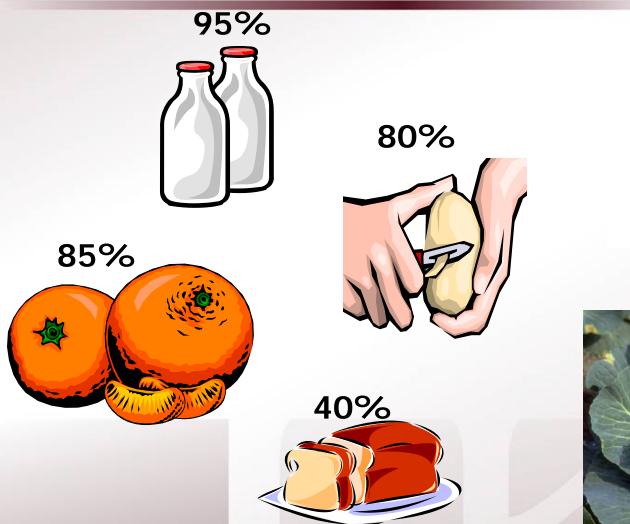
2. What gives health?





Water, Precious Water









95%

Purity of Water is essential for good health.





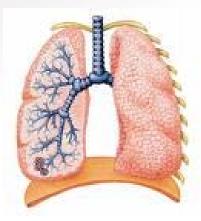




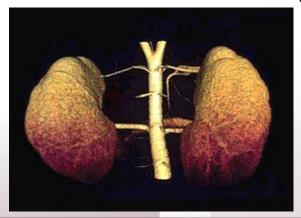
70%

Water, Precious Water

90%



95%

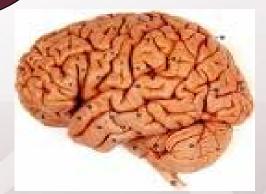


RIGHT LOBE
FALCIFORM LIGAMENT

ANTERIOR VIEW OF LIVER

Blood 82%

95%



Even a 2% drop in the body can trigger Dehydration





Role of water in health

- Necessary for digestion, absorption & elimination
- Natural air-conditioning system
- Key Role in Metabolism
- Water and Weight Loss
- Amount of Water Lost everyday
- Dehydration & Water Retention
- The Thirst Reflex
- Maintenance of Body Temperature
- Kidneys & Joints
- The Spinal column & The Brain
- During Pregnancy
- Water as a 'medium' for all reactions in the body









Clearing the sky (new thinking)

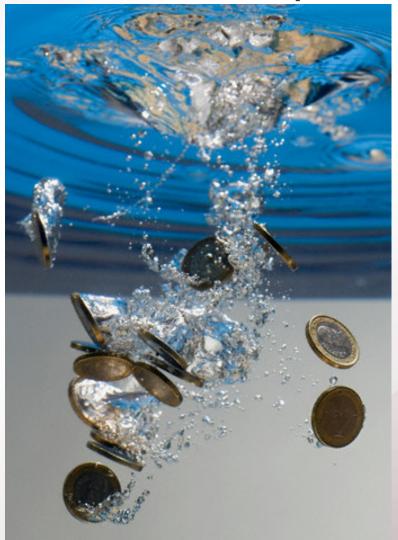








3. What is the value of water – not price?







Water is Food, Need, and Good

- Drinking water is *Food* (1–2 liters per capita per day)
- Water for essential use is a *Need* (10–20 lpcd; own source, rain water harvesting)
- Water for other uses
 is a Good (24-hour supply;
 full cost recovery, water conservation)

"It is impossible to continue with the traditional idea of providing required drinking water to every one free of cost or at highly subsidized rates."

Deliver drinking water immediately to all



Senses and Nature





Earth solid

















Water liquid









Smell (nose)



Fire flame







Form

(eyes)

Taste (tongue)



Space energy





Touch (skin)



Our five senses are our gateways to enjoy creation.







4. What is the link between water and Nature?











Nurture Nature

Space

Satellite, internet, mobile phone, and other communication technology are essential in daily life.

Air

Modern industry, medicine, and households use a variety of gases. Air travel is the hallmark of 21st century.

Fire

Solar energy, coal and petroleum products sustain the modern economy.

Water

75% of creation comprises water. Water is home to many beings. Water recycles itself eternally.

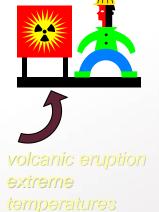
Earth

Earth provides all organic and inorganic nutrients (minerals) and materials.

Nature can Give; Nature can Destroy!

radiation hazards harmful gases, infective virus







floods typhoons







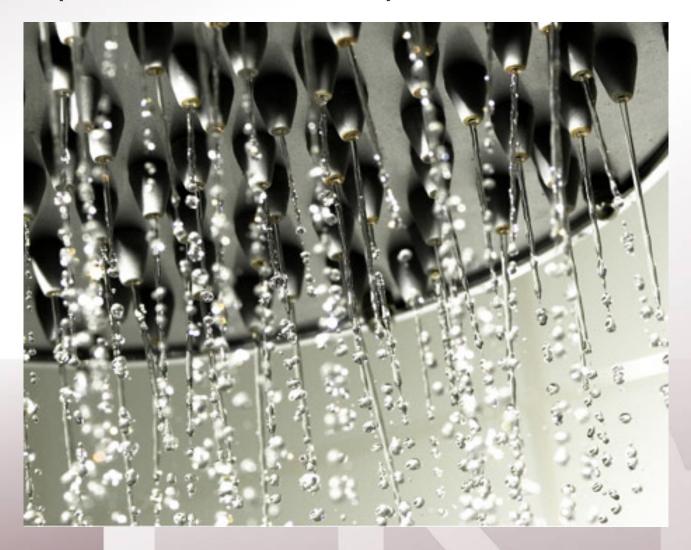
landslide, earthguakes







Shower (action on the solutions)









5. What is the magic bullet to solve the "water woes"?



Solving water woes

The Sarawak government will know which of the 5,000 longhouse and rural village settlements state-wide have yet to get water supply when a study is completed in seven months' time. >M2

FEATURE STARMETRO, FRIDAY 25 MAY 2007

MALACCA

Majis Perbandaan Melala 06 232 6411 Alor Gaiah Dstrict Council Malacca Museum 06 282 6526 State Library 06 282 4859

Fact-finding mission

Sarawak checking on which villages have yet to get water supply

By JACK WONG

tems to be implemented for Awang Tengah, also state state through the adoption of the Second Minister for Planning and most suitable technologies stan-

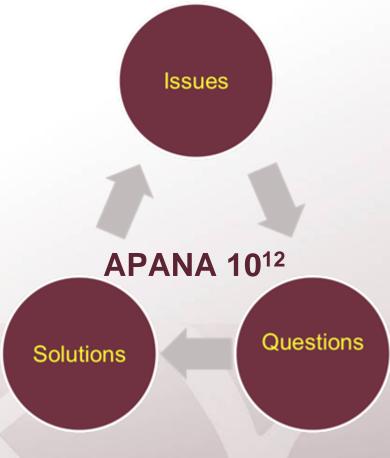






Thinking "out-of-the-box" on Water & Sanitation Learn from the telecom and energy sectors

- APANA is a new framework to serve a potential \$1 Trillion market, for a market size of \$100 million persons per year, until 2015.
- Technology driven, and Scalable Solutions
- Replace the 200-year old technology for toilets
- Give new solutions to approx 1 billion current customers
- Innovation for sanitation like "handphone" for "telecommunication
- Car, fashion designers
- Vacuum cleaner solution for sanitation
- Building design innovation (self-contained apartments, communities)

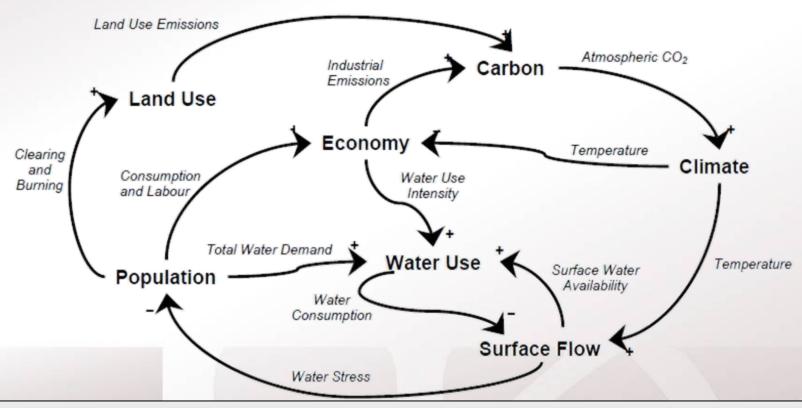








Water, Energy, and Food policies cannot be delinked



Water, Energy, and Food policies cannot be made without a deeper understanding of the **central role of water** with respect to everyday needs. Approaching any of the policies in isolation will result in failed policies in a globalized world.







Conclusions (vision for the future)











6. What are the pillars of water governance?

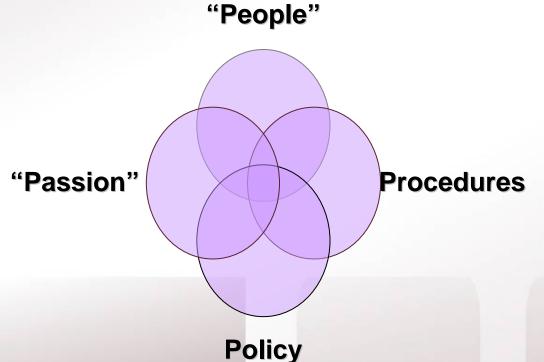








New Paradigm for Water Governance "Proper Knowledge + Positive Action = Good Leadership"



- Executive education for nurturing leaders for the future
- Proactive role of media in shaping public policy on water
- Simple indicators for a "pulse check" on water governance

"Nations that prioritized water policies have successfully improved quality of life in terms of HDI."





Ending note:

 Water governance is about governing our own behavior in Nature











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