



10-13
September
2025

Jakarta International Expo
Kemayoran - Jakarta



Water Security for Indonesia : from Scarcity to Solutions

Agus Umar Yasin
Chairman of IdWA

Organised by:



Sustainable Events:



In Collaboration with:

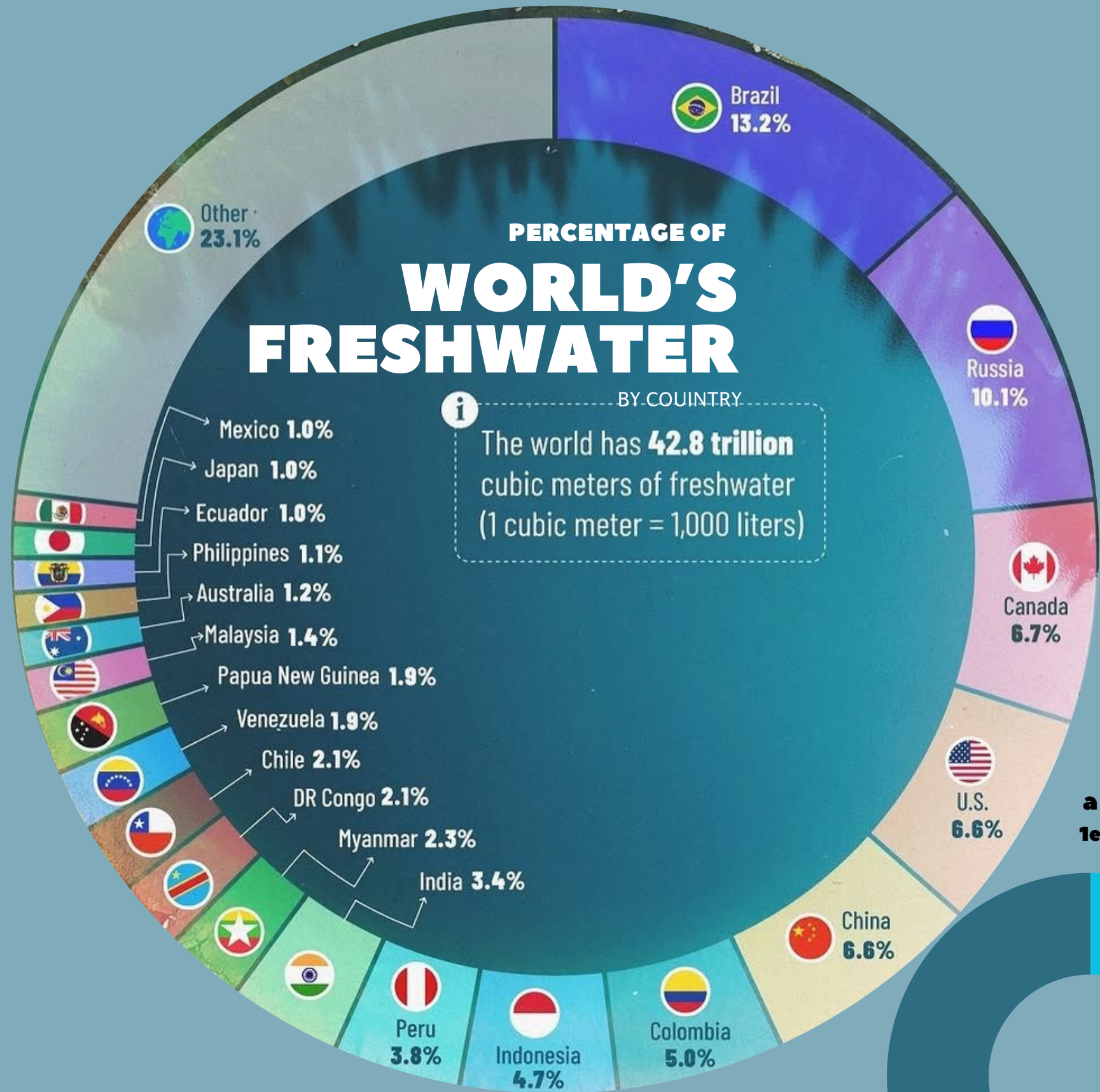


Co-located with:



ASEAN'S LEADING WATER INDUSTRY EVENTS





based on renewable internal freshwater resources
World Bank

TOTAL WATER POTENTIAL IN INDONESIA (mil m3/sec)

Surface water 78%

Ground water 22%

SURFACE WATER POTENTIAL

Wilayah	Luas (km2)	Volume Ketersediaan Air Rata-rata (Juta m3/tahun)	Volume Ketersediaan Air Rata-rata (Juta m3/tahun)	Volume Ketersediaan Air Andalan 80% (Juta m3/tahun)	Kebutuhan Total (Juta m3/tahun)	Klasifikasi Neraca Air
Sumatera	475.510,15	720.733,00	720.733,00	454.226,19	100.771,71	Surplus
Kalimantan	535.050,68	926.700,57	926.700,57	615.845,67	63.325,86	Surplus
Jawa	134.766,99	162.416,49	162.416,49	89.836,80	95.383,79	Defisit
Bali & NT	73.547,67	32.564,01	32.564,01	16.324,10	13.749,70	Surplus
Sulawesi	186.833,05	207.377,34	207.377,34	122.510,62	34.395,05	Surplus
Maluku	78.180,97	70.032,10	70.032,10	35.346,51	4.148,88	Surplus
Papua	414.289,9	847.940,69	847.940,69	511.617,16	43.158,28	Surplus
Indonesia	1.898.179,41	2.967.764,20	2.967.764,20	1.845.707,05	354.933,26	Surplus

GROUND WATER POTENTIAL (ESDM)

No.	Pulau	Luas CAT (km2)	Jumlah Air Tanah Bebas	Jumlah Air Tanah Tertekan	Jumlah Air Tanah Bebas	Jumlah Air Tanah Tertekan	Pemanfaatan (m3/detik)
1	Sumatera	270.756,00	121.701,00	6.548,00	3.859,11	20,764	82
2	Kalimantan	181.362,00	67.963,00	1.102,00	2.155,09	3,494	20
3	Jawa	81.147,00	38.851,00	2.046,00	1.231,96	6,488	329
4	Bali & NT	45.785,00	11.714,00	32,800	37,145	1,040	273
5	Sulawesi	37.778,00	19.694,00	55,000	62,449	1,745	160
6	Maluku	25.830,00	11.943,00	1.231,00	37,871	3,903	7
7	Papua	262.870,00	222.524,00	9.098,00	7.056,19	28,850	27
Indonesia		905.528,0	494.390,0	20.903,00	15.677,00	66,284	897

Permen ESDM No 2017
Pemanfaatan dari Sumur Bor (air baku & JIAT) yang dibangun oleh B/BWS



A commitment to returning more water than we use, ensuring the water we return is of equal or better quality.

Quantity

Reduce demand intensity and increase local availability through conservation, recycling, and aquifer recharge;

Quality

Upgrade treatment and pollution control so effluents meet or exceed standards;

Access

Channel water improvements to communities who need them most, so every project has a social footprint, not only a technical one.

We not only take water from nature, but also give back more and better.

Join our special collaboration with IDWA



13 Sep 2025 | 09.30 - 12.00 Water Stage (HALL D2)



SPEAKER
Raymond Valiant
Regional Coordinator GWP - SEA
(Global Water Partnership - South East Asia)



SPEAKER
I Made Indradjaja
M. Brunner
Associate Director, PT Pakar Ipai Indonesia



MODERATOR
Nova Widyanto
Indonesian Water Association (IdWA)



www.waterindonesiaexpo.com

PROFESIONAL TRAINING

WTP & WWTP DESIGN FOR OIL, GAS & MINING INDUSTRIES BASED ON APPLIED REGULATION & TECHNOLOGY

11 - 13 September 2025 (09.00 - 17.00)
Water Indonesia Expo, JIExpo Kemayoran, Jakarta

Topik Utama:

- Produced Water Treatment
- Water Injection Plant
- Oil Refinery WWTP
- Mining WWTP

Fasilitas:

- Sertifikat pelatihan teregistrasi IdWA
- Lunch & Coffe break
- Modul pelatihan
- Design Calculation & Troubleshoot
- Trainer praktisi profesional yang sangat berpengalaman di bidang WTP & WWTP

Biaya Pelatihan:

- Member IdWA : 2,4jt
- Non-member: 3,0jt
- Alumni IdWA Water Engineer: 2,4jt

Early Bird IDR 200k off (until 01 Sept 2025)

NaraSumber

Sakti Siregar
Dewan Pakar IdWA

Agus Umar Yasin
Ketua Umum IdWA

Nova Widyanto
Sekjen IdWA

Daftar via QR Code

Narahubung:
Tjatur (0859-7488-1014)
Izhar (0812-9219-2321)
Nadia (0811-900-872)

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WATERINDONESIA

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Water Security for Indonesia
From Scarcity to Solutions

THANK YOU