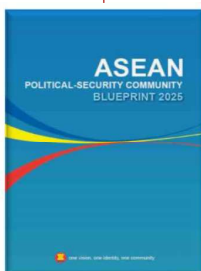


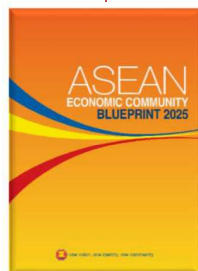
ASEAN Priority Plan and Activities in Water Resources Management



- Charts the path for ASEAN Community building over a ten-year period
- A roadmap for ASEAN to realise further consolidation, integration and stronger cohesiveness as a Community



APSC



AEC



ASCC

ASCC Vision:

An ASEAN Socio-Cultural Community that engages and benefits the people and is inclusive, sustainable, resilient, dynamic



Key Result Areas

A

Engages and
benefits people

- Engaged Stakeholders in ASEAN processes
- Empowered People and Strengthened Institutions

B

Inclusive

- Reducing Barriers
- Equitable Access for All
- Promotion and Protection of Human Rights

C

Sustainable

- **Conservation and Sustainable Management of Biodiversity and Natural Resources**
- **Environmentally Sustainable Cities**
- **Sustainable Climate**
- **Sustainable Consumption and Production**



Key Result Areas

D

Resilient

- A disaster resilient ASEAN that is able to anticipate, respond, cope, adapt, and build back better, faster and smarter
- A safer ASEAN that is able to respond to all health-related hazards including biological, chemical, and radio-nuclear, and emerging threats
- A climate adaptive ASEAN with enhanced institutional and human capacities to adapt to the impacts of climate change
- Strengthened social protection to reduce vulnerabilities in times of climate change-related crises, disasters and other environmental changes
- Enhanced and optimised financing systems, **food, water, energy availability**, and other social safety nets in times of crises by making resources more available, accessible, affordable and sustainable
- Endeavour towards a "Drug-Free" ASEAN

E

Dynamic

- Towards an open and adaptive ASEAN
- Towards a creative, innovative and responsive ASEAN
- Engender a culture of entrepreneurship in ASEAN



Conservation and Sustainable Management of Biodiversity and Natural Resources

Strategic Measures – Out of 10, the following specifically made reference to water and wetland

- Adopt good management practices and strengthen policies to address the impact of development projects on coastal and international **waters** and transboundary environmental issues, including pollution, illegal movement and disposal of hazardous substances and waste, and in doing so, utilize existing regional and international institutions and agreements.
- Enhance policy and capacity development and best practice to conserve, develop and sustainably manage marine, **wetlands**, peatlands, biodiversity, and land and **water** resources.

Environmentally Sustainable Cities

Strategic Measures – Out of 6, the following specifically made reference to water and sanitation

- Promote coordination among relevant sectors to provide access to clean land, green public space, clean air, clean and safe **water**, and **sanitation**.

Enhanced and optimised financing systems, **food, water, energy availability, and other social safety nets in times of crises by making resources more available, accessible, affordable and sustainable**

Strategic Measures – Out of 5, the following specifically made reference to water and sanitation

- Enhance cross-sectoral and cross-pillar coordination to ensure availability of clean **water**, **sanitation** facilities and electricity to households in times of crises.



ASEAN Strategic Plan on Environment (ASPEN)



ASEAN Strategic Plan on Environment (ASPEN) (awaiting final endorsement)

Strategic Priority 1: Nature Conservation and Biodiversity

Strategic Priority 2: Coastal and Marine Environment

Strategic Priority 3: Water Resources Management

Strategic Priority 4: Sustainable Cities

Strategic Priority 5: Climate Change

Strategic Priority 6: Chemicals and Waste

Strategic Priority 7: Environmental Education & SCP

Strategic Priorities and Programmes at A Glance

Nature Conservation and Biodiversity	Coastal and Marine Environment	Water Resources Management	Sustainable Cities	Climate Change	Chemical and Waste	Environmental Education
<ul style="list-style-type: none"> •Key Terrestrial Biodiversity Area Conservation including Protected Areas •Urban Biodiversity •Agricultural Biodiversity •Access and Benefit Sharing •Communication, Education and Public Awareness •ASEAN Centre for Biodiversity 	<ul style="list-style-type: none"> •Key Coastal & Marine Area Conservation •Endangered Coastal & Marine Species Conservation •Tanker Desludging & Oil Spill Reduction •Coastal & Marine Pollution Mitigation •Coastal and Marine IAS •CC Issues and Impacts on Coastal Areas •ICM & Marine Spatial Planning 	<ul style="list-style-type: none"> •IWRM Country Strategy Guideline and Indicator Framework Implementation •Public Awareness and Cross-sectoral Coordination •Water Conservation •Improving Water Quality and Sanitation •Water-related Disasters 	<ul style="list-style-type: none"> •Sustainable Urban Planning, Development and Implementation •Climate Resilient and Low Carbon Cities 	<ul style="list-style-type: none"> •Adaptation and Resilience •Mitigation •Technology Transfer •Climate Finance •Cross-sectoral Coordination and Global Partnership 	<ul style="list-style-type: none"> •Hazardous Waste Management •Transboundary Movement of Hazardous Chemicals and Waste •Sound Chemical Management •Environmentally Sound Technologies toward Green Industries •ASEAN Presence in Global Community •Chemicals and Hazardous Waste Accident Prevention 	<ul style="list-style-type: none"> •ASEAN Eco-schools Programme •ASEAN Green Higher Education Programme •Regional Communication, Education and Public Awareness •Sustainable Consumption and Production

Strategic Programmes at A Glance

Water Resources Management

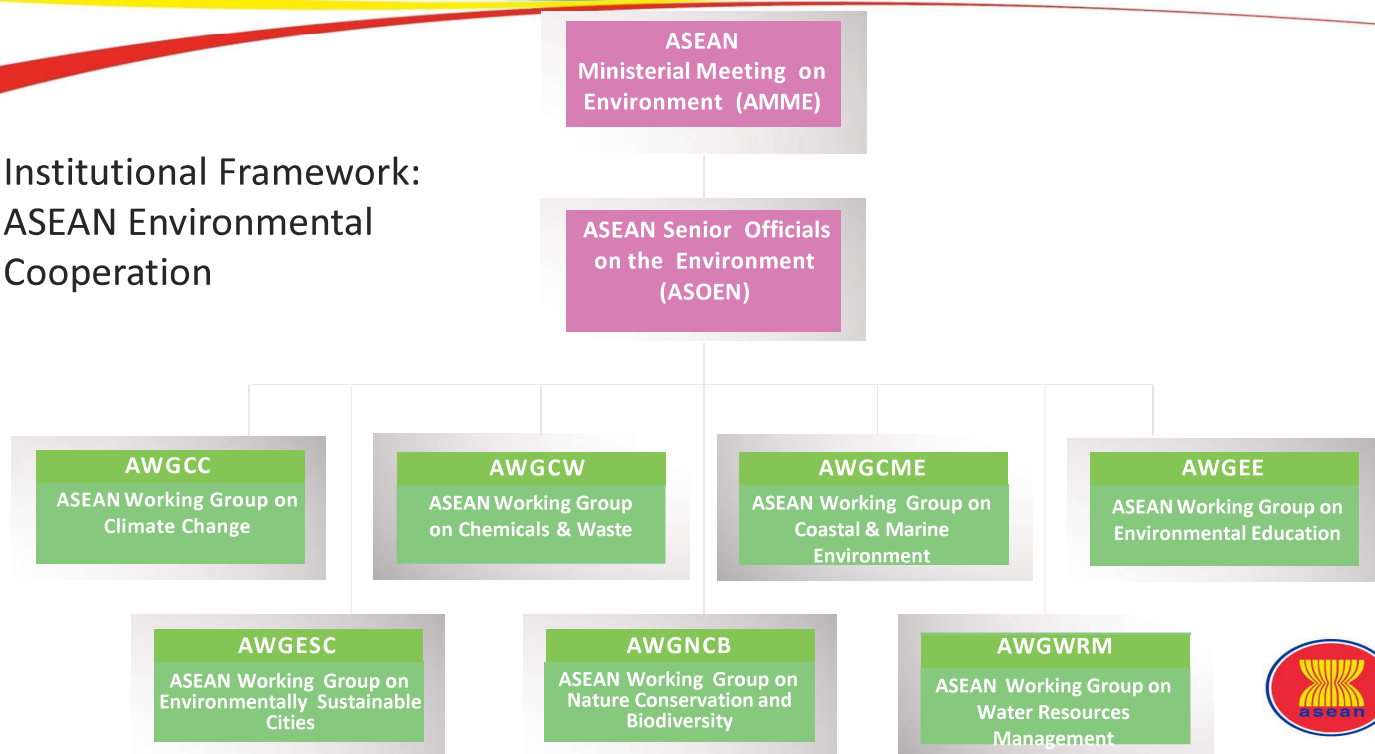
- IWRM Country Strategy Guideline and Indicator Framework Implementation
- Public Awareness and Cross-sectoral Coordination Strengthening
- Water Conservation
- Water Quality and Sanitation Improvement
- Addressing Water-related Disasters



Institutional Framework of ASEAN Cooperation on Environment



Institutional Framework: ASEAN Environmental Cooperation



SUBSIDIARY BODY OF ASOEN

CHAIRMANSHIP

ASEAN Working Group on Climate Change (AWGCC)	Singapore
ASEAN Working Group on Coastal and Marine Environment (AWGCME)	Philippines
ASEAN Working Group on Chemicals and Waste (AWGCW)	Thailand
ASEAN Working Group on Environmental Education (AWGEE)	Brunei Darussalam
ASEAN Working Group on Environmentally Sustainable Cities (AWGESC)	Cambodia
ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)	Indonesia
ASEAN Working Group on Water Resources Management (AWGWRM)	Malaysia

For more information on ASEAN cooperation on environment,
please visit the following websites:

ASEAN Cooperation on Environment:

<http://environment.asean.org>

ASEAN Haze Action Online:

<http://haze.asean.org>

ASEAN Centre for Biodiversity:

<http://aseanbiodiversity.org>

ASEAN Environmental Education Inventory

Database: <http://aeeid.asean.org>

China-ASEAN Environmental Cooperation

Centre: <http://chinaaseanenv.org/english/>



Thank you

Environment Division ASEAN Secretariat



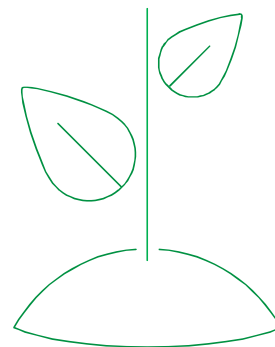
Sisingamangaraja 70 A Jakarta 12110
6221-7262991



<http://environment.asean.org>



EnvironmentDivision@asean.org



Some key ASEAN publications which included coverage on water resources issues



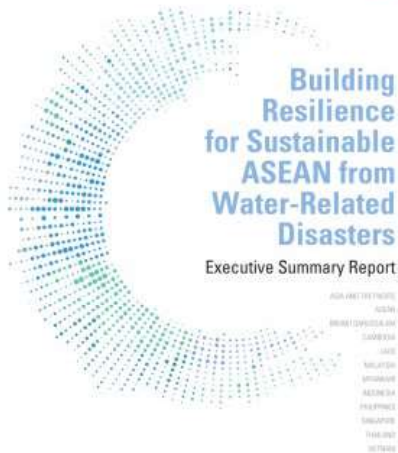
Freshwater Resources



ASEAN Strategic Plan of Action on Water Resources Management

- Workshop on the Existing Guidelines, Action Plans and Strategies related to IWRM (Malaysia)
- Urban Water Demand Management Learning Forum (Singapore)
- Water Resources Demand Management Learning Forums for Irrigation (Thailand)
- Risks and Impacts from Flood Extreme Events in ASEAN Countries (Indonesia)
- Risks and Impacts from Drought Extreme Events in ASEAN Countries (Thailand)



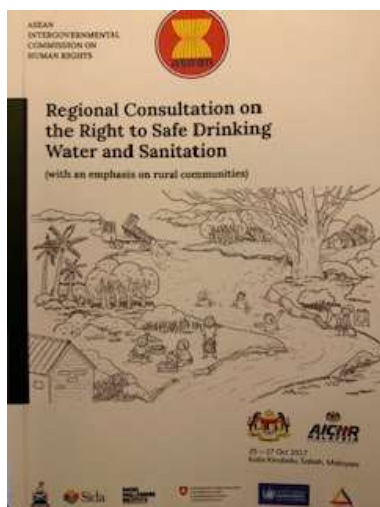


ROK-ASEAN Cooperation Projecton
“ Building Resilience for Sustainable ASEAN from
Water-related Disasters”

- Lead Author Keizrul bin Abdullah
 - Director CHIN, Jang Chul / HONG, Ilpyo
 - Coordinator Jihyeon PARK (Irene)
 - Administration KWON, Yongbum / OH, Yeonok
- Published in April 2017

Some ASEAN websites on water

- <http://environment.asean.org/awgwrn/>
- <https://aseaniwrm.water.gov.my/>
- <http://rhn.water.gov.my/awgwrn/index.cfm?tickmenu=home>



This publication, released in Oct. 2018, is the outcome of an ASEAN regional consultation on the right to safe drinking water and sanitation with emphasis on rural communities. It was commissioned by the Malaysian representative to the ASEAN Inter-Governmental Commission on Human Rights.



Thank you very much for your kind attention

Apichai Sunchindah
Independent Development Specialist

Email: apichai_sun@yahoo.com

