

Quick Review of Past activities

Asian Water Cycle Initiative (AWCI)

as the Task Group 1 of AOGEO



AO GEO is a Regional Group on Earth Observations (Regional GEO) which envisions a future where decisions and actions for the benefit of humankind are informed by coordinated, comprehensive and sustained Earth observations.



AWCI aims to promote comprehensive efforts to solve water-related problems in Asia.

GEOSS Asian Water Cycle Initiative (AWCI)

The 11th GEOSS Asia-Pacific Symposium

in Kyoto, JAPAN, October 24-26, 2018



- **Progress reports of the Platforms in Myanmar, the Philippines and Sri Lanka.**
- **Contribution to the SDGs, Paris Agreement, and Sendai Framework.**
- **Joint discussion between TG1:AWCI and TG5:AsiaRiCE.**

Inputs into the Kyoto Statement

• Sustainable Development Goals for 2030

It is critical to end poverty and hunger, achieve gender equity, and make societies and economies resilient to water-related disasters in both urban and rural areas. **AWCI launches full-scale efforts to activate Platforms on Water Resilience and Disasters by promoting dialogues, reinforcing partnerships, sharing data, information, models, tools, experiences and ideas, and expanding sustainable practices.** AWCI promotes initiatives that will address targets in Goal 6 on Water use efficiency and Integrated Water Resources Management as well as SDGs related to Poverty (1), Food Security (2) and Life on Land (11).

• Paris Climate Agreement

AWCI accelerates regional coordination to build capacity for identifying, monitoring and predicting the changing probability of water-related disasters and their associated risks, develop and share user-friendly analysis tools, and engage all stakeholders in climate change adaptation planning and implementation at the national scale and fill the gap between adaptation and mitigation by choosing adaptation options that are beneficial to mitigation.

• Sendai Framework for Disaster Risk Development

AWCI facilitates the implementation of Platforms on Water Resilience and Disasters to promote the four priorities for action in the Sendai Framework. **AWCI provides usable and actionable information on thematic activities including preparedness and mitigation at each step of water-related disaster management.** AWCI also archives disaster damage data and maintains statistics for encouraging investments for water-related disaster risk reduction.

| GEO Priorities | | Cross-Cutting Areas | TG1 | Class. |
|-----------------|---|-----------------------------|-----------|--------|
| SDGs | 1.NO POVERTY | | 3 | A,I |
| | 2.ZERO HUNGER | | 3 | A,I |
| | 3.GOOD HEALTH AND WELL-BEING | | 1 | A,I |
| | 4.QUALITY EDUCATION | | 1 | A,I |
| | 5.GENDER EQUALITY | | 2 | A,I |
| | 6.CLEAN WATER AND SANITATION | | 3 | C,D |
| | 7.AFFORDABLE AND CLEAN ENERGY | | 2 | C,I |
| | 8.DECENT WORK AND ECONOMIC GROWTH | | 1 | A,I |
| | 9.INDUSTRY, INNOVATION AND INFRASTRUCTURE | | 2 | C,I |
| | 10.REDUCED INEQUALITIES | | 1 | A,I |
| | 11.SUSTAINABLE CITIES AND COMMUNITIES | | 3 | C,I |
| | 12.RESPONSIBLE CONSUMPTION AND PRODUCTION | | 1 | A,I |
| | 13.CLIMATE ACTION | | 3 | C,I |
| | 14.LIFE BELOW WATER | | 2 | A,I |
| | 15.LIFE ON LAND | | 3 | C,I |
| | 16.PEACE, JUSTICE AND STRONG INSTITUTIONS | | 1 | A,I |
| | 17.PARTNERSHIP FOR THE GOALS | | 3 | C,I |
| GEO Priorities | | Cross-Cutting Areas | TG1 | Class. |
| Paris Agreement | Adaptation | | 3 | C |
| | Loss & Damage | | 3 | C |
| | Capacity Development/Technology Tra+B9 | | 3 | C |
| | National Reporting/Global Stocktake | | 0 | |
| | Mitigation | | 2 | A |
| | Understanding disaster risk | | 3 | C |
| | Strengthening disaster risk governance to manage disaster risk | | 3 | C |
| | Investing in disaster risk reduction for resilience | | 3 | C |
| | Enhancing disaster preparedness for effective response, and to "Build Back Better" in recovery, rehabilitation and reconstruction | | 3 | C |
| | | Data Sharing Infrastructure | | 3 |
| | User Engagement and | | 3 | C |
| | Total: | | 64 | |

Scoring:
 0=Do nothing
 1=less active
 2=active
 3=very active

Timing:
 • Current (C)
 • Aspirational (A)

AOGEO Asian Water Cycle Initiative (AWCI)

The 12th AOGEO Symposium

in Canberra, Australia, November 3, 2019



Towards

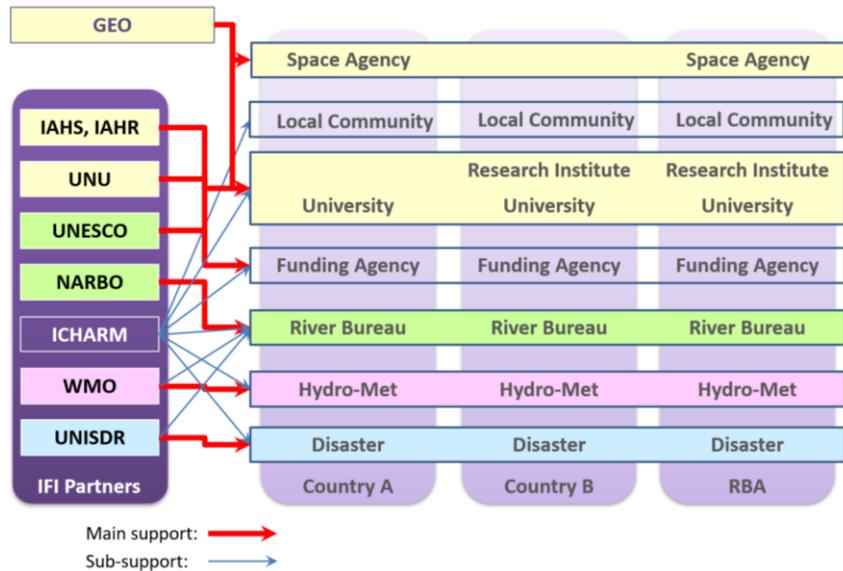
- Concerted actions for the three global key agendas.**
- Successful implementation of “International Decade (2018-2028) for Action -Water for Sustainable Development”**

Inputs into the Canberra Statement

Practical Contributions to the Global Agendas



Regional Cooperation during the UN Water & SD Decade



- **AWCI** launched full-scale efforts to activate **Platforms on Water Resilience and Disasters** by promoting dialogues, reinforcing partnership, sharing data, information, models, tools, experiences and ideas, and expanding sustainable practices.
- **AWCI** has developed user-friendly analysis tools and engaged all stakeholders in **climate change adaptation planning and implementation** at the national scale, and filled the gap between adaptation and mitigation by choosing options which are beneficial to mitigation.
- **AWCI** archived disaster damage data and maintains statistics for encouraging investment for water-related disaster risk reduction. For risk managers of water-related disasters, it is important to understand the impact of drought and flood on **agriculture** using EO data in the activities of **AsiaRiCE** and **Drought Monitoring**.
- **AWCI** promotes **concerted actions** among stakeholders on resilience, sustainability, inclusive growth, and adaptation to climate change through coordination towards achievement of the three global agendas.

March 3-5 2021

13th AOGEO SYMPOSIUM

ONLINE

Home

Day 1

Day 2

Day 3

Task Groups

What's New

2021.2.19 Agendas of each Session are available

2021.2.9 The website/registration is open.
The overview and the week at a glance of the symposium are available

Welcome to the 13th AOGEO Symposium website!

When: Wednesday 3, - Friday 5 March, 2021

Where: Online

<https://aogeo.net/2021/>

About the Symposium

The 13th Asia-Oceania Group on Earth Observations (AOGEO) Symposium provides a regional forum to bring together the GEO community in Asia-Oceania (AO) to exchange scientific and technical views on Earth observations (EO) and their applications for regional and global priorities, as well as report on tasks in AOGEO. It is organized by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT), with support from the GEO Secretariat.

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Theme of the Symposium

"Enhancing the well-being of people in the Asia-Oceania region through Earth observations in the face of COVID-19 impacts — design and implement future steps for Earth observations to realize global agendas, i.e. international policy linked to the GEO engagement priorities".

The discussion results in the AWCI Session will be conveyed to the 13th AOGEO Symposium