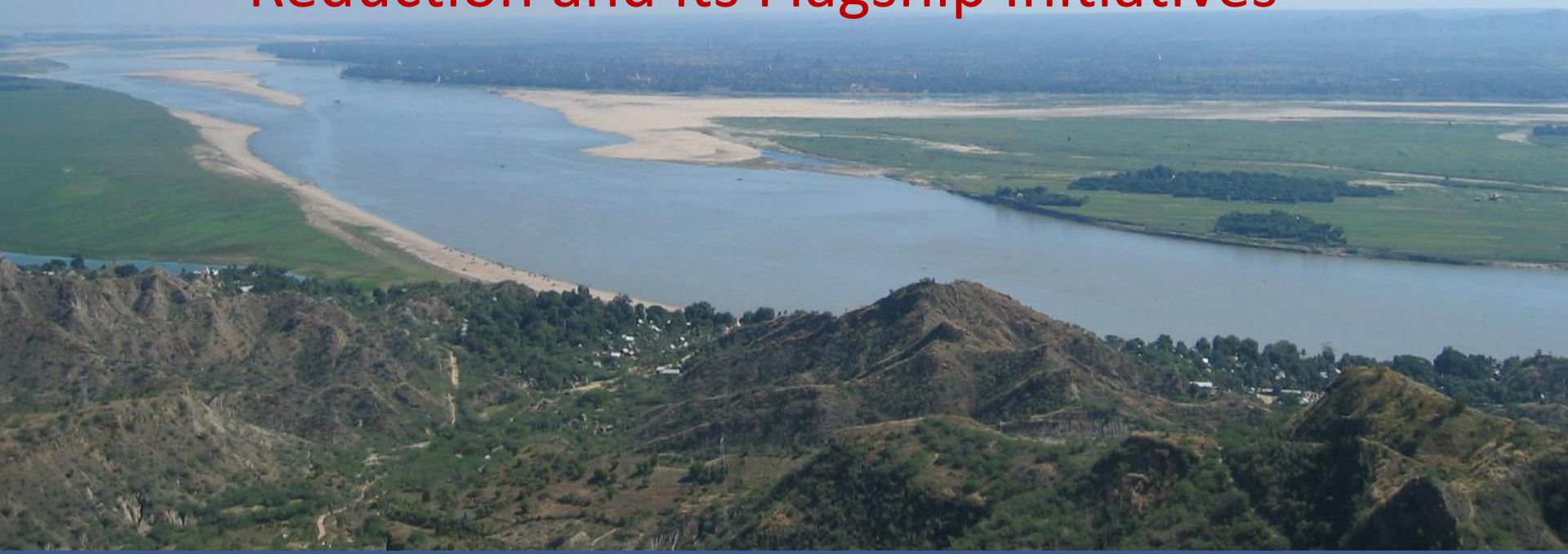


Ecocivilisation Year of Water 2023

Water Risk Reduction Webinar

22 Feb 2023, Virtually hosted by Ecocivilisation Secretariat in Slovenia

“HELP Policy Recommendations to Water Risk Reduction and its Flagship Initiatives”



*Prof. Dr. Khin Ni Ni Thein, Founder and Initiator of Myanmar Water Academy/ Think Tank,
Ecocivilisation Wing Myanmar Country Chair, and HELP Expert Advisor
International Peer Reviewer for River Basin Organizations*

Science, Values, and Ecological Vision

Thinking (1)

- In 1958, just five years after Watson and Crick revealed the molecular structure of DNA, the philosopher Hannah Arendt warned presciently of the growing alienation that science was causing between humankind and the natural world.
- This warning came in her book *The Human Condition* at a time when the “biological revolution” was still nascent, and well before the dawn of contemporary genetic engineering and biotechnology.
- “The human artifice of the world,” Arendt writes, “separates human existence from all mere animal environment, but life itself is outside this artificial world, and through life man remains related to all other living organisms.”

Ecocivilisation promotes . . .

Year of Water
2023

presented by

#EcocivilisationMovement

www.ecocivilisation.eu

#EYoW23, #EcocivilisationYearOfWater2023



- From EGO (Egoism) to ECO (Ecologism)
- We are Nature

Science, Values, and Ecological Vision

Thinking (continued)

- For some time now, a great many scientific endeavors have been directed toward making life also **'artificial,'** toward cutting the last tie through which even man belongs among the children of nature.”
- And she concludes, “The question is only whether we wish to use our new scientific and technical knowledge in this direction, and this question cannot be decided by scientific means; it is a political question of the first order and therefore can hardly be left to the decision of professional scientists or professional politicians” (p. 2-3).

Ecocivilisation Year of Water 2023

- It is an attempt to cross-pollinate “the scientific and technological approaches and the humanity, art and cultural approaches”.
- Series of webinars are being schedules. Through the lens of **cross-pollination!**

The Content



- **Feb (1.st week):** Water as a circular system of life
 - oceans, in-land waters, clouds, rain, beings, the circle of life
- **Feb (the last week):** Water Risk Management & The Climate Change
 - (issues of risk water management; why that is important for migration, health, community resilience)
- **Mar:** Water & Circular Economy
 - the role of different stakeholders in systemic approach to water management, the role of water in circular economy: water as an information system of the planet Earth
- **Apr:** Responsible Investments in Sustainable Water Management
 - (how financial organizations address investments in water, evaluation criteria, opportunities with new innovative financial tools)
- **May:** Legal Rights for Water
 - (the right for a fresh water in every constitution in the world; the role of a legal system in democratization of water)
- **Jun:** Water & Gender perspective
 - why the water issues are also gender issues
- **Jul:** Regional events by the Ecocivilisation Wings
 - (regional issues, possible ways forward by activating regional and global strengths: how, when)
- **Aug:** Regional events by the Ecocivilisation Wings
 - regional issues, possible ways forward by activating regional and global strengths: how, when)
- **Sept:** Water, Art & Culture
 - the mening of water for art and culture
- **Oct:** The role of water in rituals, festivals
 - what are historical perspectives of water; wisdoms, stories, rituals and the ancient future wisdoms that the water is sharing with us)
- **Nov:** A New Water Management Paradigm
 - wrap-up session; water manifesto; creation of a focus group: Ecocivilisaiton Water Essential Group (EWEG)
- **March 2024:** #EcocivilisationBook: Water, The Inner Strength of Life
 - event(s), social media promotional activities, web page promotion

Concerning Water Risk/ Water Security. . . Many Questions confront the World

- How can we ensure that an adequate supply of clean water is available, both for today and for coming generations?
- How equitable will access to it be? How should it be managed, and by whom?
- What will the implications of climate change be on the quality and quantity of fresh water?
- Is clean water destined to become for the twenty-first century what petroleum was for the twentieth, a source of geopolitical power and conflict?
- Will social change concerning water use come through technological innovation or through cultural and value change, or some combination of both?

Diseases, Pandemics (COVID-19) and Water Risks

- Concurrent with the ecological dimensions of the water crisis are public health dimensions, including, but not limited to, the spread of water-borne diseases, particularly in the developing world.
- **Existing systems** need to be modified, or new systems need to be created, so as to achieve more just access to clean drinking water, as well as to provide for effective societal responses to public health concerns. **Calling for a New Water Management/ Governance Paradigm began in 2020 by awaken peoples.**
- **Existing systems consisted of hardware and software.**
 1. Water technologies, water management systems as hardware and
 2. water ethics and Ecologism as software.
- Water Professionals are Key to success. They need to know not only interdisciplinary but also transdisciplinary! Not only about self but also the Nature!

HELP High-level Expert and Leaders Panel

<https://www.wateranddisaster.org/>

- **High-Level Expert Panel on Water and Disaster (HLEP/UNSGAB)**
The High-Level Expert Panel on Water and Disaster (HLEP/UNSGAB) was convened at the request of [the UN Secretary General's Advisory Board on water and Sanitation \(UNSGAB\)](#) in 2007, under the Presidency of H.E. Dr. Han Seung-soo, Prime Minister of the Republic of Korea and Former President of the Korea Water Forum.
- The HELP included 21 experts in disaster preparedness and response and international issues, and was co-moderated by the World Water Council, the UN Secretariat for the International Strategy for Disaster Reduction (UNISDR), the Japan Water Forum and the Korea Water Forum. More ... <https://www.wateranddisaster.org/who-we-are/>
- The issue of “water and disasters” must be addressed if we hope to make sustainable development a reality.
- The High-level Experts and Leaders Panel on Water and Disasters (HELP) issues principles and flagship initiatives to assist the international community, governments and stakeholders in mobilizing political will and resources, when adopted, principles turn policies.
- HELP promotes actions to raise awareness, ensure coordination and collaboration, establish common goals and targets, monitor progress, and take effective measures aimed at addressing the issues of water and disasters.
- **This presentation is a proof of Action in Cross-pollination among HELP, Ecocivilisation, and wider international Community.**

HELP Flagship Initiatives

- One of the main HELP activities is to implement the Flagship Initiatives.
- The lead organization of the each of the Initiatives share its progress and future plan at the HELP meetings taking place twice a year.
- Currently, there are four HELP Flagship Initiatives.
 - Climate Change led by the Government of the Netherlands
 - [Financing and Investment for Water-related DRR led by the Ministry of Land, Infrastructure, Transport and Tourism of Japan](#)
 - Alliance of Alliances for Water-related DRR Researches led by International Centre for Water Hazard and Risk Management (ICHARM) and Sichuan University, China
 - HELP Flagship Documents

HELP Flagship Initiatives

HELP Guiding Principles for Drought Risk Management under a Changing Climate

Catalysing actions for enhancing climate resilience



Government of the Netherlands

Deltares

AGWA



The Principles to Foster Peace before, during, and after Water-related Disasters

PEACE before, during and after Water-related Disasters

Rationale of the Principles

Rationale of the Principles

As water is a fundamental source for lives and livelihood of people and a key element of the environment, excess, shortage, and/or pollution of water have been of major concern by leaders, politicians, diplomats, stakeholders, and citizens. Such concern and awareness are heightened particularly when water is in an extreme status. Women, children, and vulnerable populations are particularly at higher risk in emergencies.

Why this Report?

Within Disaster Risk Reduction (DRR) and water-related climate risks, much attention is paid to floods and storm surges. However, droughts are among the most far-reaching yet most impactful natural hazards to both nature and humanity! (Reference source: <https://www.wateranddisaster.org>)

HELP Latest Announcements

<https://www.wateranddisaster.org/>

- Latest Announcements [Read more](#)
- [HELP Message to G20 Leaders](#) was launched on Friday, November 11th, 2022 in Bali, Indonesia. [read more](#)
- [HELP Global Report on Water and Disasters 2022](#) was launched at the G20 Special Event “Building Back Stronger from Impacts of COVID-19, Climate Change, and Disasters – Actions towards Quality Society -” on November 11th, 2022 in Bali, Indonesia.
- [HELP Guiding Principles for Drought Risk Management under a Changing Climate was launched on March 22nd, 2022 in Dakar](#)
- HELP Secretariat is looking for interns for creating “World Water Heritage database.” [Read more](#)
- HELP Chair calls for urgent support to the Kingdom of Tonga and other countries affected by submarine volcano eruption and tsunami on January 24th, 2022.
- [Read more](#)

တင်မိုး ၏ နှင်းဆီပွင့်ပေါ် အိပ်ပျော်ခြင်း ကဗျာစာအုပ်မှ ကြာပန်းပူဇော် ၊ ၃၀၊ ၄၊ ၁၉၇၂

အရှင်ဘုရား ...
ဘုရားတပည့်တော်၊ ဆုတောင်း မျှော်၍
ပူဇော်ပါရ၊ ကြာပန်းလှကို
ဘုရားကျွန်အား၊ မေတ္တာထား၍
သနားသဖြင့်၊ လှမ်းလင့်တော်မူ
ခံယူလေပါ၊ ကရုဏာသခင်
ရွှေဖုန်းရှင်ဘုရား။

တပည့်တော်သည်
အလျော်အသင့်၊ ရှေးကံပင့်၍
မြင့်မြတ်သာစည်၊ မြန်မာပြည်၌
သန္ဓေတည်ကာ၊ ဖွားမြင်လာသည်
များစွာဂုဏ်ယူမိပါသည်။

မိမိဖွားရာ၊ ပြည်မြန်မာ၏
သိက္ခာအကျင့်၊ မြင့်ထက် မြင့်အောင်
ပွင့်သည်ပညာ၊ ဖြာထက်ဖြာအောင်
ဝိဇ္ဇာ တတ်မျိုး၊ တိုးထက်တိုးအောင်

စက် မိုး စက် မြေ၊ စက်ကြိုး စေလျက်
လှေမှသင်္ဘော၊ တောမှမြို့ပြ
လှည်းမှဂျက်ယာဉ်၊ ကညင်ဆီမှ လျှပ်စစ်
တခေတ်ထက် တခေတ်
သစ်ထက်သစ်အောင်
ခေတ်ဟောင်းကိုလှန်၊ ခေတ်သစ်ဖန်ဖို့
နိုင်ငံ၏သား၊ တာဝန်များဟု
သိနားလည်ပါသည် အရှင်။

ကြာပန်းဒါနံ၊ ကောင်းမှုကံကြောင့်
နိုင်ငံအကျိုး၊ ဆထမ်းပိုးဖြင့်
သယ်ပိုးပါရ၊ မြတ်ဘဝကို
တောင့်တဆုပန်လိုပါသည်။

ကိုယ်ကျိုးမျက်စိ၊ တဖက်တည်းကြည့်၍
မိမိကိုယ်ကျိုး၊ ရနိုးနိုးဖြင့်
လိပ်မျိုးစဉ်လာ၊ သားယုတ်မာဟု
ရွံ့ရှာဖွယ်လိ၊ လောဘရှိသော
မျက်စိကင်းရပါလို၏။

တင်မိုး ၏ နင်းဆီပွင့်ပေါ် အိပ်ပျော်ခြင်း ကဗျာစာအုပ်မှ ကြာပန်းပူဇော် ၊ ၃၀၊ ၄၊ ၁၉၇၂ (အဆက်)

မိမိအတွက်၊ တိုင်းပြည်ရှက် မည့်
မျက်နှာမလှ၊ မှုကိစ္စကို
ရှောင်ရရှားရ ပါလို၏။

ကိုယ်ကျိုးမက်၍
ဖျက်ခဲ့သစ္စာ၊ အကြိုက်ရှာကာ
မျက်နှာရကြောင်း၊ လျှာကိုရောင်း၍
မကောင်းသည်ကို၊ အကောင်းဆိုလျက်
ယိုသူမရှက်၊ မြင်သူရှက် မှု
အထက်ကိုပင်း၊ အောက်ကိုနင်းသည့်
သိမ်ဖျင်းမှုရာ၊ စိတ်နုံချာကို
အောင်ပါလို၏။ အောင်လို၏။

နောင်အခါ
ရာဇဝင်တွင်၊ စာတင်ရမည်
ရှိသည်မှန်စွာ၊ ထိုရောခါ၌
ရာဇဝင်ရေး၊ ဥာဏ်ပဂေးတို့
သွမ်းသွေးမဆုံး၊ သရော်ပြုံးမှ
လုံးလုံးလွတ်ရပါလို၏။

တပည့်တော်သည်
မကျော်မကြား၊ မထင်ရှားသည့်
လူသားမည်ကာ၊ ဖြစ်ရပါစေ
တတ်ပါသမျှ၊ စွမ်းအစဖြင့်
မာနမဖက်၊ အမျက် မရှိ
သတ္တိကိုမွေး၊ မိကိုကျွေးလျက်
ကျေးဇူးသိတတ်၊ သားမွန်မြတ်ဟု
သိမှတ်ကြည်ဖြူ၊ နှုတ်ပျံ့ကြူဖြင့်
ဂုဏ်ယူဝမ်းသာ၊ မိမြန်မာ၏
မျက်နှာပန်းကို မြင်လို၏။

Conclusions

- Water is not a mere “resource” as it is a lynchpin in the entire web of planetary life.
- The focus of new water management/governance paradigm is not on water in isolation, but on (i) the natural water cycle, (ii) human-water interaction in all performances such as physical, technological, spiritual, ethical, and cultural, and (iii) water as a circular system of life.
- We need to further research on how these three cycles connect the land, the atmosphere, hydrosphere, biosphere, and the Sustainable Development.

(Reference source: <https://www.myanmarwatersacademy.com>)

Note: **Ecologism** is a new political ideology based on the position that the non-human world is worthy of moral consideration, and that this should be taken into account in social, economic, and political systems.

The difference: While **environmentalism** focuses more on the environmental and nature-related aspects of green ideology and politics, **ecologism** combines the ideology of **social ecology and environmentalism**.

Social ecology is the study of how individuals interact with and respond to the environment around them, and how these interactions affect society and the environment as a whole.

Reference source: <http://www.wikipedia.com>

Thank You!

Contact: Prof. Dr. Khin Ni Ni Thein
aiweb.lead@gmail.com

<https://www.linkedin.com/in/khinninithein>

<https://www.myanmarwatersacademy.com>
<https://www.ecocivilisation.eu/en/>