

International Webinar
MAINSTREAMING LAKES IN THE GLOBAL WATER AGENDA
27 October 2020

Sustainable Lake Management in Indonesia



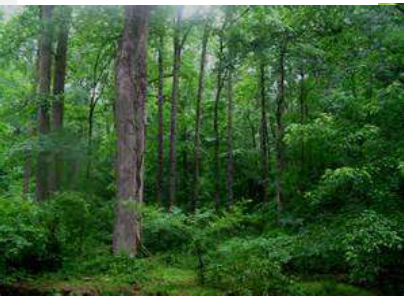
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Outline



1. Indonesian lakes
2. Challenges
3. Integrated Programs
4. International Cooperation
5. Call for Actions



1. Indonesian Lakes



Biodiversity of Indonesian Lakes



Sidat fish, Lake Poso



Rainbow fish, Lake Sentani



Migration bird in Lake Limboto
(from Australia, China and Russia)



Payangka fish, Lake
Tondano



Batak fish, Lake Toba



Opudi fish, Lake Matano



Manggabai fish, Lake Limboto



Bilih fish, Lake Singkarak



Toman fish, Lake Sentarum



Semah fish, Lake Kerinci



Pesut, Mahakam

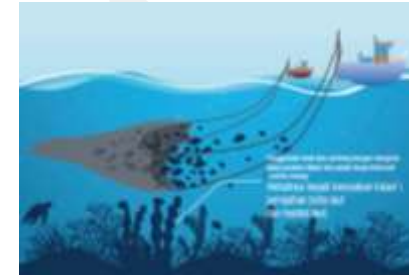
2. Challenges

- Human pressures
- Climate change
- Other natural phenomenon

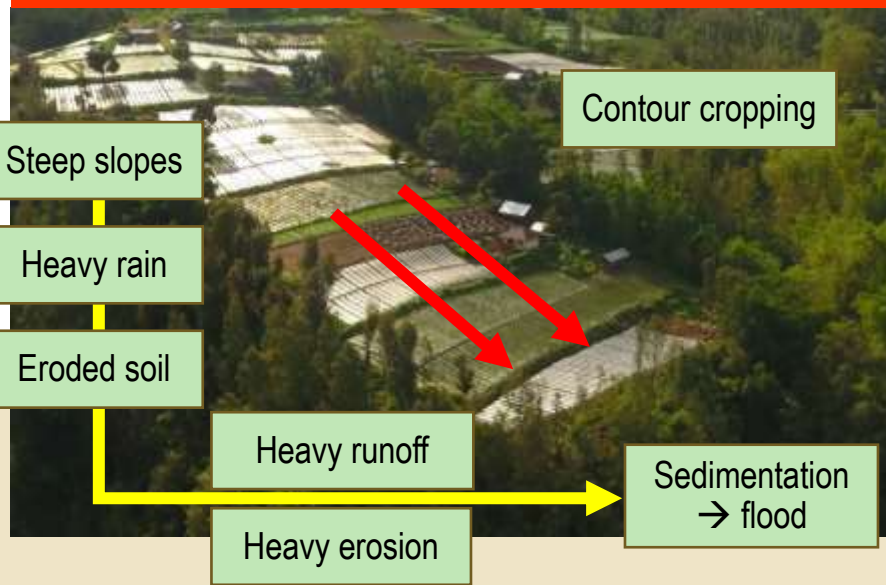
Decreasing in biodiversity

Water pollution and eutrophication

Erosion and sedimentation



Introducing of invasive alien species, threatened from water transportation, power plant, overfishing, etc.



3. Integrated Programs



Forest and Land Rehabilitation for erosion control, maintaining water supply and as greenbelt of the lake



Including civil engineering of soil and water conservation, and Integrated Agroforestry for lake conservation and livelihoods



4. International Cooperation

Sharing of and gain more knowledge, understanding, experience and lessons learned on lake management and best practices.

Enhancing global concern and pursuing global action on lake conservation and rehabilitation.

Strengthening bilateral cooperation to improve knowledge and share experience in lake management, based on mutual understanding.



5. Call for Action

1. Prioritizing lake conservation and rehabilitation, and mainstreaming it in local, national and international development program.
2. Enhancing community engagement through awareness, education and participation in lake protection, restoration and wise use of lake's ecosystem;
3. Enhancing research and innovation for sustainable lake management; and
4. Developing international networking and collaboration on sustainable lake management as well as strengthening and energizing the efforts of UN Agreements and Inter-UN bodies.

**Our support for lake conservation and rehabilitation
is imperative for the future of our ecosystems and our people,
and for the destiny of the next generation.**

Thank you

**Lake is Life,
Love it**

