



GUS Newsletter

July-August 2015

APA KABAR?

During the dry season, we are also concerned about groundwater reserves Bali, which as said by the researchers, rapidly dwindling. So, Bali on the verge of a water crisis?

Environmental issues can not be separated from one another. They are an integral and inseparable unit. The reasons GUS focuses on the garbage issue is part of the effort to preserve the environment : water, soil, air and ecosystems in general. We hope our rate to improve the environment is faster than our rate to damage it.

Please see the updates of our last 2 months activities in this special edition newsletter without photos.

Our main **Beach Clean Up Project** is Project Clean Uluwatu (PCU) www.projectcleanuluwatu.com, as a solution to the problem of garbage and waste around Suluban beach. GUS expects this can be a pilot-project for sustainable management for other beaches in Bali.

GUS was supporting Padang-Padang Cup with portable composting toilets, happy to be able to contribute in keeping the beach clean and beautiful.

As for the surfing contest in Pacitan, East Java, GUS donated several environmental education books to inspire the children to keep their environment including the beaches preserved.

Revitalisasi Pusat Pendidikan Lingkungan Temesi

The environmental education center is a complementary project for the waste facility at Temesi, Gianyar. It exhibits various themes related to the climate change issues including alternative energy, waste management, water, energy-saving house, and others. Please let us know if you want to visit the facility.

Waste Management in Karangasem

Supporting our initial main project the Beach Clean Up Project, we see that the garbage on the land as the main source of waste that pollute the ocean and brought ashore should also be managed properly. Funded by the Ministry of Public Works, GUS work with communities starting their own garbage processing. One of the long-term goals is to extend the life of the landfills. For example, if in Denpasar and Badung garbage is managed in every village, the waste being dumped every day into Suwung landfill will be much reduced. We know how Suwung landfill is currently like giant piles of garbage ready to pollute our ocean.

Global Initiative to Stop Plastics Entering Our Ocean

GUS joined (nearly 40) NGOs coalition from across the globe which is led by Washington, DC based **Ocean Conservancy** to stop plastics from entering our ocean. By working together, we can develop innovative solutions, including integrated waste management, at a global scale that will reduce plastic leakage from land. The coalition will issue a letter that highlights the most recent science on plastics in the ocean and calls for action from industry and fellow NGOs to find solutions to the problem.

As we know, Indonesia was named one of the top marine polluters as quoted from <http://www.the-neweconomy.com/home/worlds-worst-marine-polluters-named-and-shamed> (February 13, 2015).

Note: We believe there are many other reputable sources mention the same thing.

Plastic marine debris estimates for the top 20 countries in 2010 (measured in mmt/year) as calculated by Jambeck et al

1. China – 3.53

2. Indonesia – 1.29

(1.29 mmt/year = 1.290.000.000 kg/year = 1.290.000 tons/year)

1. Philippines – 0.75

2. Vietnam – 0.73

3. Sri Lanka – 0.64

4. Thailand – 0.41

5. Egypt – 0.39

6. Malaysia – 0.37

7. Nigeria – 0.34

8. Bangladesh – 0.31

9. South Africa – 0.25

10. India – 0.24

11. Algeria – 0.21

12. Turkey – 0.19

13. Pakistan – 0.19

14. Brazil – 0.19

15. Burma – 0.18

16. Morocco – 0.12

17. North Korea – 0.12

20. United States – 0.11