

The G20 Workshop on
harmonized monitoring and data compilation of marine plastic litter

Background and Japan's Practices

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NAKASHIMA Keiji

Ministry of the Environment, Japan

1. Relationship between SDGs and Marine Plastic Litter

Goal 12: Ensure sustainable consumption and production patterns



- 12.2 By 2030, achieve **the sustainable management and efficient use of natural resources**
- 12.4 By 2020, **achieve the** environmentally sound **management of** chemicals and **all wastes** throughout their life cycle, in accordance with agreed international frameworks, and **significantly reduce their release to air, water and soil** in order to minimize their adverse impacts on human health and the environment
- 12.5 By 2030, **substantially reduce waste generation through prevention, reduction, recycling and reuse**

Goal 14: Conserve and sustainably use the oceans, seas and marine resources

- 14.1 By 2025, **prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities**, including marine debris and nutrient pollution
- 14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and **take action for their restoration in order to achieve healthy and productive oceans**

2. G20 Osaka Summit



- **The G20 leaders shared a common global vision** in June, 2019

We aim to reduce the additional pollution by marine plastic litter to zero by 2050 through a comprehensive life-cycle approach.(Osaka Blue Ocean Vision)

- **86 countries and regions** have already shared the vision

3. G20 Meeting

G20 Meeting on Scientific Knowledge and Innovative Solutions was held in October, 2019

Joint initiatives of MOEJ, EU DG Environment and USEPA to take a lead voluntarily in further elaboration of key issues



- Take the lead in advancing scientific knowledge and innovative solutions by holding workshops and reporting outcomes back to the G20 members

4-1. Guidelines for Harmonizing Ocean Surface Microplastic Monitoring Methods

- The international expert meetings have been held in 2016, 2018, 2019 and 2020.
- Researchers from all over the world participated.

Author name	Country	Author name	Country
Chavanich, S.	Thailand	Mason, S.A.	USA
Chiba, S.	Japan	Michida, Y.	Japan
Cordova, M. R.	Indonesia	Mu, J.	P.R. China
Cózar Cabañas, A.	Spain	Saito, H.	Japan
Galgani, F.	France	Shim, W.J.	R. Korea
Hagmann, P.	Switzerland	Syakti, A.D.	Indonesia
Hinata, H.	Japan	Takada, H.	Japan
Isobe, A.	Japan	Thompson, R.	UK
Kershaw, P.	UK	Tokai, T.	Japan
Kozlovskii, N.	Russia	Uchida, K.	Japan
Li, D.	P.R. China	Vasilenko, K.	Canada
Lusher, A.L.	Norway	Wang, J.	P.R. China
Martí, E.	Spain		

listed in alphabetical order

4-2. Guidelines for Harmonizing Ocean Surface Microplastic Monitoring Methods

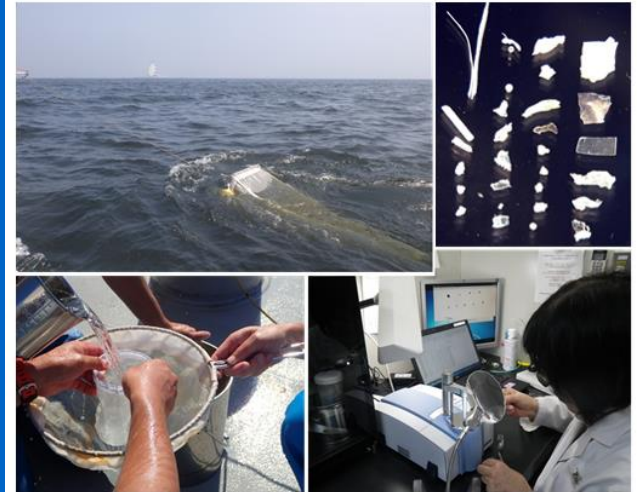
“Guidelines for Harmonizing Ocean Surface Microplastic Monitoring Methods”. (ver. 1.0 in 2019. Revised ver. 1.1 in 2020)

URL of the Guidelines is:

http://www.env.go.jp/en/water/marine_litter/guidelines/guidelines.pdf

Guidelines for Harmonizing Ocean Surface Microplastic
Monitoring Methods

Version 1.1, June 2020



Ministry of the Environment, JAPAN
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Recommendations for sampling methods and laboratory analyses

