

4. CONCLUSIONS

Marine debris is a global issue which requires integrated stakeholders cooperation. Scientists, students, graphic designers, communication professionals, all collaborated to communicate marine debris in scientifically accurate yet engaging and easily accessible formats. Need more trainings to the scientist how to use the media, to enhance more suitable graphics and posters for describing MD to society. It is important to provide visual information such as flyer, infographic, and short movie, and make a link to other social groups to gain more audience. PKM or dissemination is a good way to transfer the knowledge because the society nowadays more believe to science.

References

- [1] Burns, T. W., O'Connor, D. J., and Stockmayer, S. M. Science communication: a contemporary definition. *Public Understanding Science* 12, 183–202, 2003.
- [2] Grorud-Colvert, K., Lester, S.E., Airame, S., Neeley, E., Gaines, S.D. Communicating marine reserve science to diverse audiences. *PNAS* 107(43), 18306–18311, 2010.
- [3] Purba, N.P., Izza M. Apriliani, Lantun P. Dewanti, Hetty Herawati, Ibnu Faizal. Distribution of Macro Debris at Pangandaran Beach, Indonesia. *World Scientific News* 103, 144–156, 2018.
- [4] Purba, N.P., Handyman, D.I.W., Pribadi, T.D., Syakti, A.D., Pranowo, W.S., Harvey, A., Ihsan, Y.N. Marine debris in Indonesia: A review of research and status. *Marine Pollution Bulletin* 146, 134–144, 2019.
- [5] Ayu, H. Government Policy Directions on Illegal Unreported Unregulated (IUU) Fishing in Indonesia. *Proceedings International Conference BKSPITIS*, 106-114, 2018.
- [6] Hartley, B.L., Holland, M., Pahl, S., Thompson, R.C. How to Communicate with Stakeholders about Marine Litter – A Short Guide to Influencing Behavioural Change. Plymouth, UK. (2015) <http://www.marlisco.eu/how-to-communicate-with-stakeholders-guide.en.html>
- [7] Attamimi, A., Purba, N.P., Anggraini, S.R., Harahap, S.A. Investigation of marine debris in Kuta Beach Bali. In: Suhartanto, E., Juwono, P.T., WWS, A., Andawayanti, U., Hidayat, F., Susilo, G.E. (Eds.). *Proceedings of Environmental Engineering and Water Technology, Integrated Water System and Governance (Malang, East Java, Indonesia)*, pp. C1–C7, 2015.
- [8] Tabuenca, B., Kalz, M., Lohr, A. Tabuenca, B., Massive Open Online Education for Environmental Activism: The Worldwide Problem of Marine Litter. *Journal of Sustainability-MDPI* 11, 1-16, 2019.
- [9] Sulistyorini, D., Eliswan, A. Optimizing Social Media a two-way communication channel. *AntaraneWS* (2019) p.1., 2019.
- [10] Mea, M., Newton, A., Uyarra, M.C., Alonso, C., Borja, A. From Science to Policy and Society: Enhancing the Effectiveness of Communication. *Frontiers of Marine Science* 3, 1-17, 2016.