

**Handbook of Arts-Based Research**

*Edited by* **Patricia Leavy**

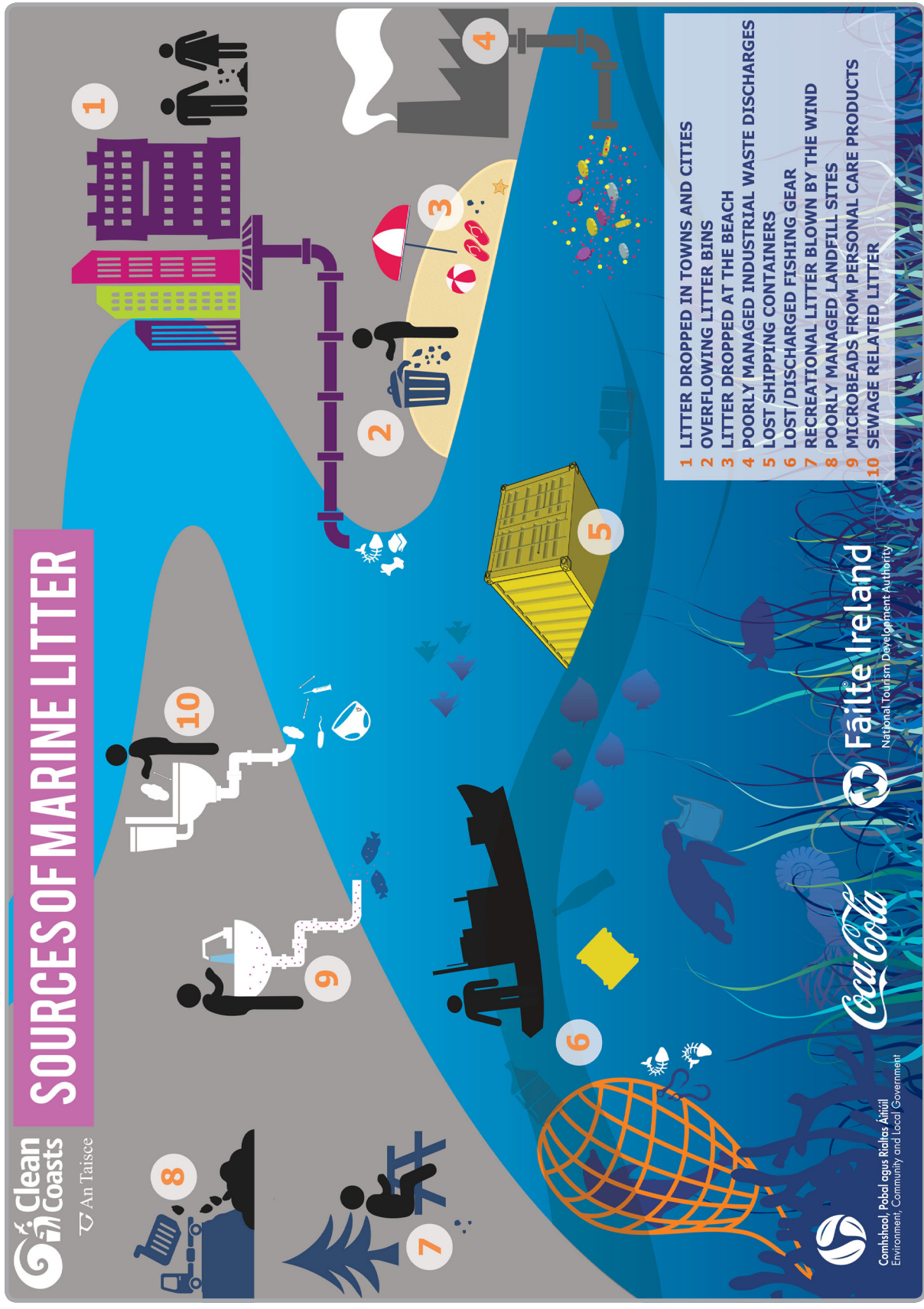
*Color supplement to*

**CHAPTER TWENTY-FOUR**

**Sea Monsters Conquer the Beaches:**

*Community Art as an Educational Resource—  
A Marine Debris Project*

**Karin Stoll  
Wenche Sørmo  
Mette Gårdvik**



**FIGURE 24.1.** The different origins of marine litter. cleancoasts.org, The Clean Coasts Programme, An Taisce–Environmental Education Unit, 5a Swifts Alley, Francis Street, Dublin 8, D08 TN88 Ireland. Retrieved November 1, 2016, from [http://cleancoasts.org/wp-content/uploads/2015/02/infographic\\_final\\_website.jpg](http://cleancoasts.org/wp-content/uploads/2015/02/infographic_final_website.jpg).

# HOW LONG UNTIL IT'S GONE?

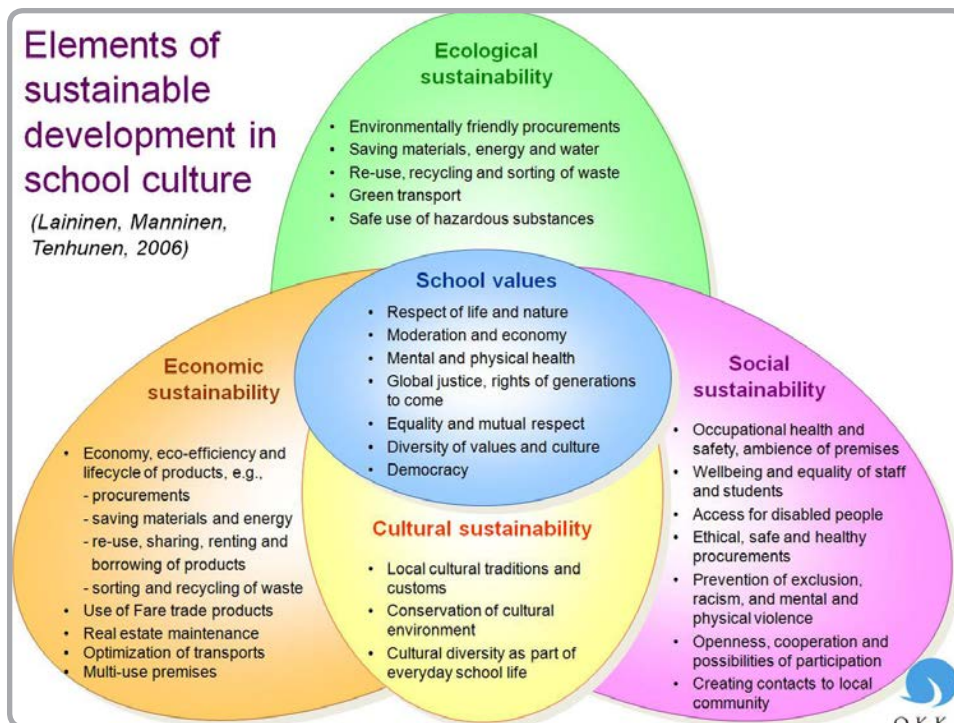
Estimated decomposition rates of common marine debris items



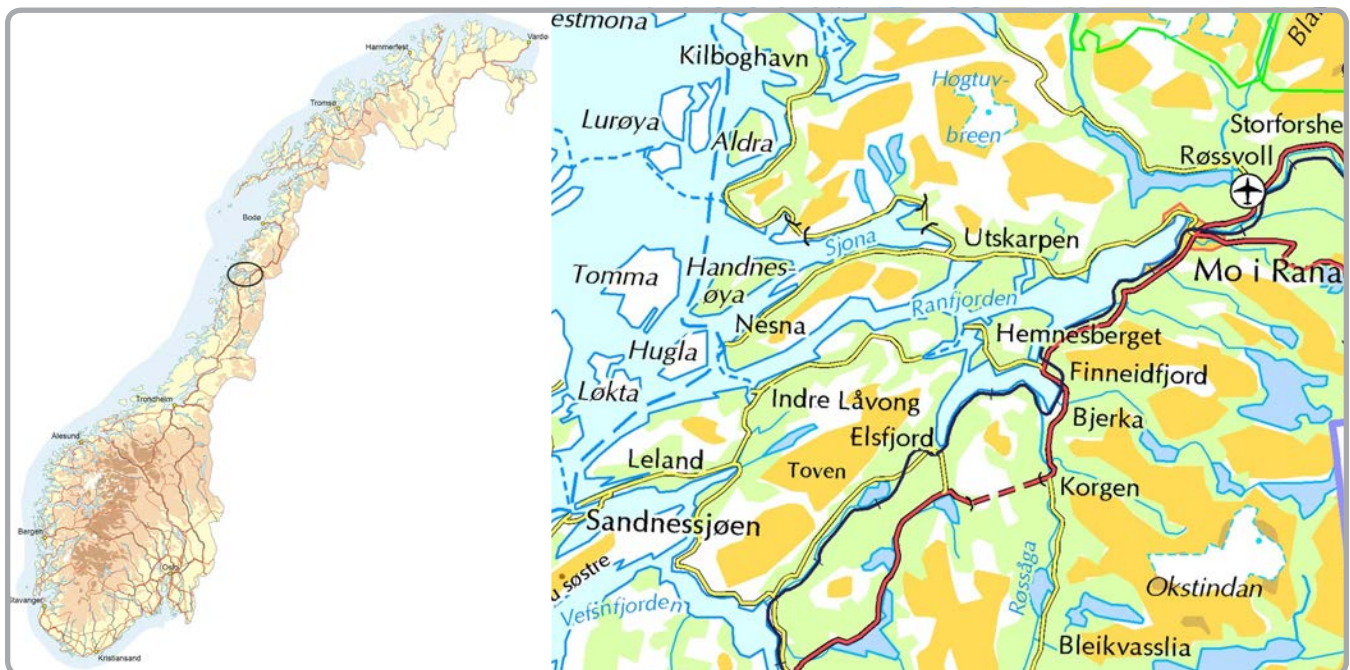
Estimated individual item timelines depend on product composition and environmental conditions.  
 Source: NOAA (National Oceanic and Atmospheric Administration), US / Woods Hole Sea Grant, US  
 Graphics: Oliver Lude / Museum für Gestaltung Zurich, ZHdK

**FIGURE 24.2.** Estimated decomposition rates of common marine debris items. [www.plasticgarbageproject.org](http://www.plasticgarbageproject.org), NOAA. Graphic design: Oliver Lude © Museum für Gestaltung Zurich, ZHdK, 2012.





**FIGURE 24.4.** Elements of sustainable development in school culture. From Laininen, Manning, and Tenhunen (2006). Reprinted by permission.



**FIGURE 24.5.** Map of Helgeland and Ranfjord where beaches were cleared.



**FIGURE 24.7.** Marine litter in the tidal zone. Retrieved from [www.friflyt.no/surf/mora-di-jobber-ikke-her](http://www.friflyt.no/surf/mora-di-jobber-ikke-her). Photo by Christian Nerdrum.





**FIGURE 24.8.** The kindergarten garbage monster. Photo by Mette Gårdvik.



**FIGURE 24.9.** Sea Monster drawing by Sivert from the kindergarten. Photo by Mette Gårdvik.





**FIGURE 24.10.** The Turtle, community art on the beach. Photo by Robert Øyjord, Artic Air View.