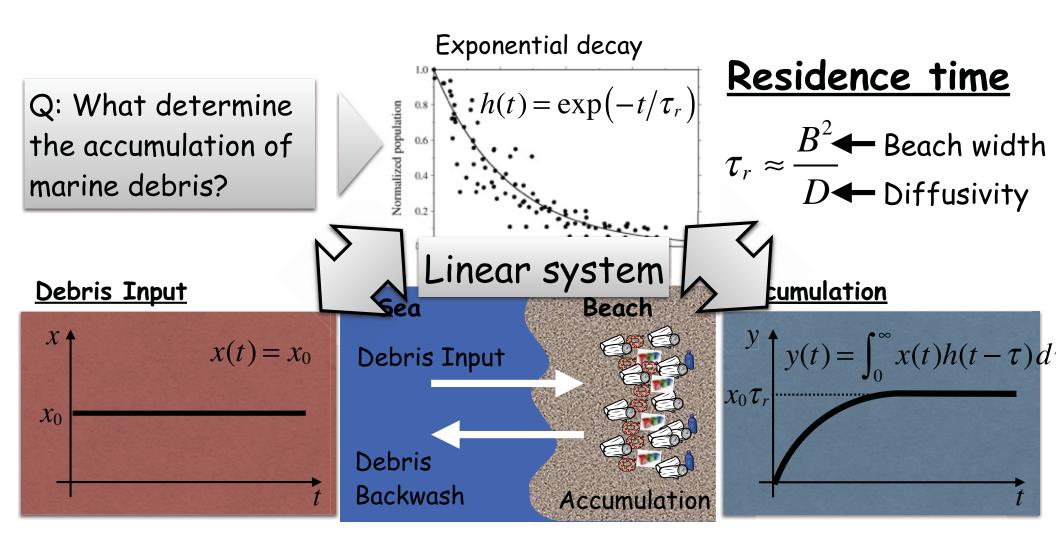
Residence time of marine debris on beaches



NOTE: Please refer the following papers, if you wanna know the residence time of marine debris on beaches.

Kataoka et al., Mar. Pollut. Bul., 101, 539-548, 2015

Karaoka and Hinata, Mar. Pollut. Bul., 91, 73-81, 2015

Karaoka et al., Mar. Pollut. Bul., 77, 266-273, 2013

Science Objectives

 Understanding the residence time determining the accumulation of marine debris

Measurement requirement

- Long term monitoring of the accumulation of marine debris with a high temporal resolution
- Mapping the beach width in the world
- · Measuring a probability of high wind-waves events

Benefit

 Understanding the residence time links to decide the clea up sites, and to identify the hot spots for generation of micro plastics.