

# Definition of “Satoumi”

A new concept for coastal sea management called “*Satoumi*” is defined as the coastal sea under the harmonization of sustainable wise use with conservation of appropriate natural environment and habitat conditions (Yanagi, 1998).

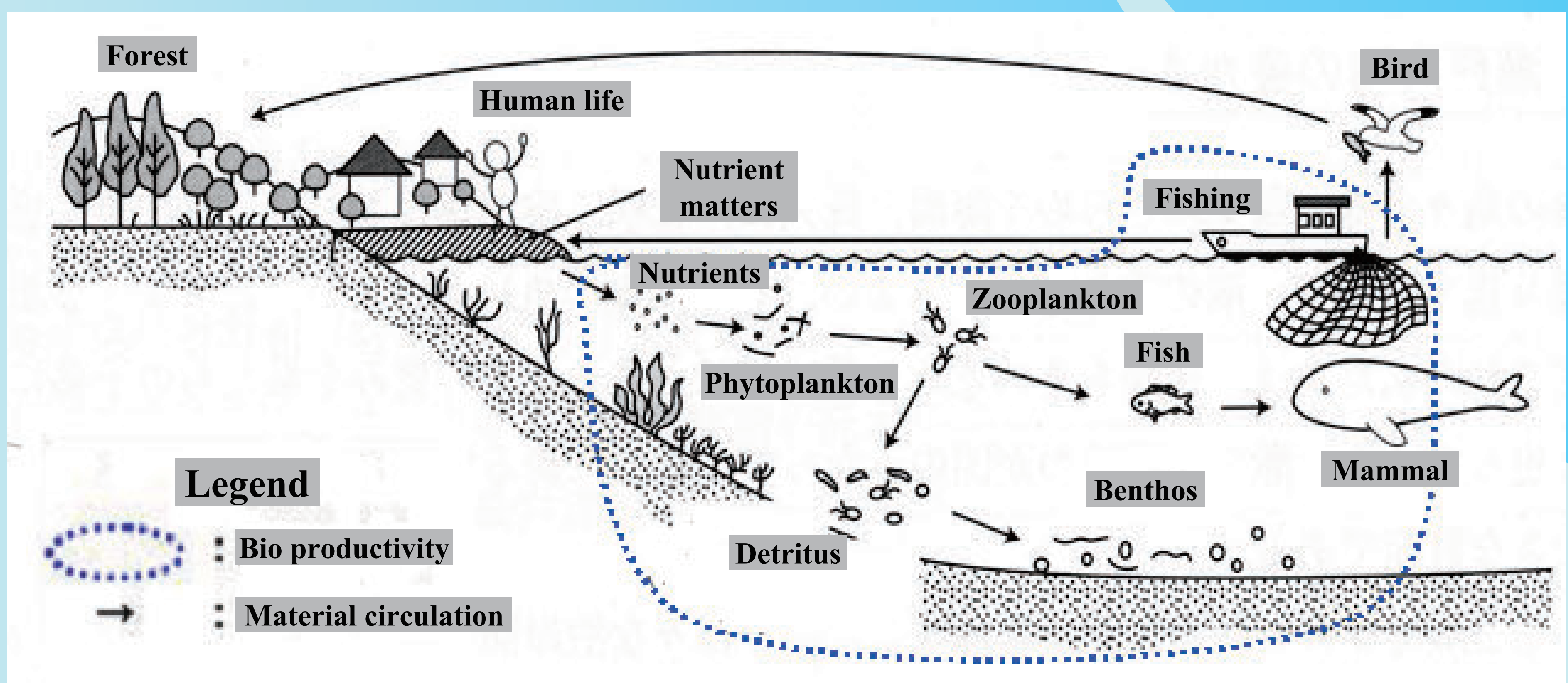
The concept of “*Satoumi*” is based on the idea of “*Sato-yama*”, the forest near mountain where people live. “*Sato*” means “area where people live”, and “*umi*” means “sea” in Japanese. Successful establishment of “*Satoumi*” through human interaction is expected to provide higher **biological diversity** as habitat and higher **biological production** as fishing ground.



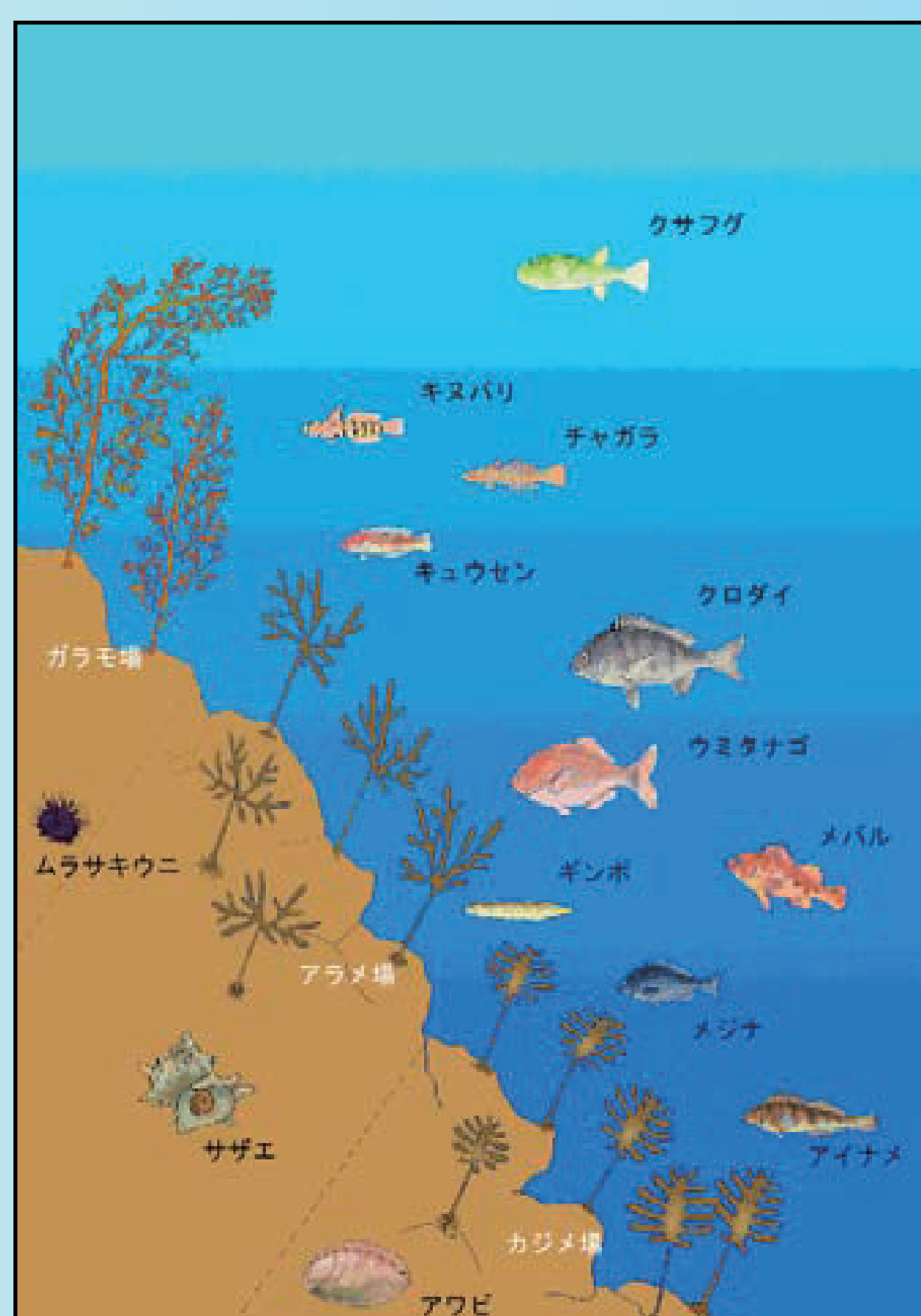


# Key Parameters of “Satoumi”

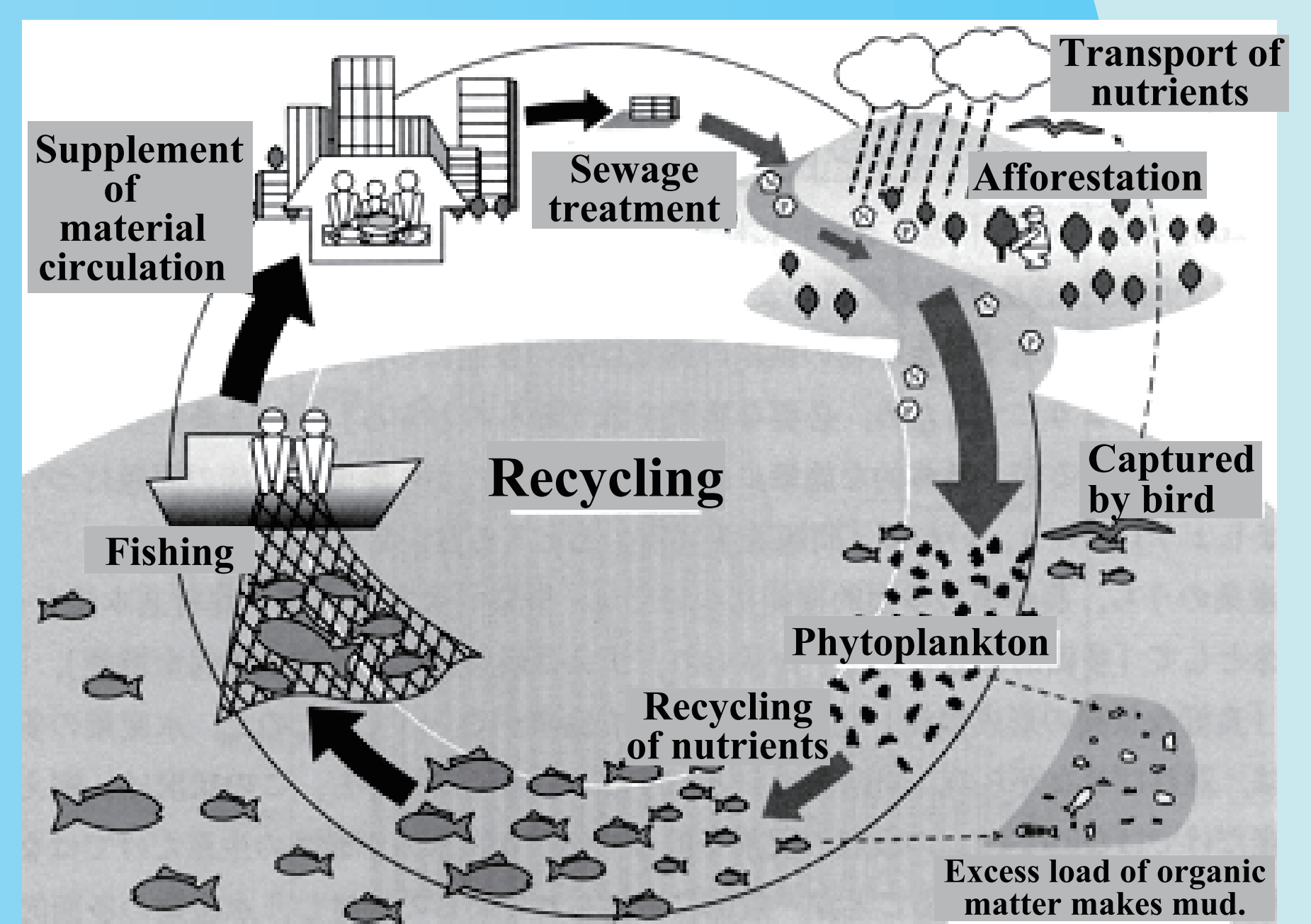
To establish “*Satoumi*”, it is necessary to realize comprehensive **material circulation** in coastal sea. In order to achieve high aquatic **biodiversity**, we have to keep nutrients concentrations moderate. Appropriate management of aquatic resources is important to obtain high **biological productivity** in “*Satoumi*”. Material circulation, biodiversity and biological productivity are key parameters of “*Satoumi*”.



## Biological Productivity



## Biodiversity



## Material Circulation

