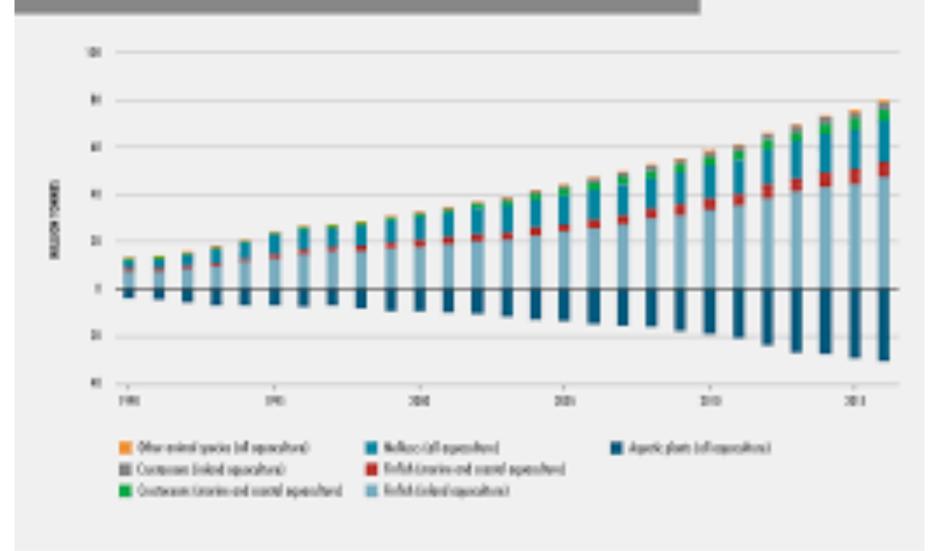
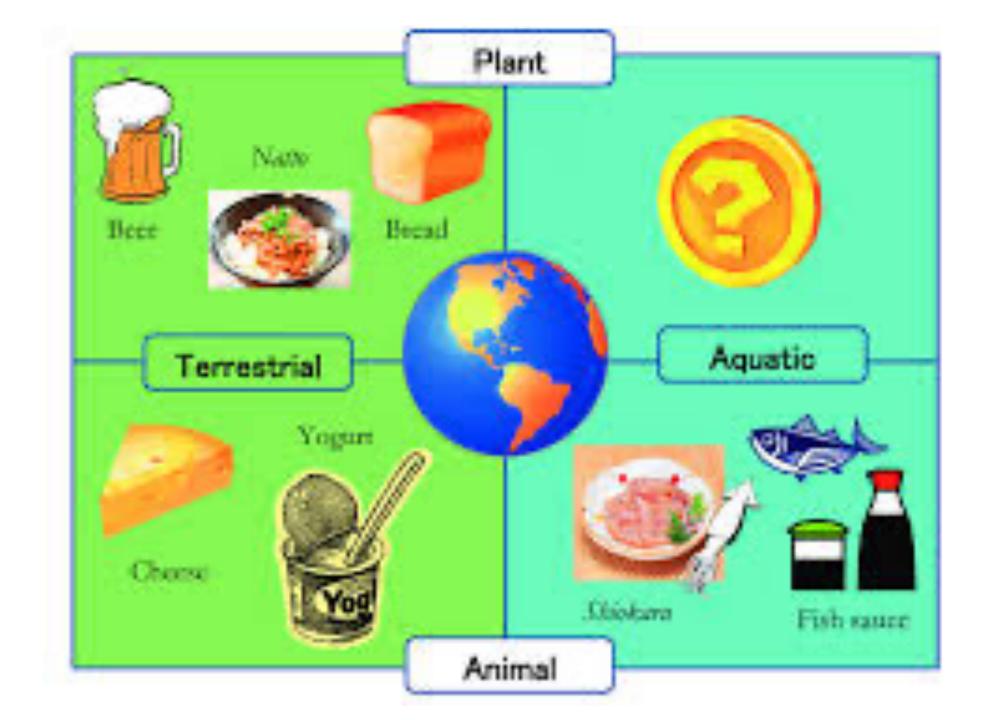
AQUATIC PLANTS

Dr. F. Sertel SEÇER

•	1st Week	Classification of aquatic plants, economic importance, beneficial and harmful effects for aquatic environment
•	2nd Week	Chlorophyceae class macroalgae and their characteristics
•	3rd Week	Macroalgae of the class Phaeophyceae and their characteristics
•	4th Week	Macroalgae of the class Rhodophyceae and their characteristics
•	5th Week	Charales order of flowerless aquatic plants and their characteristics
•	6th Week	True mosses and liverworts Lycopsida, Sphenopsida and Pteropsida
•	7th Week	Angiosperms; Monocotyledonous and dicotyledonous aquatic plants - Reproduction in aquatic plants
•	8th Week	Chemical structure of freshwater plants Chemical structure of marine plants
•	9th Week	Production of edible freshwater plants Production of edible marine macrolagous Porphyra and Undaria
•	10th Week	Animal feed production from marine macroalgae
•	11th Week	Evaluation of marine macroalgae as fertiliser
•	12th Week	Agar production from red macroalgae Distribution of aquatic plants
•	13th Week	Flour production from marine plants
•	14th Week	Utilisation of aquatic plants in wastewater treatment: the example of duckweed

MORLD AQUACULTURE PRODUCTION OF FOOD FISH AND AQUATIC PLANTS, 1990–2016







Breeding techniques



Extraction techniques

- Microwave assisted extraction (MAE)
- Ultrasound-assisted extraction (UAE)
- Supercritical fluid extraction (SFE)
- Pressuroed solvent estraction (PSE)
- · Enzyme-assumed extraction (GAE)



Applications

