

At FRST, under the niche of Aquatic Science we aim to provide students with a sound understanding of the various aquatic ecosystems and resources, to ensure these resources could be utilized for socio-economic and other benefits in a sustainable way. Our research programmes are designed for graduates to have the scientific background, knowledge and expertise to undertake research and development, as well as be innovative, especially in the exploitation and conservation of aquatic resources. The programmes also emphasize the promotion of public awareness and the importance of preserving and conserving aquatic ecosystems and resources for the benefit of future generations.

MEET OUR EXPERTS MARINE AND FRESHWATER BIOLOGY



Assoc. Prof. Dr
Samsur bin
Mohamad
Area of Expertise:
Harmful Algal Blooms
(HABs) and Toxins,
Marine Toxicology &
Food Safety



Prof. Dr Ruhana binti Hassan

Area of Expertise : Biodiversity



Prof. Dr Khairul Adha bin A. Rahim

Area of Expertise : Freshwater Biodiversity and Conservation



Assoc. Prof. Dr Siti Akmar Khadijah binti Ab Rahim

Area of Expertise : Marine Biodiversity and Conservation, Breeding of Marine Organisms & Marine Planktonology



Dr Fazimah binti Aziz

Area of Expertise : Fish Systematics & Ecology



Dr Farah Akmal binti Idrus

Area of Expertise : Chemical Oceanogra[hy & Applied Earth Science

MARINE AND FRESHWATER BIOLOGY



Assoc. Prof. Dr Aazani binti Mujahid Area of Expertise :

Marine Biodiversity and
Conversation, Physical
Oceonography & Coastal
Erosion



Ts Mohd Nasarudin bin Harith @ Abdul Nasir

Area of Expertise : Marine Planktonology & Biodiversity



Dr Fatimah A'tirah binti Mohamad

Area of Expertise : Benthos Ecology



Dr Jongkar anak Grinang

Area of Expertise : Animal Taxonomy, Freshwater Ecology & Marine Biodiversity and Conservation



Dr Teng Sing Tung

PROGRAMMED COORDINATOR

Area of Expertise:
Phycology, Marine
Planktonology
Marine Biology, Harmful
Algal Blooms (HABs)
and Toxins



Dr Roslianah binti Asdari

Area of Expertise : Aquaculture Industry

MARINE AND FRESHWATER BIOLOGY



Dr Ahmad Syafiq bin Ahmad Nasir

Area of Expertise : Marine Toxicology



Dr. Lau Lik MingArea of Expertise:
Marine microbiology and aquatic disease

PROGRAMME LEARNING OUTCOME



2. Apply critical, analytical and evaluation skills to resolve complex application and unpredictable issues with creative and innovative solution(s) in the field of aquatic resource science and management

1. Describe advanced and comprehensive theoretical and technical knowledge, and demonstrate relevant skills in a specialized field, or of a multidisciplinary nature related to the field of aquatic resource science and management.



- 3. Perform a range of essential methods and procedures, including reviewing, making adjustments and supervising related practices and processes to solve a broad range of complex problems in the field of aquatic resource science and management.
- 4. Work together with different people in diverse learning and working communities in the field of aquatic science and management as well as other groups locally and internationally

PROGRAMME LEARNING OUTCOME



5. Relate ideas both in written or oral forms using appropriate and different forms of presentation, confidently, accurately and coherently in appropriate context in a well-structured manner to a diversity of audiences.

6. Use a broad range of information, media and technology applications to support study and/or work





- 7. Combine numerical and graphical/visual data for study/work.
- 8. Work autonomously, and demonstrate decision making capacities, accountabilities, leadership and professionalism within broad organizational parameters

PROGRAMME LEARNING OUTCOME



9. Integrate effectively in selfdirected lifelong learning and professional pathways

10.Demonstrate entrepreneurial competency with selected project(s), including appreciation of broader socio-political economic and cultural issues at local/national and regional level.

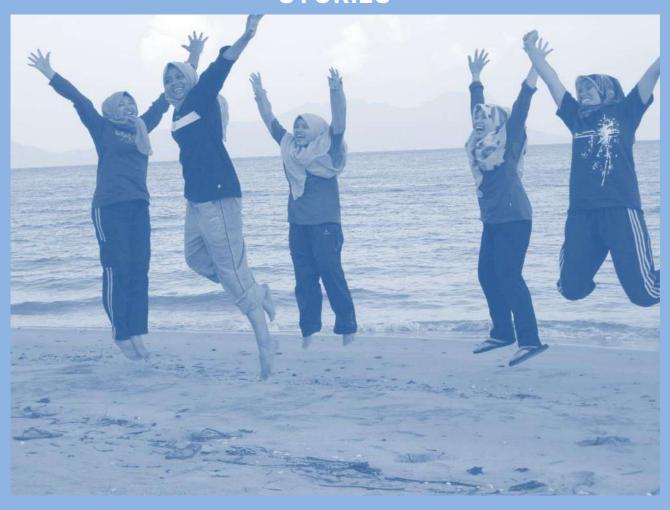


11. Ethics and professionalism: Identify ethical issues, make decision ethically, and act professionally within the varied social and professional environment and practice, as well as local and global issues relating to science, technology, business, social and environmental issues



JOIN US TODAY!

BE A PART OF OUR AQUATICIAN STORIES



Get an excellent all-round education & skills, get involved, talk to people & be persistent!

Learning aquatic is FUN!!!