

**Department of Fisheries Studies**  
**P.O.Box R113, Marine Campus, Honiara,**  
**Solomon Islands**

**Phone: 42871/42615**



## **Department of Fisheries Studies**

**SINU, Faculty of Agriculture, Fisheries &  
Forestry**

Contact Us:  
[sas@sinu.edu.sb](mailto:sas@sinu.edu.sb) (For Application)  
[finance@sinu.edu.sb](mailto:finance@sinu.edu.sb) (For Fees)



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## FISHING TECHNOLOGY & FISHERIES RESOURCE MANAGEMENT:

This strand consists of two core areas of fisheries: Fishing Technology and Fisheries Resources Management and Economics.

**Fishing Technology** focuses on different fishing methods for harvesting Marine and Fresh water species, and it involves:

- Traditional types of fishing methods that are still practiced in communities
- Modern fishing methods which are commonly used by artisanal fishermen,
- Off-shore fishing methods used by most Fishing Companies globally.

**Fisheries Management** draws on fisheries science in order to discover suitable ways to protect and manage fishery resources to ensure sustainable exploitation. Fish is an essential part of most societies' food culture

**FISHERIES ECONOMICS:** The Fisheries Economics strand is designed to help students understand fundamental economic concepts and their application in Fisheries studies, with the objective to ensuring effective learning, both in theory and practice. Fisheries Economics generally considers fisheries as scarce resources and therefore focuses on their efficient utilization through optimal production, distribution, and consumption processes, with equal consideration of maximizing the expected financial reward, to safeguard the sustainability of the resources and promote food security in the phase of climate and environmental dynamics. Core emphasis is thus placed on the role of economics in understanding the behavior of fishers, Fisheries governance, management systems, and their outcomes.

**SEAFOOD PROCESSING:** The Seafood Processing component of the Programme deals with producing seafood products from raw materials, using simple technologies. The course covers theoretical and practical concepts of microorganism inhibition and shelf life extension of seafood products, through the processes of smoking, canning, freezing and packaging to prevent food spoilage (rot or waste). The Seafood Processing strand is divided into several units that relate to the three fundamental components of seafood processing, which include; source of energy, microbial Inhibition and types of unit operations for processing.

Recently, DFS has added practical training in enhanced seafood processing techniques to its activities; focusing on seafood handling knowledge-transfer to students and communities.

We warmly welcome our students, and assure them of outstanding academic and professional training that adequately prepare them for the job market, and offer options in career choices.

### Offered Courses:

- Certificate in Fisheries Studies (1 yr)
- Diploma of Fisheries Studies (2 yrs)
- Bachelor of Fisheries Studies (4 yrs)

### Program Components:

#### AQUACULTURE:

The Aquaculture strand in the Fisheries programme pursues integrated aquaculture development and improvement in local institutional capacity in aquaculture and aquatic resource management, through innovative approaches that integrate education, research and development, and applications.



## HOD's Welcome Message:

The Department of Fisheries Studies (DFS), is a special initiative undertaken by the Korea International Cooperation Agency (KOICA) and the Government of the Solomon Islands. DFS falls under the Faculty of Agriculture, Fisheries and Forestry (FAFF). The Department opened its doors to the first cohort of students in February, 2018, offering Certificate, Diploma and Bachelor degree programme. The Department's major areas of concentration are; Aquaculture, Seafood Processing, Fishing Technology, and Fisheries Economics. Since its inception DFS has progressively grown in student numbers, collaborative activities with industry including the Ministry of Fisheries and Marine Resources, FFA, fishing communities, foreign universities, and many other stakeholders in the fisheries industry, both home and abroad. In addition to teaching, research is a major focus in the Department. The Department sits in a modern complex, and boasts with world-class scientific equipment and modern learning resources, serene student learning environment, well trained academic and professional staff, and offers quality student support. The Department provides enhanced learning opportunities through research, and guarantees excellent student learning outcome.

