

# **Development of TD Website and Repository**

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## **I. INTRODUCTION**

SEAFDEC, an Inter-Governmental Organization plays an important role in promotion of sustainable development of fisheries and aquaculture in the Southeast Asian Region for more than four decades. Cooperation with other regional and international organizations have been recognized through several important events such as Millennium Conference in 2001 and ASEAN-SEAFDEC Conference in 2011. Since 1990s, internet have been introduced worldwide, where information technology becomes important as a part of human life including education, economic, social and politics and so on. Development of high speed internet creates a new communication system and support living style including works and activities such as public relations, multi-media production, publication etc., especially information dissemination and website which are technologies for communication between internal and external organization as well as in developing management system for efficiencies. The objective of this paper is to enhance SEAFDEC visibility by developing the information and dissemination system which developed new TD website in 2017.

In this regards, TD established Southeast Asian Fisheries Development Center, Training Department Institutional Repository (STIR), which is the official digital repository of scholarly, research and technical information of the Department to download all information materials using open source software named the DSpace.

In this paper, author considers the importance of information technology for introducing SEAFDEC/TD activities and improving access to SEAFDEC/TD technical/scientific articles was expressed via the website. In this regards, the author introduced for developing of the TD website and Repository to increase public relation and increase TD's visibility as well as point out constrains of its development that requires the strengthening and cooperation within the Training Department of SEAFDEC.

## **II. DEVELOPMENT OF TD WEBSITE AND REPOSITORY**

### **a) SEAFDEC/TD Website**

The website of the SEAFDEC/Training Department was developed based on the structure of works/activities of the organization via the [www.seafdec.or.th](http://www.seafdec.or.th) which is linked to the main website of SEAFDEC through [www.seafdec.org](http://www.seafdec.org).

New TD website using Joomla to develop which is an open source content management system that is being used extensively in the arena of website development due to the availability of several features that make it user-friendly, and flexible.

### **STRUCTURE OF TD WEBSITE**

The structure of SEAFDEC/Training Department website is consisted of 6 main portions as follows (see Figure 1):

#### **1) Top Menu**

This top menu shows general information of SEAFDEC/TD including organization/TD, structure of the organization, staff directory, facilities, services,

and library. In addition, under library consists of photo and video gallery related to fisheries.

**2) Highlight Activities**

This portion is used to announce the highlight of present activities. The title of subject will be changed time to time depend upon the present TD's event.

**3) Main Menu**

This main menu is the core of TD activities including TD Programs, Training, Publications, Calendar, and News.

**4) TD News, Announcement and SEAFDEC Department's Link**

- TD News: This portion presents news on the TD activities. This portion will link to the TD news webpage whereas all news are listed by date.
- Announcement: This portion presents announcement of TD events and job recruitment.
- SEAFDEC Department's Link: This portion for linkage with the other SEAFDEC Departments websites.

**5) Banner Menu**

This portion includes the menus that link to other specific webpages for friendly connection. The menu includes Fisheries Statistic in Southeast Asia and collaborating partners project such as SEAFDEC-SWEDEN Project, the South China Sea Fisheries Refugia Initiative, USAID Oceans and Fisheries Partnership and Strategy for Trawl Fishery Bycatch Management.

**6) SEAFDEC/TD Youtube Gallery**

This portion for downloading the newsletters and Advance Fisheries Technology Magazines. User can also subscribe these two publications by filling their user e-mail address in the bank form.

**b) SEAFDEC/TD Institutional Repository (STIR)**

An institutional repository is an archive for collecting, preserving, and disseminating digital copies of the intellectual output of an institution, particularly a research institution. An institutional repository can be viewed as a set of services that a university offers to members of its community for the management and dissemination of digital materials created by the institution and its community members.

In this regards, SEAFDEC/AQD Institutional Repository or SAIR was established in 2011 to provide reliable means for SEAFDEC/AQD staff to store, preserve, and share their research outputs, thus, enabling easy access to and increasing the visibility of SEAFDEC/AQD scientific publications. During the Twelfth SEAFDEC Information Staff Exchange Program (ISEP) Meeting in Kuala Lumpur, Malaysia in 2011, the Meeting took note of the initiative of AQD in establishing the SAIR; and subsequently, a staff exchange activities was conducted for the officers of Secretariat, TD and MFRDMD to visit AQD and learn more about information-related initiatives undertaken by AQD. Nevertheless, until present the publications of SEAFDEC Secretariat and Departments have been made accessible through the Secretariat and Departmental website.

During the Seventeenth ISP Meeting in 2016, the need for improved access to SEAFDEC technical/scientific articles was expressed and encouraged each Department to establish its own information repository, and the Secretariat to consider holding the centralized repository system that could link with the departmental information repositories. In this connection, AQD was asked to share lessons learned and experiences on the establishment of the AQD Repository not only to the Secretariat but also to the Departments, and also to provide information on the process of establishing a repository system.

Subsequently, during the SEAFDEC Department Chiefs' Meeting (DCM), the Meeting supported the establishment of repositories by the Departments and Secretariat. In this connection, the Secretariat was requested to facilitate the conduct of inter-departmental Workshop on the development of SEAFDEC repositories, and sought the assistance of AQD during the said Workshop.

According to SEAFDEC/TD initiative and establish institutional repository system called name SEAFDEC/TD Institutional Repository (STIR) and can be classified categories to the following activities (see Figure 2):

- 1) Journal Articles, Conference Papers and Book Chapters by SEAFDEC/TD Staff
- 2) Magazine and Newsletter Articles by SEAFDEC/TD Staff
- 3) News Articles
- 4) SEAFDEC/TD Collaborative Projects
  - 4.1 SEAFDEC-Sweden Project
  - 4.2 SEAFDEC-RIHN
  - 4.3 SEAFDEC-USAID
  - 4.4 SEAFDEC-UNEP/GEF
- 5) SEAFDEC/TD Publications
  - 5.1 Institutional and Annual Meeting Reports
  - 5.2 Press Releases
  - 5.3 Newsletters
  - 5.4 Journals/Magazines
  - 5.5 Brochures and flyers
  - 5.6 Posters
  - 5.7 Stakeholder-oriented Manuals
  - 5.8 Books
  - 5.9 Conference Proceedings
  - 5.10 Audio-Visual Materials
  - 5.11 Technical Publications and Reports on Fishery Resources
    - 5.11.1 Fish Larvae
    - 5.11.2 Demersal Fishery Resources
    - 5.11.3 Pelagic Fishery Resources
    - 5.11.4 Deep-sea Fishery Resources
    - 5.11.5 Tunas
  - 5.12 Technical Publications and Reports on Fishery Management and Enhancement
    - 5.12.1 Fisheries Management Concepts and Approaches
    - 5.12.2 Indicators and target reference for management
    - 5.12.3 Management of Fishing Capacity and Combating IUU Fishing
    - 5.12.4 Resources Enhancement
  - 5.13 Technical Publications and Reports on Fishing Technologies and Practices
    - 5.13.1 Fishing Gears and Methods
    - 5.13.2 Bycatch Reduction Devices
    - 5.13.3 Marine engineering
  - 5.14 Technical Publications and Reports on Fish Handling and Post-harvest Practices
    - 5.14.1 Fish Handling, Preservation and Utilization
  - 5.15 Cross-cutting Issues
    - 5.15.1 Labor in Fisheries
    - 5.15.2 Gender in Fisheries

5.15.3 Safety at Sea  
 5.16 Policy Framework and Guidelines/ Codes  
 5.16.1 Regional Guidelines  
 5.16.2 Policy Recommendations  
 5.16.3 RPOA  
 5.16.4 International Instruments

The screenshot shows the SEAFDEC/Training Department website homepage. At the top, there is a navigation bar with the SEAFDEC logo and a menu including HOME, ABOUT SEAFDEC/TD, ORGANIZATION STRUCTURE, STAFF DIRECTORY, FACILITIES & SERVICES, and LIBRARY. Below this is a banner celebrating 50 years of SEAFDEC, listing various departments and their founding years: Secretariat (1981), Training Department (1986), Marine Fisheries Research Department (1969), Aquaculture Department (1973), Marine Fishery Resources Development and Management Department (1992), and Inland Fishery Resources Development and Management Department (2014). A secondary navigation bar features PROGRAM THRUSTS, TRAINING, PUBLICATIONS, CALENDAR, and NEWS. The main content area includes a 'Latest News' section with three articles: 'CAPACITY BUILDING ON FISH HANDLING TECHNIQUES FOR MEMBER COUNTRIES', 'DATA VALIDATION OF GENDER ANALYSIS IN TRAT PROVINCE', and 'THE WORKSHOP ON VERTICAL SLOT FISH PASSAGE DESIGN TO FACILITATE MIGRATION OF INDIGENOUS FISH SPECIES IN THE SOUTHEAST ASIAN REGION'. To the right of the news is a search bar and a 'SEAFDEC Technical Seminar' announcement for January 15, 2018. Below the news is a grid of featured content: 'Fishery Statistic in Southeast Asia', 'SEAFDEC-SWEDEN Project', 'The South China Sea Fisheries Refugia Initiative', 'USAID Oceans and Fisheries Partnership', and 'Strategy for Trawl Fishery Bycatch Management'. A 'SEAFDEC/TD Youtube Gallery' section follows, showing video thumbnails for a meeting, a workshop, and EAFM principles. The footer contains social media links, contact information for the Training Department in Thailand, and a copyright notice for 2018.

Figure 1: SEAFDEC/TD Website Homepage

DSPACE
Login

SEAFDEC/TD Institutional Repository

## DSpace @ SEAFDEC/TD

Southeast Asian Fisheries Development Center, Training Department Institutional Repository (STIR) is the official digital repository of scholarly, research and technical information of the Department.

### Communities in STIR

Select a community to browse its collections.

Journal Articles, Conference Papers and Book Chapters by SEAFDEC/TD Staff [0]

Magazines and Newsletter Articles by SEAFDEC/TD Staff [0]

SEAFDEC/TD Collaborative Publications [0]

SEAFDEC/TD Publications [16]

### Recently Added

**Report of the Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia**

Training Department, Southeast Asian Fisheries Development Center (Training Department, Southeast Asian Fisheries Development Center, 2014-10)

**Regional Technical Consultation on the Regional Fishing Vessels Record : Use and Way Forward of RFVR Database as a Management Tool to Reduce IUU Fishing in Southeast Asian Region**

Training Department, Southeast Asian Fisheries Development Center (Training Department, Southeast Asian Fisheries Development Center, 2015)

**Report of the Experts Group Meeting on Port State Measures in Southeast Asia**

Training Department, Southeast Asian Fisheries Development Center (Training Department, Southeast Asian Fisheries Development Center, 2012-11-22)

**Report of the Experts Meeting on Regional Cooperation to Support the Implementation of Port State Fisheries in Southeast Asian Region**

Training Department, Southeast Asian Fisheries Development Center (Training Department, Southeast Asian Fisheries Development Center, 2016-02-11)

**Kisah seorang budak bernama Por (Story of a boy named Por) [Malay and English]**

Panitnard Taladon; Krit Phusirmongkol (Training Department, Southeast Asian Fisheries Development Center, 2014-12-11)

View more

BROWSE

All of STIR

Communities & Collections

By Issue Date

Authors

Titles

Subjects

MY ACCOUNT

Login

Register

DISCOVER

Author

SEAFDEC/TD (4)

Training Department, Southeast Asian Fisheries Development Center (4)

Arnupapboon, Sukchai (2)

Krit Phusirmongkol (2)

Panitnard Taladon (2)

Buranapratheprat, Anukul (1)

Ludnakrob, Pontipa (1)

Punsri, Rakkiet (1)

Sornklaiang, Jariya (1)

TD (1)

Subject

Responsible Fishing (4)

Fisheries (3)

Fisheries Technology (3)

Port State Measures (2)

Thai Turtle Free Devices (TTFD) (2)

vessel (2)

acid volatile sulfide (AVS) (1)

benthic macro- fauna (1)

Cambodian water (1)

environmental assessment (1)

... View More

Date Issued

2016 (6)

2009 (4)

2014 (3)

2012 (1)

2013 (1)

2015 (1)

Has File(s)

Yes (16)

RSS FEEDS

RSS 1.0

RSS 2.0

Atom

DSpace software copyright © 2002-2016 DuraSpace

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Theme by

Figure 2: SEAFDEC/TD Institutional Repository (STIR)

## **REFERENCE:**

- 1) <https://medium.com/@iskpro1/get-a-unique-and-remarkable-website-developed-by-availing-joomla-web-development-services-f5fb910ef71b>
- 2) [https://en.wikipedia.org/wiki/Institutional\\_repository](https://en.wikipedia.org/wiki/Institutional_repository)
- 3) Workshop on Establishment of Institutional Repository of SEAFDEC Secretariat and Department, 6-9 March 2017, Samut Prakan, Thailand