Taiwan Marine Education

Based on the demand of national marine education policy, Taiwan Marine Education Center (TMEC) collected experts’ options to set four main principles as its operational guideline. The objectives of Taiwan Marine Education Center (TMEC) are to: “Hold the spirit of national marine education policy to integrate domestic and foreign marine education resources, investigate marine industry human resource supply and demand, construct marine education promotion platform, raise citizens’ ocean awareness, assist government to give an impetus to marine education, and integrate all social cycle to sustainable develop marine education.’

There are four specific goals in Taiwan Marine Education Center (TMEC):

(1) Survey marine human resource supply and demand situation:

Construct the long-term data base of every marine educational subject to continuously analyzes the human resource supply and demand situation and integrates government research departments to promote marine education research projects.

(2) Integrate Taiwan marine education resource: Collect the achievements of national marine education projects to construct a national marine education on-line learning platform which provide elementary and secondary teachers and citizens the access to marine education resource and related activities and news.

(3) Provide assistance to government: Review and evaluate the implementation of marine education and assist government to draw up the marine education development strategy and promote marine education policy.

(4) Raise citizens’ ocean awareness: strengthen citizens’ awareness of professions in marine, promote the related competence in marine for school teachers and students in every class, and combine social education to raise citizens’ awareness on Ocean.

The main programs of Taiwan Marine Education Center (TMEC) include:

1. Marine Education Statistics Survey and Website Construction

1-1. Integrate marine education annual report and construct database.

1-2. Construct marine education on-line learning platform.

2. Give Advice to Local Marine Education.

2-1. Make a circuit of providing local marine education resource enter consulting service.

2-2. Assist local government build up the marine education promotion model.

3. Integration and Communication of Marine Education Achievement.

3–1. Take stock and evaluate the achievement of marine education.

3–2. Assist every class school promote marine occupations career plan.

4. Co-construct Learning Cycle of Marine Education

4–1. Promote the academic-industrial cooperation and strategic alliance of marine professional school.

4–2. Integrate the relative institutions to build up the learning cycle of marine education.

Taiwan Marine Education Center (TMEC) interacts with many organizations which include Ministry of Education and other government institutions, every class of schools, public service organizations, and ocean related private companies. The interactions are described as below:

1. Ministry of Education: Provide budget and give directions to TMEC development. TMEC integrated the marine education resources of the Ministry of Education to execute the assigned programs and activities. Besides, TMEC reviews and evaluates the implementation of programs and activities for the reference of further marine educational policy modification and promotion.

2. Other government institutes: Integrate center government institutes ( Coast Guard Administration, Council of Agriculture, National Science Council, Environmental Protection Administration, Ministry of Economic Affairs, Ministry of Transportation and Communication...et al.), local government education bureaus ( Marine Education Resource Center, Marine Education Consulting group ), and social education institutions (National Museum of Marine Science and Technology, National Museum of Marine Biology and Aquarium...et al. ) to co-construct Learning Cycle of Marine Education and combine marine education into social education to apply citizens’ marine education.

3. Every class of schools: Provide an internet learning platform on marine education for teachers to bring marine education for teachers to bring marine education into practice and provide lecture database to raise teachers' marine education competence.

4. Public service organizations: Integrate the Society of Wilderness, Kuroshio Ocean Education Foundation, and Taiwan Cetacean Society...et al to co-construct Learning Cycle of Marine Education.

5. Ocean related private companies: Apply the research sponsor of Chang Yung-Fa Foundation and Yang Ming Cultural Foundation...et al to promote marine education.

圖片說明:

contract with Hsin-Tien senior high school for strategic alliance

panel discussion about marine educational affairs development with Coast Guard Administration

2015Marine leisure and tourism teaching workshop

2015 World Oceans Day

Taiwan marine professionals cultivation forum