**Sakura Science Plan [ Jan 16 – Jan 23, 2017 ]**

**Graduate School of Kuroshio Science, Kochi University**

**Outline:** The fundamental principle of education and research of Kochi University is the “Harmonious Coexistence between Environment and Human beings”. Kochi University has studied the highly productive Tosa Bay that faces the Pacific Ocean. Researchers have studied the ecological status of Tosa Bay and sociological studies have been conducted on the coastal areas managed depending on the rich marine products.

 International collaborations on metal resources and sediments on the ocean floor are going on in the Center for Advanced Marine Core Research, Kochi University. This Research Center is a mecca to study the sediments of ocean floor that is the key for the development of marine resources for energy and minerals.

 In the studies and education going on in Kochi University, we are aiming to establish a sustainable society by not only accumulating the knowledge in each field but also deepening the multidisciplinary discussion.

 It would be a rare opportunity to experience the advanced education and research in marine science for young people who want to work in the field of marine science in the Philippines and Taiwan surrounded by the ocean and locate in the Kuroshio region.

 In this exchange program, we will introduce the concept of Program of Nurturing Talented People to Establish a Sustainable Society in the Kuroshio Region that is being implemented by Graduate School of Kuroshio Science. We will also introduce the following things to the participants.

**A: Analysis of a biota of Tosa Bay costal area**

**B: Analysis of stony corals that are the symbolic organisms of marine environment**

**C: Exploring methods of marine metals and energy source**

 Through these experiences, we would like to introduce participants the marine research on the spot, expecting that they will increase the interest in marine science and technology in view of a sustainable society in the Kuroshio Region.

**Although many topics are related to marine sciences, we also welcome students and people who are engaged in the study of Socio-Ecological Systems and Management of the Protected Areas including forestry land or areas for indigenous peoples.**

**Place of visit:**

**Monobe Campus:** Introducing the concept of Kuroshio Science,

**Center for Advanced Marine Core Research:** Introduction of exploring methods of marine metals and energy source

**Biological Institute of Kuroshio:** Analysis of a biota of Tosa Bay costal area (marine invertebrates)

**Usa Institute of Marine Biology:** Ecology of marine organisms (fishes, invertebrates, and algae)

**Okoh Campus:** Development of a new method to explore stony corals and blood cells.