

日本海洋科学振興財団 海外渡航費用援助 報告書

2026年 9月 28日

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所 属 機 関	機関名 (大学院生は 大学院と研 究科名まで)	東京大学農学生命科学研究科 大気海洋研究所
	職名 (学生は学年)	博士課程2年
渡航期間		2026年 9月 13日 ～ 2026年 9月 24日
渡航先		Brest (France)
渡航目的と その成果、 感想		渡航目的 To participate in the ICES Annual Science Conference (ASC), present my research, and build connection with researchers from around the world. 成果 I gave a presentation in Session N entitled “Size-dependent winter niche shifts of large yellow croaker in the East China Sea”. My research examined changes in the environmental niche and habitat occupancy of a depleted migratory fish and revealed size-specific response to climate change and anthropogenic activities. 感想 Many presentations at the ICES ASC focused on population dynamics and stock assessment, which helped me understand the current research trends in fisheries science. Since I also plan to include population dynamics in my future research on large yellow croaker, I learned about several useful methods and models for stock assessment. These presentations gave me new ideas for developing the next stage of my PhD research. I also received useful comments and questions after my presentation. After my presentation, Prof. Max Lindermark and other researchers were interested in the influence and effectiveness of stock enhance program. They were surprised that the program had continued for such a long period while its effectiveness in rebuilding the wild population remains limited. Meanwhile, they were also curious about the life history of the hatchery released larvae: Will they grow up then join the migration like wild population or become resident near the releasing spots? Because there is still limited research on this topic, I was not able to give a clear answer. Tracking the movement of hatchery released population and comparing the behaviors with wild stock remain challenging. During the closing ceremony, I saw a painting inspired by my

presentation. I was very surprised and honored. My friend told me that, during the conference, artists randomly visited different session rooms and created illustrations of research topics that interested them. I was very happy that my research was selected as one of them.

During this conference, I also made new friends from different countries and had the opportunity to meet leading researchers in fisheries science. It was a valuable and enjoyable experience for me. I am very grateful to the Japan Marine Science Foundation for supporting my participation in the ICES Annual Science Conference.

