

Curriculum Vitae



1. Personal profile

- Name in full: **JIANG Siyu** (江 思宇)
- Sex: Female
- E-mail: jiangsiyu@aori.u-tokyo.ac.jp

2. Educational Background and Work Experience

Educational Background

- Sept. 2009 to June 2013: B. Sc., Ocean University of China
- Sept. 2013 to June 2016: M. Sc., Xiamen University
- Jan. 2017 to Mar. 2017: Research Student, Atmosphere and Ocean Research Institute, The University of Tokyo
- Apr. 2017 to Mar. 2021: Ph. D., Graduate School of Agricultural and Life Sciences, The University of Tokyo
PhD Dissertation: Dynamics in phytoplankton growth and grazing mortality in oligotrophic North Pacific and Eastern Indian Ocean

Work Experience

- Jan. 2017 to Mar. 2018: Research assistant (part-time job), Japan Agency for Marine-Earth Science and Technology (JAMSTEC, 海洋研究開発機構)
- Apr. 2021~ Postdoctoral Fellow, The University of Tokyo

3. Publication

- **Jiang, S.**, Hashihama, F., Saito, H., 2021. Phytoplankton growth and grazing mortality through the oligotrophic subtropical North Pacific. *J. Oceanogr.* 77, 505–521.
<https://doi.org/10.1007/s10872-020-00580-4>
- **Jiang, S.**, Hashihama, F., Masumoto, Y., Liu, H., Ogawa, H., Saito, H., 2022. Phytoplankton dynamics as a response to physical events in the oligotrophic Eastern Indian Ocean. *Prog. Oceanogr.* 203, 102784.
<https://doi.org/10.1016/j.pocean.2022.102784>

4. Honor and Award

- 2010 to 2012: Excellent student award in Ocean University of China
- 2013: Entered Xiamen University with the synthesizing grade ranked first (1/17)
- 2013 to 2016: Excellent student award in Xiamen University (first class)
- 2021/2/4: Best presentation award of PhD dissertation, Department of Aquatic Bioscience, The University of Tokyo

5. Conference (Oral presentation)

- 8th China-Japan-Korea (CJK) IMBeR Symposium. Sep. 2018. Shanghai, China
Title: High net growth of phytoplankton under the serious nitrogen limitation in the subtropical North Pacific Ocean
- PICES-2018 Annual Meeting. Nov. 2018. Yohohama, Japan
Title: Microzooplankton selective grazing on phytoplankton in the subtropical North Pacific Ocean
- AORI-NTOU Joint Symposium. Mar. 2019. Atmosphere and Ocean Research Institute, The University of Tokyo, Kashiwa, Japan
Title: Depleted nitrogen source supported the high growth of phytoplankton in the oligotrophic subtropical North Pacific? – possible explanations
- PICES-2019 Annual Meeting. Oct. 2019. Victoria, Canada
Title: Comparison of phytoplankton growth and mortality in oligotrophic subtropical North Pacific and Eastern Indian Ocean
- JOS-2020 Fall Meeting. Nov. 2020. Online (日本海洋学会 2020年度秋季大会)
Title: Temporary phytoplankton biomass increases in oligotrophic subtropical and tropical oceans
- 海洋生物シンポジウム2021. Mar. 2021. Online
Title: Temporary phytoplankton blooms in oligotrophic subtropical and tropical oceans
- IMBeR West Pacific Symposium 2021. Nov. 2021. Online
Title: Transient phytoplankton blooms and their formation mechanisms in oligotrophic subtropical and tropical oceans

6. Software skill

- C/C++/Fortran (programming language)
- SPSS/R (statistical analysis)
- Ocean Data View/Adobe Illustrator/Photoshop (image processing)

7. Cruise Experience

Year/Month	Region
2013/9	Yellow Sea and East China Sea
2014/4	South China Sea
2014/6	South China Sea
2014/8	Yellow Sea and East China Sea
2014/11	Western North Pacific
2015/4	Western North Pacific
2017/8-10	subtropical North Pacific
2018/11-12	Eastern Indian Ocean
2021/2-3	Kuroshio Current