

Postdoctoral Position in Ecological Modeling

We are seeking 1 postdoctoral researcher in Ecological Modeling for a contract up to 2 year. Areas of interest include but are not limited to the effects of sea level rise and ocean acidification on the hypoxia, microbial nutrient cycling, and phytoplankton dynamics in the estuaries. The successful candidate will join a numerical modeling team at the Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences (located at a beautiful coastal city Yantai, Shandong Province, China), while he/she could visit the University of Maryland Eastern Shore Numerical Modeling group in Maryland, USA.

Work and requirements

The successful candidate will focus on the development and application of the Ecological Model (e.g., FVCOM-ICM) to answer scientific questions related to hypoxia, nutrient cycling, and phytoplankton dynamics. Applicants should have a Ph.D. degree in Physical Oceanography, Biological Oceanography, Numerical Modeling, or related fields. The effective oral and written communication skills are required, and the successful candidate is expected to attend academic conferences and publish papers in the peer-reviewed journals. The experience with numerical modeling and data analysis is highly preferred.

Salary and accommodation

Salary should be up to 60 k U.S. dollars/year (~420 k RMB) plus benefit and free accommodation in the faculty building of the institute.

Application procedure

Before a formal application, the applicants are encouraged to send a brief description of your research interest/area and an updated CV to **Dr. Xinyi Kang** at **xkang@yic.ac.cn** by Aug. 30, 2020 or as soon as possible.

Location: Yantai, China.

Organization: Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences.