

## **FACULTY MEMBERS AND THEIR RESEARCH INTERESTS** **(Doctoral Program)**

### **EARTH SCIENCES**

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Geology, metamorphic petrology

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Marine micropaleontology and coral-reef geosciences, paleoenvironmental analysis of quaternary reef deposits; ecology and paleoecology of large benthic foraminifers

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Tectonics of the back-arc basin and radiation science of the earth's environment

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Physical oceanography

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Numerical weather prediction, high-impact weather events such as tropical cyclones and local heavy rainfall, data assimilation, atmosphere-ocean coupled system, geophysical fluid dynamics

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Natural products chemistry, structure elucidation and evaluation of biological activities of natural products

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**BIOLOGY**

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Cephalopod behavior and laboratory culture of cephalopods

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Population genetics of aquatic animals

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