



# Dr. Jialin Zhang

## Knowledge Exchange Specialist / Scientific Coordinator

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| Leibniz Centre for Tropical Marine Research

### Education

**11.2009 - 02.2014**

#### **Doctorate in Environmental Science**

Swiss Federal Institute of Technology (ETH), Zurich, Switzerland  
*Biogeographic comparisons of plant distribution on oceanic islands*

**08.2007 - 08.2009**

#### **Master of Science in Ecology**

Lanzhou University, Lanzhou, China

*The reaction mechanism of interspecific facilitation competition to the attributes of the interacting species*

**09.2003 - 07.2007**

#### **Bachelor of Science in Marine Science**

Tianjin University of Science and Technology, Tianjin, China

*Investigating and monitoring of marine ecological environment in Bohai, China*

### Work History

**01.2018 -**

#### **Knowledge Exchange Specialist / Scientific Coordinator**

Leibniz Centre for Tropical Marine Research, Germany

Coordinating an interdisciplinary international research project and promoting knowledge exchange between academics, policy-makers and practitioners. Key responsibilities include:

- Identify & engage relevant stakeholders, and develop stakeholder engagement strategies
- Disseminate research findings to non-academic actors, and define new research questions

Key achievements include:

- Established a strong social network between scientists and non-scientific stakeholders in the project, the network spanned over 30 relevant stakeholders, including government agencies, natural resource management groups, research institutions, NGOs, and industry representatives.
- Developed and implemented varied knowledge exchange activities, including citizen science seagrass monitoring, aquaculture wastewater processing technologies training workshop, public campaign, policy brief etc.

**12.2016 - 10.2017**

#### **Consultant/Research Coordinator**

Wildlife Conservation Society

Coordinating research into the economic cost - benefit analysis of Chinese ivory trade. The role encompasses both project management and research support responsibilities.

Key achievements include:

- Engaged influential media outlets, publications and government agencies through delivering main research results on Chinese and international

mainstream media platforms

- Analyzed the overall effects of ivory trade on local livelihoods, economy, and other issues of human security in African elephant range states in a series of technical reports

**02.2016 - 11.2016**

### **Research Project Officer**

Guangxi Biodiversity Research and Conservation Association, China

Researched environmental impacts of Chinese overseas investments in Myanmar, key achievements include:

- Conducted assessment of environmental impacts of Letpadaung Copper Mine project in Monywa area and produced an assessment report
- Promoted Chinese local NGOs to advocate responsible investment of Chinese overseas investors

**06.2014 - 01.2016**

### **Research Project Officer**

Fauna & Flora International

Managed trans-boundary conservation effort between China, Vietnam and Laos, a selection of relevant projects is outlined below:

- A project to promote trans-boundary conservation between Guangxi province, China and Caobang province, Vietnam by engaging stakeholders of both sides. There were significant challenges in coordinating the commitment from senior government officials
- A project to establish a community-based limestone biodiversity conservation network in Guangxi, China by empowering local communities to engage in conservation

Key achievements include:

- Coordinated and facilitated the signing of trans-boundary conservation cooperation Memorandum of Understanding between Chinese and Vietnamese provincial authorities
- Established a multi-level co-management network for Bangliang Nature Reserve consisting of senior government authorities, scientists, local civil society and local communities representatives

### Relevant Publications:

**Jialin Zhang**, Bevis Fedder, Daoru Wang, Tim C. Jennerjahn. A knowledge exchange framework to connect research, policy, and practice, developed through the example of the Chinese island of Hainan. *Environmental Science & Policy*. 136: ISSN 1462-9011. 2022.

Denis Karcher, Christopher Cvitanovic, et al, **Jialin Zhang**. Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy. *Journal of Environmental Management*. 314. 114994. 10.1016/j.jenvman.2022.114994, 2022.

**Jialin Zhang**, Shiquan Chen, Cheng Cheng, Yan Liu, Tim Jennerjahn. Citizen science to support coastal research and management: Insights from a seagrass monitoring case study in Hainan, China Citizen science to support coastal research and management: Insights from a seagrass monitoring case. *Ocean and Coastal Management*. 2022. Under Review.

**Jialin Zhang**, Tim Jennerjahn, et al. POLICY BRIEF: Sustaining China's coastal resources: Recommendations to improve the state of the coasts in Hainan. 2020. DOI: 10.21244/zmt.2020.004.